spacecannon
YES, WE LIGHT

PRODUCT
CATALOGUE

YES, WE LIGHT!

INDEX
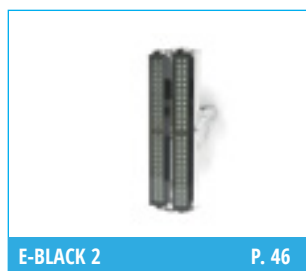
ABOUT US

Spacecannon is an historical brand and has played a key role in the realisation of a number of renowned and unique international architectural lighting projects. Since 2015 Spacecannon has been part of the Nordgas group that works primarily in the electronic market and has been developing data transmission systems for the last 20 years; Nordgas is thus able to bring to the lighting market a wealth of experience and technology, increasing the value of Spacecannon in the process.

The mission is to «melt Nordgas technology with the lighting experience of Spacecannon», offering our clients the best technology available today and creating intelligent lighting systems that are required by the market. With this idea, Spacecannon have extended their product range beyond the architectural lighting portfolio and can now offer high-quality solutions for sport, industrial, and street lighting.

All products are designed and manufactured in Italy. Today the company comprises an R&D department with a staff of 20 specialists plus around 50 employees in the production department, and is able to develop "custom made" solutions on demand to meet clients' specific needs. The combination of Spacecannon know-how and Nordgas technology is capable of satisfying the most demanding and stringent specifications. Design and technological solutions are our DNA – expressed by our team through our wide product portfolio.
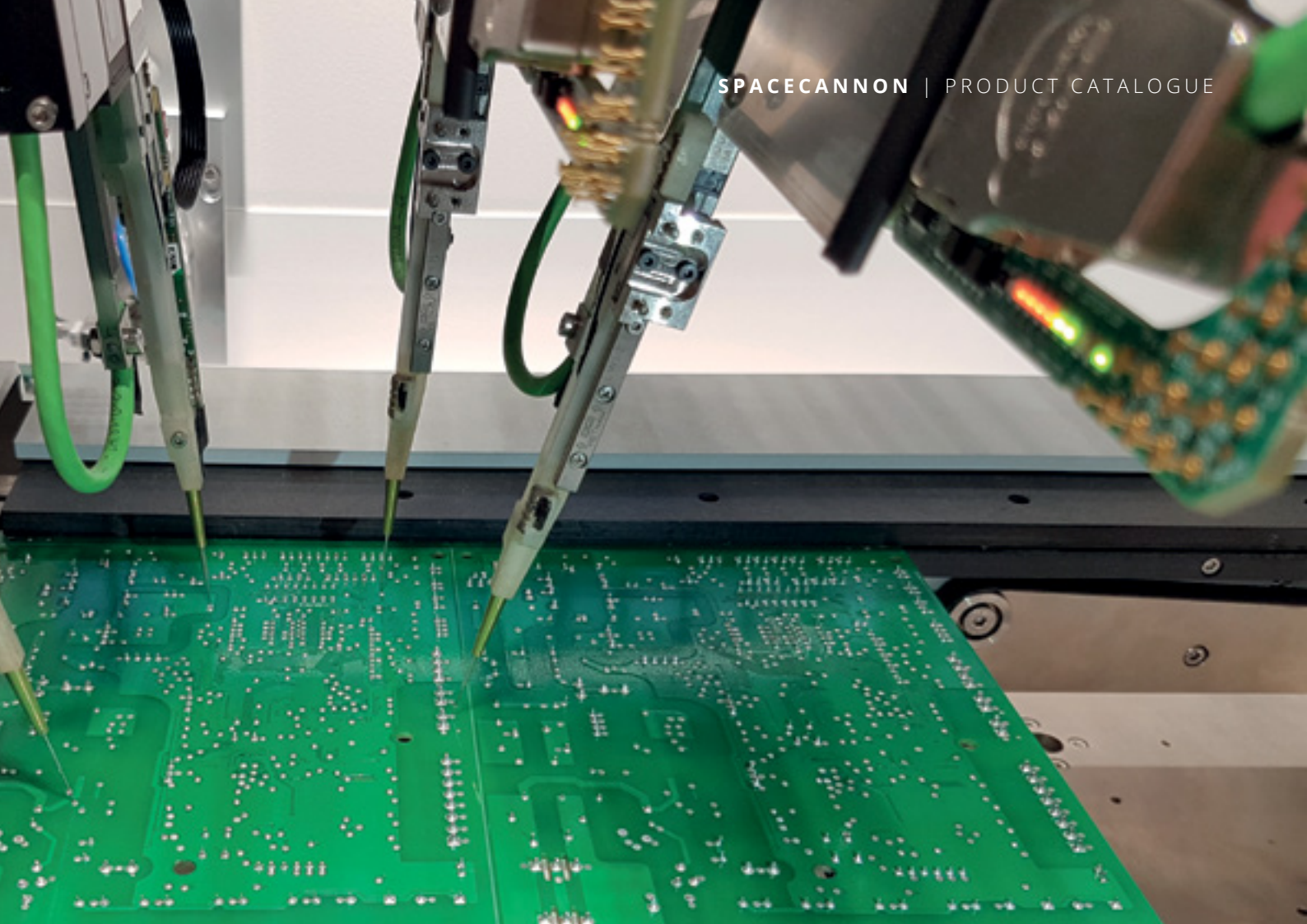
SINCE 2000

Nordgas is a Company that since 2000 designs and manufactures electronic products for the HVAC market

SINCE 2015

Since 2015 Nordgas has joined the LIGHTING division to the HAVC sector that deals with design and production of lighting systems for large areas. These products are marketed under the brand.

spacecannon
YES, WE LIGHT

Application LIGHTING

_1 _2 _3 _4

ARCHITECTURAL

Buildings, monuments, squares, bridges are just some examples.

SPORT

Stadiums, indoor and outdoor sports centres, swimming pools are just some examples.

STREET

Urban and highway street lighting, turnpikes, cycle paths and smart lighting solutions.

COMMERCIAL
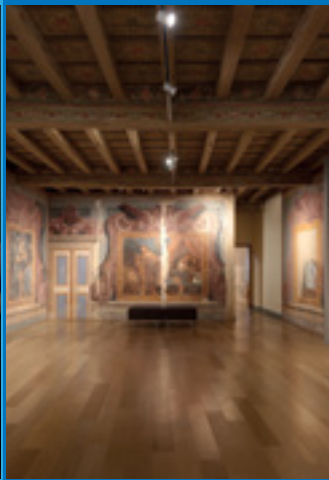
Shops, warehouses, logistic and manufacturing areas, are just some examples.
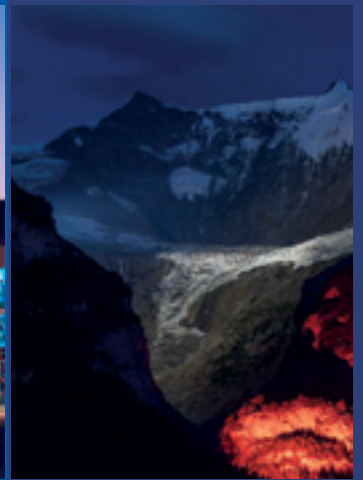
_5 _6 _7 _8

CUSTOM PROJECT

Custom is our standard!

MUSEUM

Specific and unique lighting solutions to highlight masterpieces.

LARGE AREA

Parking place, airports, shipyards, harbours and railways are just examples.

BIG EVENT

Opening ceremonies, concerts and private parties.

ARCHITECTURAL

Nova OUTOOR 12 W/m or 25 W/m

IP67 CE

LED COLOR
*White (cool, warm, neutral) / Red / Green / Blue
+ extra color Orange / Lime / Royal Blue*

POWER
*12 W/m or
25 W/m*

INSTALLATION
*The high IP rating allows the use also
near swimming pools and fountains.*

NOVA Outdoor is a thin LED bar for architectural lighting.
The housing in anodized aluminum alloy is small with an elegant silver finish. It works at 24V DC and it is available in many color temperatures, from 2500K up to 6000K with minimum CRI 80.
NOVA allows to choose from many colors besides white: red, orange, green blue, lime and royal blue.
The high IP rating allows the use also near swimming pools and fountains.

The high density pitch grants a nice homogeneous effect hiding completely the hot spot of the LED (only for milky white finish). It is possible to fix it under the ceiling with stainless steel springs. It comes in many lengths: from 30cm up to 2m.
It is possible to change brightness with 1-10V or with DMX depending on the external power supply.

TECHNICAL SPECIFICATION

REFERRING STANDARDS	IEC 60598-1 / IEC 60598-2-5 / IEC 62471
NOMINAL CURRENT TO THE LEDS	60 mA - 100 mA
POWER AT SOURCE	12 W/m - 25 W/m
NOMINAL INPUT VOLTAGE	24 V dc
LIGHT INTENSITY REGULATION	1-10 V / DMX (External power supply)
BEAM ANGLES	symmetric wide
MOUNTING POSITIONS	Any
INITIAL LUMEN OUTPUT @ 4000 K	> 3500 lm/m
COLORED LIGHT	Red, Orange, Green, Lime, Blue, Royal blue
COLOR TEMPERATURE (*)	2500 K / 4000 K / 6000 K
LM OUTPUT LIFETIME	> 50000 h
OPERATING TEMPERATURE	-30°C / +50°C
IP RATING	IP67
WEIGHT	300 g/m
STANDARD LENGTH OF THE WIRE	1,5 m
LENGTHS	from 0,3 m (12") up to 2 m (78,7")

(*) Other color temperatures are available on request
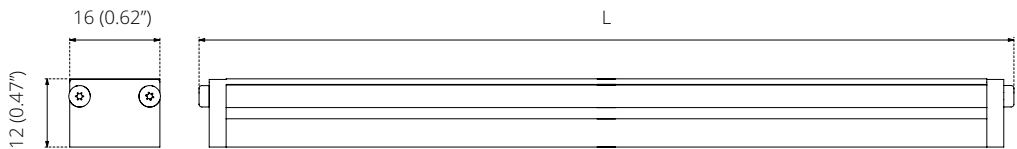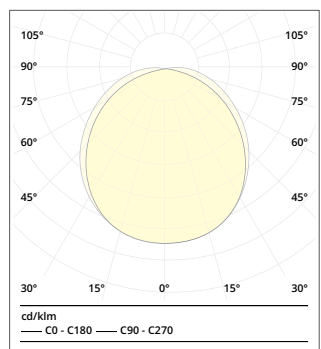
TECHNICAL FEATURES

- High light output
- Metal parts in anodized aluminum alloy with silver finish
- High-brilliant LED light of latest generation technology
- Transparent or opal cover
- Springs in stainless steel
- Thermal management with passive cooling
- Output cable suitable for outdoor use
- Many lengths available

DIMENSIONS

mm (inch)

16 (0.62")
12 (0.47")
L

PHOTOMETRIC DATA

cd/klm
— C0 - C180 — C90 - C270

120°

color LED available

eCOLOR 40 60 W

IP66 IK10 DMX RDM CE

GLASS
*Tempered glass
5 mm thick*

LED
*High-brilliant LED light of
latest generation technology*

LED COLOR
R-G-B-W

eCOLOR 40 is a product of eCOLOR family.
eCOLOR40 has 40 RGBW (10R-10G-10B-10W) power LEDs capable of delivering a very high performance from a very compact housing made in pure aluminum alloy with silver or black anodized finish for a better thermal dissipation.
It is available with different optics and controlled via DMX512 from an external power unit.

eCOLOR40 is fully controllable from a remote position with the RDM protocol.
It is possible to create smooth color shades thanks to the logarithmic dimming scale.
The 5 mm thick glass grants IK10 protection, while the protective vent protects the LEDs from condensation.

TECHNICAL SPECIFICATION

REFERRING STANDARDS	IEC 60598-1 / IEC 60598-2-5 IEC 62471
NOMINAL CURRENT TO THE LEDS	450 mA
POWER AT SOURCE	60 W
NOMINAL INPUT VOLTAGE	120-250 V ac
LIGHT INTENSITY REGULATION	DMX / RDM
BEAM ANGLES (*)	14° / 24° / 34° / 64° / 15°x44°
CHANNEL LIST	R-G-B-W
MOUNTING POSITION	Any
INITIAL LUMEN OUTPUT	4000 @ Tj25°
LM OUTPUT LIFETIME	> 50000 h
OPERATING TEMPERATURE	-30°C / +50°C
IP RATING	IP66
IMPACT PROTECTION	IK10
WEIGHT	4,5 Kg
FRONT GLASS	Cleanable with high pressure water jets

DIMENSIONS
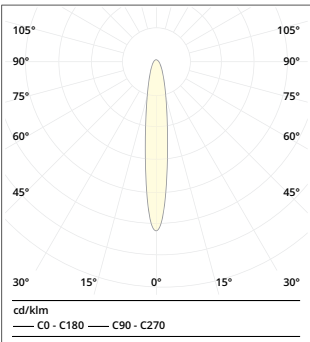
mm (inch)

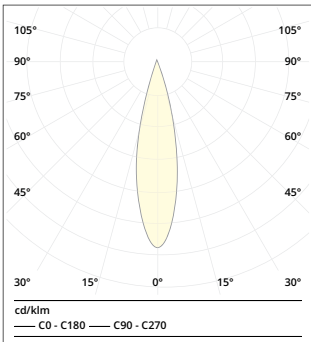ø 215 (8.4")

248 (9.7")

222 (8.7")   80(3.1")
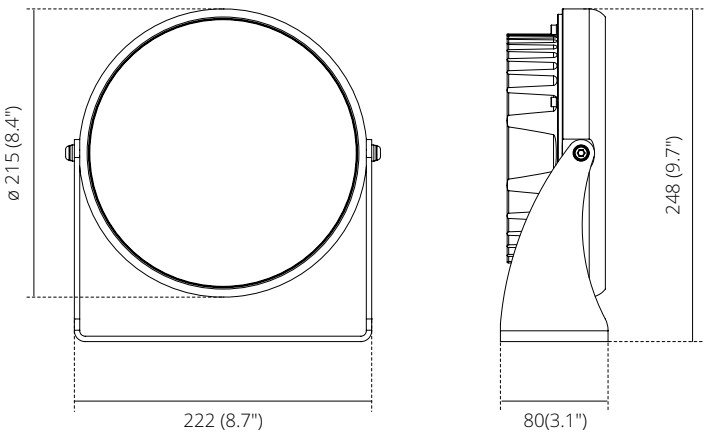
TECHNICAL FEATURES

- High light output
- Metal parts in stainless steel and anodized aluminum alloy
- Many optics available
- High IP rating for installation in harsh environments
- Clear tempered glass
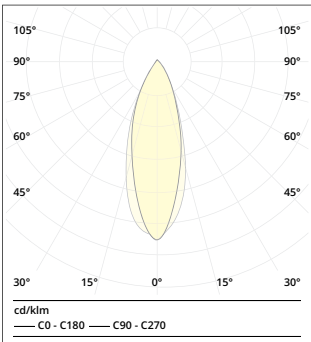- Minimum CRI 70 (higher CRI on request)
- Flicker free

PHOTOMETRIC DATA

14°

24°

34°

64°
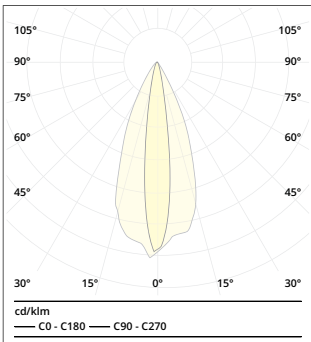
15°x44°

eCOLOR 12 18 W

IP66 IK08 DMX RDM CE

LED
High-brilliant LED light of latest generation technology

GLASS
Tempered glass 5 mm thick

LED COLOR
R-G-B-W

_1 ARCHITECTURAL

eCOLOR 12 is a products of eCOLOR family.

eCOLOR 12 is a high performance fixture made of black or silver anodized aluminum alloy for lighting architectural details. It is available with different optics and is controlled via DMX512. The power supply and the DMX board are integrated in the housing.

eCOLOR12 is fully controllable from a remote position with the RDM protocol.

It is possible to create smooth color shades thanks to the logarithmic dimming scale.

The 5 mm thick glass grants IK08 protection, while the protective vent protects the LEDs from condensation.

The extreme compactness and the over temperature protection guarantee high performances and make this product unique.

TECHNICAL SPECIFICATION

REFERRING STANDARDS	IEC 60598-1 / IEC 60598-2-5 / IEC 62471
NOMINAL CURRENT TO THE LEDS	450 mA
POWER AT SOURCE	18 W
NOMINAL INPUT VOLTAGE	100 - 240 V AC
LIGHT INTENSITY REGULATION	DMX / RDM
BEAM ANGLES (*)	14° / 24° / 34° / 64° / 15°x44°
CHANNEL LIST	R-G-B-W
MOUNTING POSITION	Any
INITIAL LUMEN OUTPUT	1300 lm @ Tj 25°
LM OUTPUT LIFETIME	> 50000 h
OPERATING TEMPERATURE	-30°C / +50°C
IP RATING	IP66
IMPACT PROTECTION	IK08
WEIGHT	1,9 Kg
FRONT GLASS	Cleanable with high pressure water jets

DIMENSIONS

mm (inch)

115,5 (4,54")

184,5 (7,26")

53 (2,08")

119 (4,68")

TECHNICAL FEATURES

- High light output
- Metal parts in stainless steel and anodized aluminum alloy
- Many optics available
- High IP rating for installation in harsh environments
- Clear tempered glass
- Minimum CRI 70 (higher CRI on request)
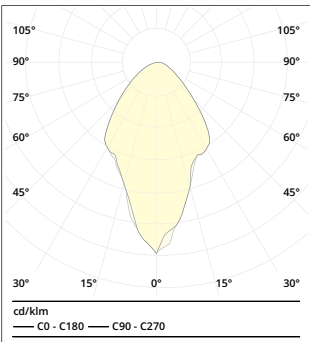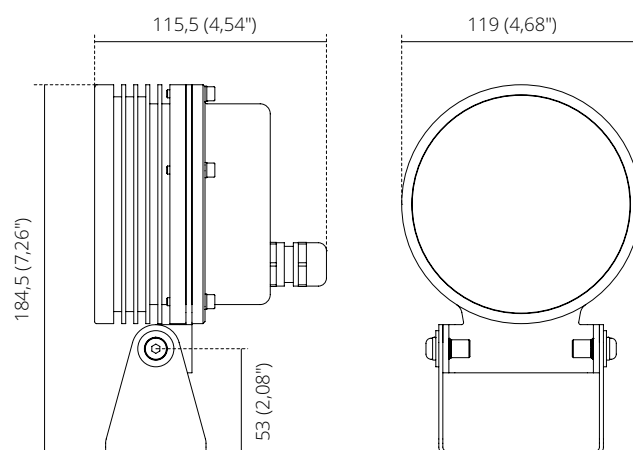- Flicker free

PHOTOMETRIC DATA

14°

24°

34°

64°

15°x44°

eWHITE 40 60 W

IP66 IK10 ⏚ C€

GLASS
*Tempered glass
5 mm thick*

LED
*High-brilliant LED light of
latest generation technology*

LED COLOR
White

eWHITE40 is a product of eWHITE family. eWHITE 40 is a high performance fixture made of black or silver anodized aluminum alloy. eWHITE40 is a high output spotlight designed for accent lighting. It is available with different optics and different color temperatures.

The 5 mm thick glass grants IK10 protection, while the protective vent protects the LEDs from condensation. The power supply is separated from the fixture.
 eWHITE40 is dimmable via external PWM or 1-10V signal.

TECHNICAL SPECIFICATION

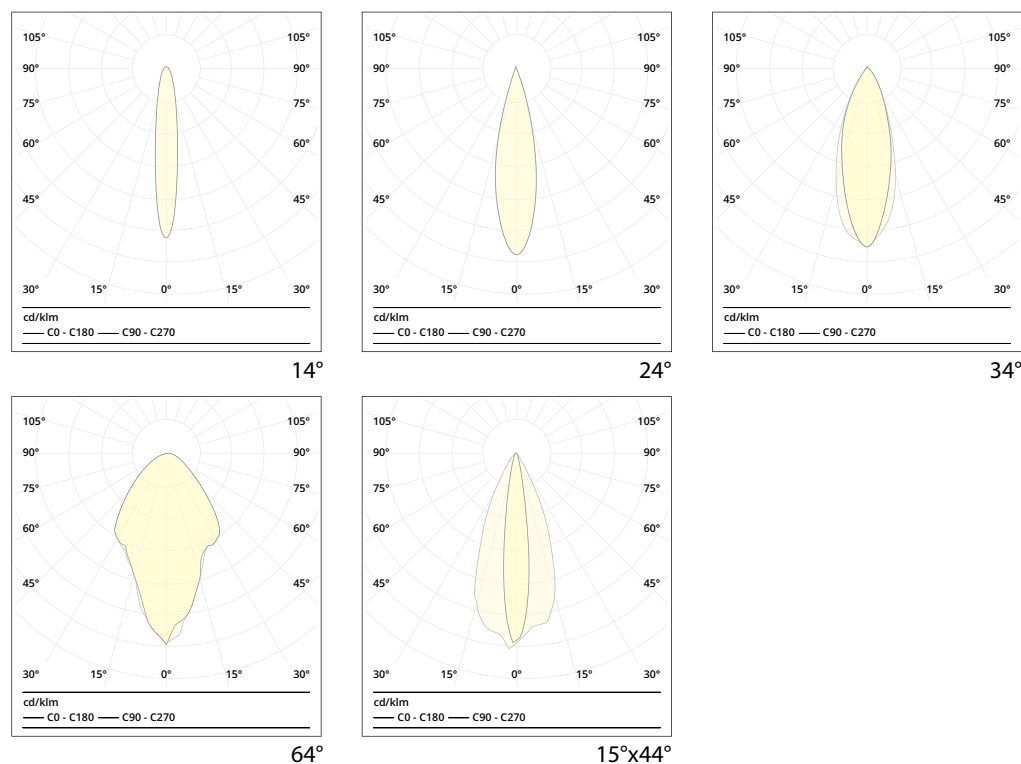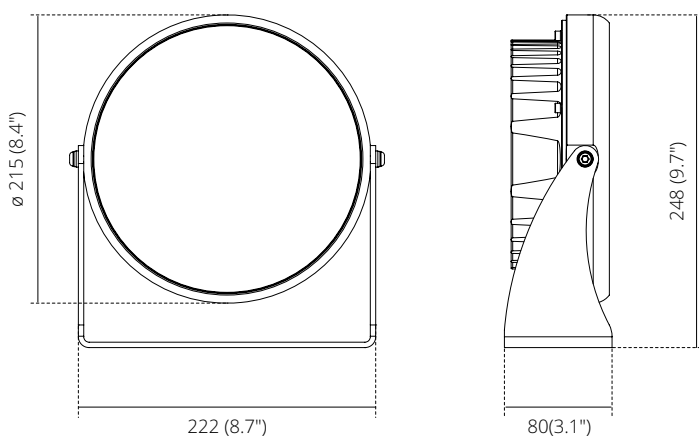|	
REFERRING STANDARDS	IEC 60598-1 / IEC 60598-2-5 IEC 62471
NOMINAL CURRENT TO THE LEDS	450 mA
POWER AT SOURCE	60 W
NOMINAL INPUT VOLTAGE	100-300 V ac
LIGHT INTENSITY REGULATION	0 - 10 V / 0% - 100%
BEAM ANGLES (*)	14° / 24° / 34° / 64° / 15°x44°
MOUNTING POSITION	Any
INITIAL LUMEN OUTPUT	8000 @ Tj 85°C
COLOR TEMPERATURE (**)	2700K / 4000K / 5000K / 6500K
LM OUTPUT LIFETIME	> 50000 h
OPERATING TEMPERATURE	-30°C / +50°C
IP RATING	IP66
IMPACT PROTECTION	IK10
WEIGHT	4,5 Kg
FRONT GLASS	Cleanable with high pressure water jets

(**) Other color temperatures are available on request

TECHNICAL FEATURES

- High light output
- Metal parts in stainless steel and anodized aluminum alloy
- Many optics available
- High IP rating for installation in harsh environments
- Clear tempered glass
- Minimum CRI 70 (higher CRI on request)
- Flicker free

DIMENSIONS

mm (inch)

ø 215 (8.4")
222 (8.7")
248 (9.7")
80(3.1")

PHOTOMETRIC DATA

14°

24°

34°

64°

15°x44°
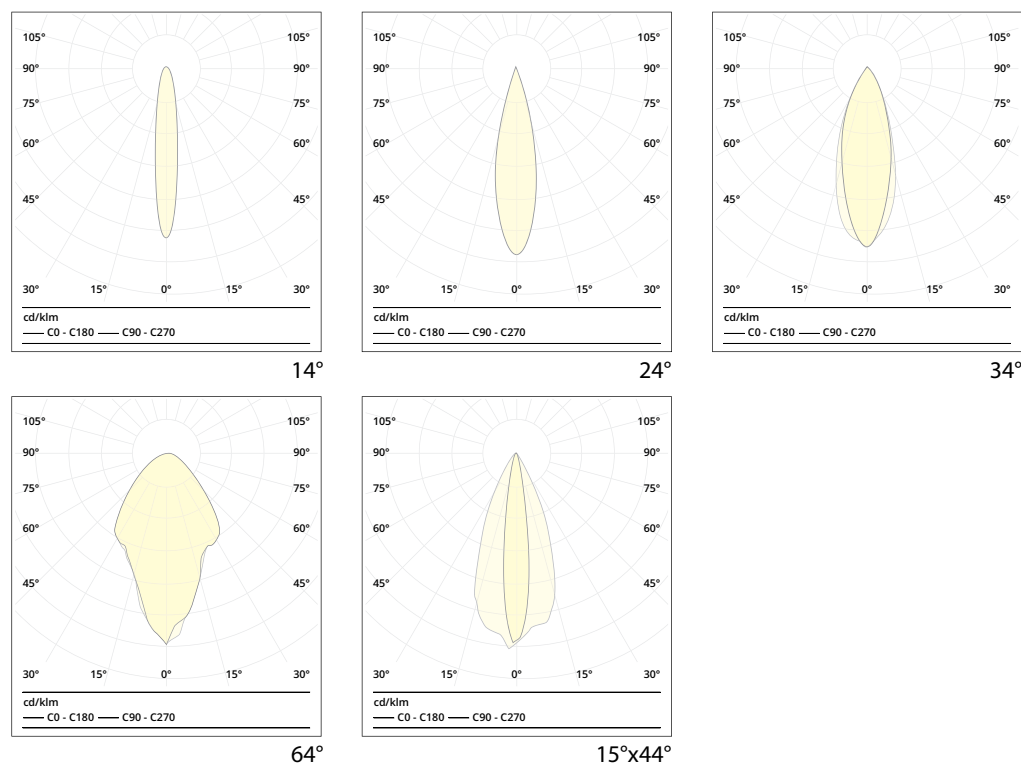
eWHITE 12 12 W

IP66 IK08 ⏚ ▣ CE

LED COLOR
White

LED
*High-brilliant LED light of
latest generation technology*

GLASS
*Tempered glass
5 mm thick*

eWHITE 12 is a product of eWHITE family. eWHITE 12 is a high performance fixture made of black or silver anodized aluminum alloy for lighting architectural details.
It is available with different optics and different color temperatures.

The 5 mm thick glass grants IK08 protection, while the protective vent protects the LEDs from condensation.
The extreme compactness and the over temperature protection guarantee high performances and make this product unique.

TECHNICAL SPECIFICATION

REFERRING STANDARDS	IEC 60598-1 / IEC 60598-2-5 / IEC 62471
NOMINAL CURRENT TO THE LEDS	300 mA
POWER AT SOURCE	12 W
NOMINAL INPUT VOLTAGE	100 - 240 V AC
LIGHT INTENSITY REGULATION	DMX / RDM / ON-OFF
BEAM ANGLES (*)	14° / 24° / 34° / 64° / 15°x44°
MOUNTING POSITION	Any
INITIAL LUMEN OUTPUT	1100lm @ Tj 85°C
COLOR TEMPERATURE (**)	2700K / 4000K / 5000K / 6500K
LM OUTPUT LIFETIME	> 50000 h
OPERATING TEMPERATURE	-30°C / +50°C
IP RATING	IP66
IMPACT PROTECTION	IK08
WEIGHT	1,9 Kg
FRONT GLASS	Cleanable with high pressure water jets
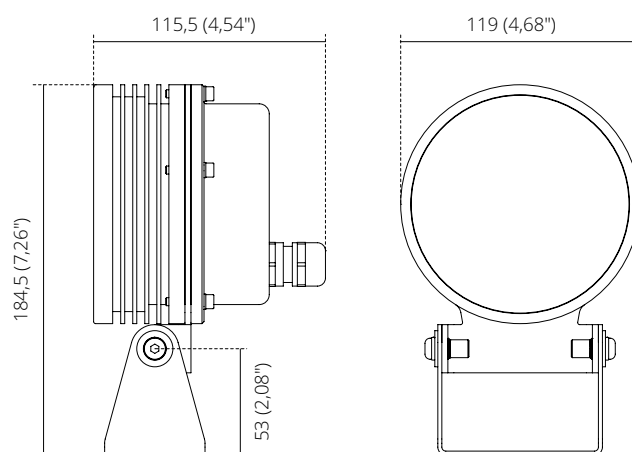
(*) Other beam angles available on request
(**) Other color temperatures are available on reques

DIMENSIONS

mm (inch)

115,5 (4,54")
184,5 (7,26")
53 (2,08")
119 (4,68")

TECHNICAL FEATURES

- High light output
- Metal parts in stainless steel and anodized aluminum alloy
- Many optics available
- High IP rating for installation in harsh environments
- Clear tempered glass
- Minimum CRI 70 (higher CRI on request)
- Flicker free

PHOTOMETRIC DATA

14°

24°

34°

64°

15°x44°

Tower 150 W

IP66 IK06 ⊕ C€

GLASS
*Tempered glass
5 mm thick*

LED
*High-brilliant LED light of
latest generation technology*

LED COLOR
high flux daylight LED

The Tower is a compact LED luminaire with an amazing luminous flux capable of illuminate targets at a very long distance (more than one kilometre), with less than 170 W of electric power and a light output exceeding 14500 lm.
The high precision optic integrated with a Fresnel lens grants the user to get a sharp edge beam capable of reaching unthinkable distances with amazing precision without any halo around.
It is available in white daylight colour temperature (5700K as a standard) with minimum CRI 75.
The unit is characterized by a sturdy aluminium structure with IP66 and a stainless steel supporting bracket.
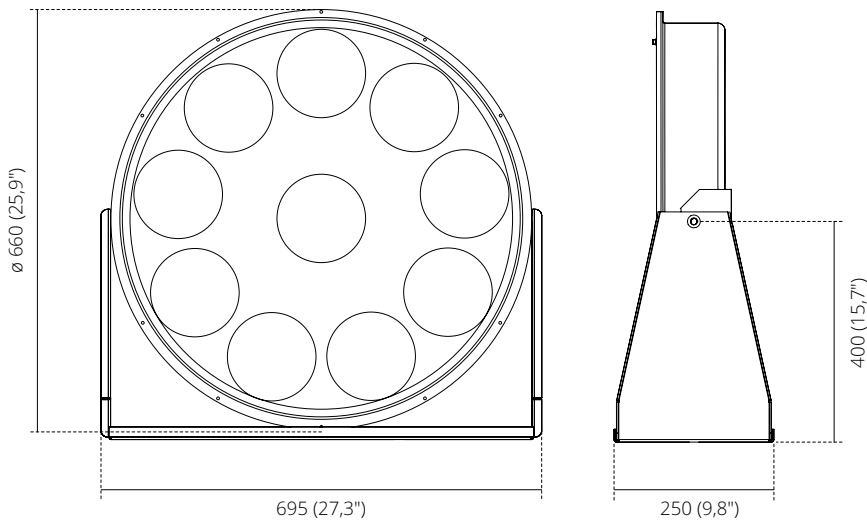
TECHNICAL SPECIFICATION

REFERRING STANDARDS	IEC 60598-1 / IEC 60598-2-5
NOMINAL CURRENT TO THE LEDS	4000 mA
POWER AT SOURCE	150 W
NOMINAL INPUT VOLTAGE	100-260 V AC
NOMINAL INPUT FREQUENCY	47 - 63 Hz
LIGHT INTENSITY REGULATION	None
BEAM ANGLES	2°
MOUNTING POSITION	Any
INITIAL LUMEN OUTPUT	14000 lm
COLOR TEMPERATURE	5700 K
LM OUTPUT LIFETIME	> 50000 h
OPERATING TEMPERATURE	-30°C / +50°C
IP RATING	IP66
IMPACT PROTECTION	IK06
STANDARD LENGHT OF THE OUTPUT CABLE	2m
WEIGHT	20 Kg
FRONT GLASS	5 mm tempered

TECHNICAL FEATURES

- High light output
- Metal parts in stainless steel and painted aluminum alloy
- 2° optics available
- High IP rating for installation in harsh environments
- Clear tempered glass
- Minimum CRI 75 (higher CRI on request)
- Flicker free

DIMENSIONS

mm (inch)

Ø 660 (25,9")

695 (27,3")

400 (15,7")

250 (9,8")

PHOTOMETRIC DATA

cd/klm
C0 - C180   C90 - C270

2°

100m   200m   300m   400m   1000m

2°

128 LUX PK
Φ 50%: 3,5m

41 LUX PK
Φ 50%: 7m

20 LUX PK
Φ 50%: 10,5m

11 LUX PK
Φ 50%: 14m

2 LUX PK
Φ 50%: 35m

installation example

Rainbow I 300W

IP66 IK08 ⏚ C€

LED
High-brilliant LED light of latest generation technology

GLASS
Tempered glass 5 mm thick

LED COLOR
RGBW

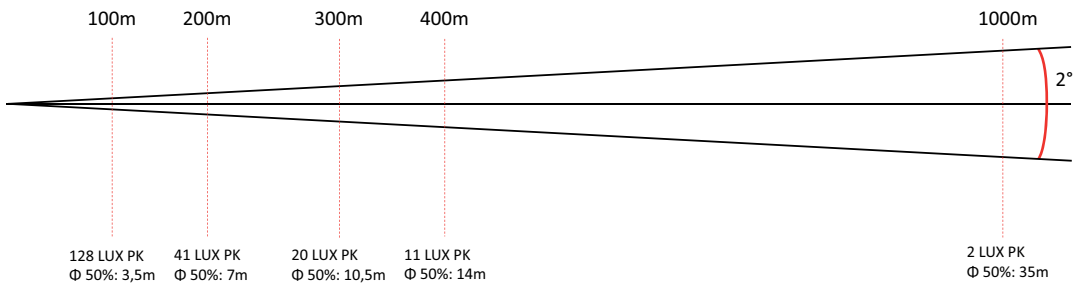The Rainbow I, is the smallest device of the rainbow family. It is a powerful device developed to illuminate targets at a long distance.The power absorption is 300W and generates more than 16000 lm at full power in RGBW configuration.It is made of die casting aluminum alloy with dark grey powder painted finish .It is fully controllable via RDM/DMX512.

The electronic has a continuous thermal control to protect LEDs and electronic from overheating: this control ensure long lasting life even in harsh environments.It is possible to choose different optics: from very narrow up to very wide. The optical system is protected by a thick tempered glass that has an impact rating of IK08.

TECHNICAL SPECIFICATION

REFERRING STANDARDS	IEC 60598-1 / IEC 60598-2-5
NOMINAL CURRENT TO THE LEDS	700mA
POWER AT SOURCE	300W
NOMINAL INPUT VOLTAGE	100-260 V AC
NOMINAL INPUT FREQUENCY	47-63 Hz
INSULATION CLASS	I
LIGHT INTENSITY REGULATION	DMX/RDM
BEAM ANGLES	11°-25°-50°-65°-108°-12X54
CHANNEL LIST	R-G-B-W
MOUNTING POSITION	Any
INITIAL LUMEN OUTPUT (*)	16000 lm
LM OUTPUT LIFETIME	> 50000h
OPERATING TEMPERATURE	-30°C / +50°C
TERMAL CONTROL	Yes
IP RATING	IP66
IMPACT PROTECTION	IK08
WEIGHT	16 Kg
FRONT GLASS	5mm
CERTIFICATION	CE
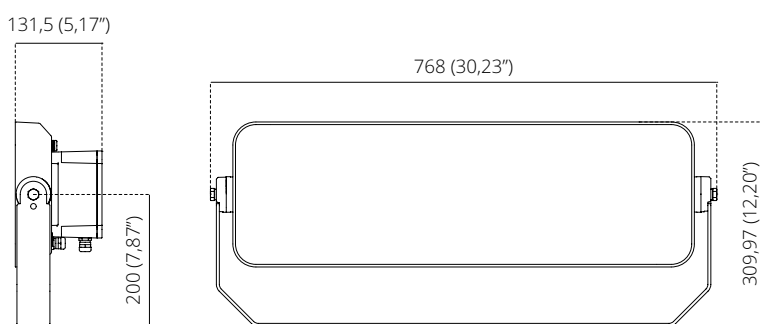
(*) Luminous flux referred to the LED module R+G+B+W at full power @ Tj 85° C

DIMENSIONS

mm (inch)

131,5 (5,17")
200 (7,87")
768 (30,23")
309,97 (12,20")

TECHNICAL FEATURES

- High light output
- Integrated power supply and DMX controllers
- Thermal control for LED protection
- Protective vents to preserve the electronic from condensation
- High brilliant LEDs of the latest technology

- Perfect color mixing
- Flicker free
- Dimming function with logarithmic scale
- Show recorder function
- Master-slave function

PHOTOMETRIC DATA

11°

25°

50°

65°

12°x54°

108°
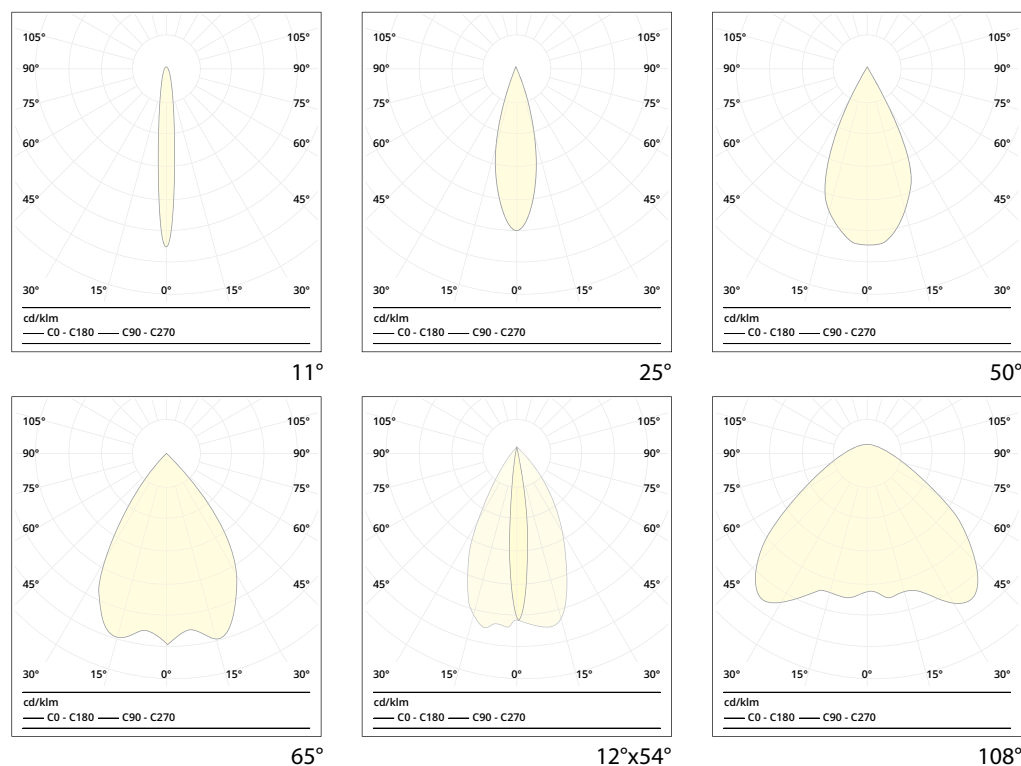
Rainbow II 600W

IP66 IK08 ⏚ CE

GLASS
*Tempered glass
5 mm thick*

LED
*High-brilliant LED light of
latest generation technology*

LED COLOR
RGBW

The rainbow II, is a powerful and efficient device especially developed to illuminate big facades, bridges or far away targets. It is fully IP rated for permanent outdoor use. The rainbow II is completely controllable via RDM; the user can change address or change personality: from 4 channels mode to 8 channels mode to drive independently the 2 modules.

Moreover it is also possible to read LED temperature inside the 2 modules and inside the power box. Thanks to the master/slave function, one device can control multiple devices connected to the net without the use of an external desk (for small installations).
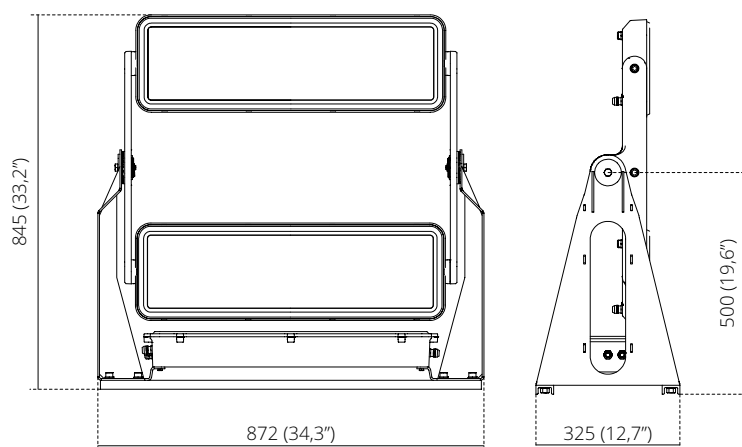
TECHNICAL SPECIFICATION

REFERRING STANDARDS	IEC 60598-1 / IEC 60598-2-5
NOMINAL CURRENT TO THE LEDS	700mA
POWER AT SOURCE	600W
NOMINAL INPUT VOLTAGE	100-260 V AC
NOMINAL INPUT FREQUENCY	47-63 Hz
INSULATION CLASS	I
LIGHT INTENSITY REGULATION	DMX/RDM
BEAM ANGLES	11°-25°-50°-65°-108°-12X54
CHANNEL LIST	R-G-B-W (standard) R-G-B-W R-G-B-W (selectable via RDM)
MOUNTING POSITION	Any
INITIAL LUMEN OUTPUT (*)	32000 lm
LM OUTPUT LIFETIME	> 50000h
OPERATING TEMPERATURE	-30°C / +50°C
TERMAL CONTROL	Yes
IP RATING	IP66
IMPACT PROTECTION	IK08
WEIGHT	32 Kg
FRONT GLASS	5mm
CERTIFICATION	CE

(*) Luminous flux referred to the LED module R+G+B+W at full power @ Tj 85° C

DIMENSIONS

mm (inch)

845 (33,2")
872 (34,3")
325 (12,7")
500 (19,6")

TECHNICAL FEATURES

- High light output
- Integrated power supply and DMX controllers
- Thermal control for LED protection
- Protective vents to preserve the electronic from condensation
- High brilliant LEDs of the latest technology

- Perfect color mixing
- Flicker free
- Dimming function with logarithmic scale
- Show recorder function
- Master-slave function

PHOTOMETRIC DATA

11°

25°

50°

65°

12°x54°

108°

installation example

Rainbow III 900W

IP66 IK08 ⏚ CE

GLASS
*Tempered glass
5 mm thick*

LED
*High-brilliant LED light of
latest generation technology*

LED COLOR
RGBW

The Rainbow III is the most powerful device of the Rainbow family. It is the result of years of experience in developing electronic in many fields. With a light output of 48000 lm the rainbow3 is the perfect solution for those applications where is necessary to have a powerful and large light output including theaters, stages and big events. A protective vent prevents the formation of condensation inside the modules.

A big selection of optics allows the user to find the perfect solution for his project in order to have a uniform color mixing. With the RDM it is possible to change the personality of the fixture and shift from 4 channels to 12 channels. Thanks to the master/slave function, one device can control multiple devices connected to the net without the use of an external desk (for small installations).

TECHNICAL SPECIFICATION

REFERRING STANDARDS	IEC 60598-1 / IEC 60598-2-5
NOMINAL CURRENT TO THE LEDS	700mA
POWER AT SOURCE	900W
NOMINAL INPUT VOLTAGE	100-260 V AC
NOMINAL INPUT FREQUENCY	47-63 Hz
INSULATION CLASS	I
LIGHT INTENSITY REGULATION	DMX/RDM
BEAM ANGLES	11°-25°-50°-65°-108°-12X54
CHANNEL LIST	R-G-B-W (standard) (se-lectable via RDM) R-G-B-W-R-G-B-W-R-G-B-W
MOUNTING POSITION	Any
INITIAL LUMEN OUTPUT (*)	48000 lm
LM OUTPUT LIFETIME	> 50000h
OPERATING TEMPERATURE	-30°C / +50°C
TERMAL CONTROL	yes
IP RATING	IP66
IMPACT PROTECTION	IK08
WEIGHT	43,5 Kg
FRONT GLASS	5mm

(*) Luminous flux referred to the LED module R+G+B+W at full power @ Tj 85° C
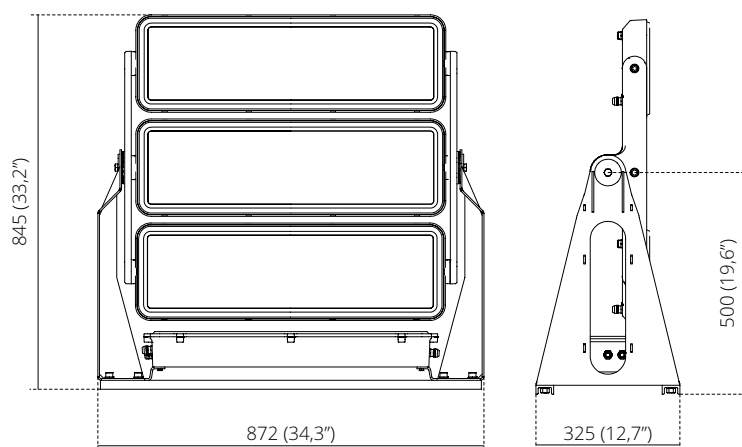
DIMENSIONS
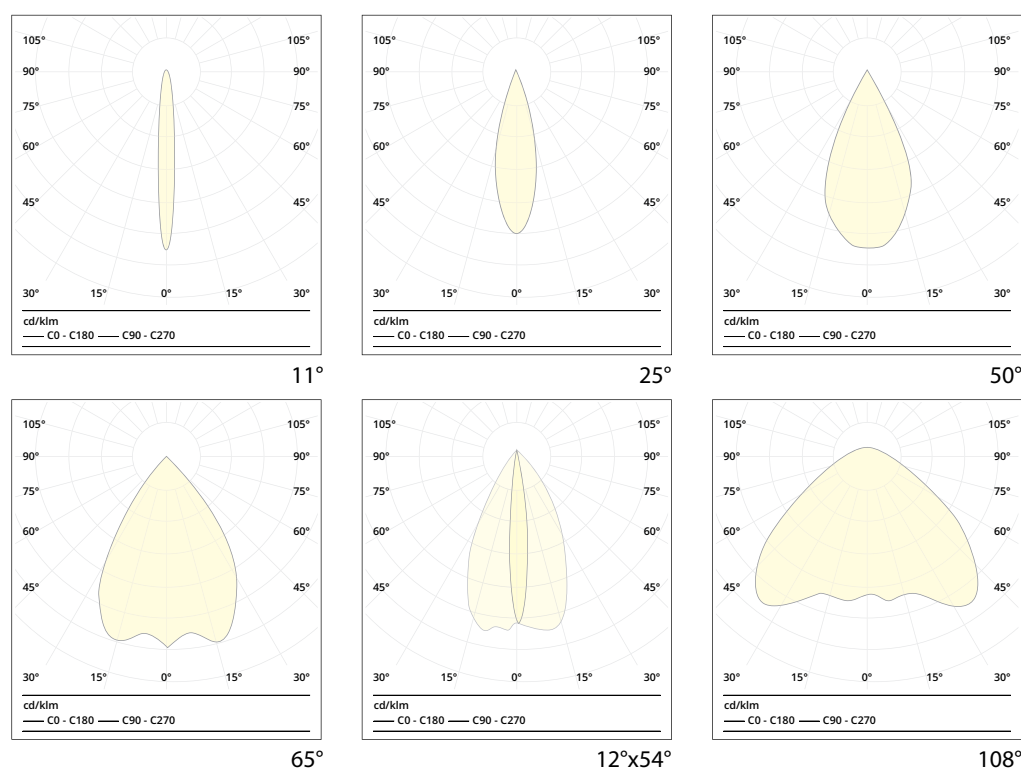
mm (inch)

845 (33,2")
872 (34,3")
500 (19,6")
325 (12,7")

TECHNICAL FEATURES

- High light output
- Integrated power supply and DMX controllers
- Thermal control for LED protection
- Protective vents to preserve the electronic from condensation
- High brilliant LEDs of the latest technology

- Perfect color mixing
- Flicker free
- Dimming function with logarithmic scale
- Show recorder function
- Master-slave function

PHOTOMETRIC DATA

11°

25°

50°

65°

12°x54°

108°

eBLACK MINI 75 W

IP66 IK06 ⏚ CE

LED
High-brilliant LED light of latest generation technology

POWER
75 W

LED COLOR
White

eBLACK-MINI is the smallest model of the eBLACK family. eBLACK-MINI, available with several optics, allows to achieve a very high uniformity especially for small playgrounds like indoor tennis, basketball, volleyball and handball courts.

The very thick glass ensures a high protection against the impacts up to IK06.
Thanks to its compact size it is possible to hide it everywhere.

TECHNICAL SPECIFICATION

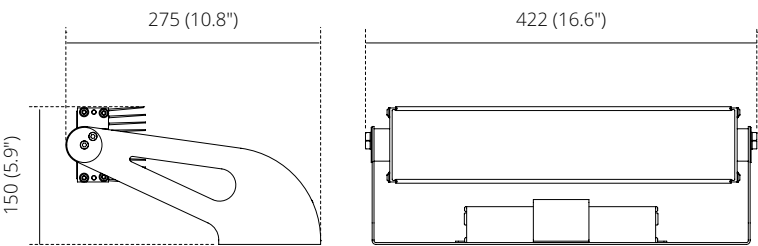|	eBLACK-MINI
REFERRING STANDARDS	IEC 60598-1 / IEC 60598-2-5 / IEC 62471
LIGHTING MODULES NUMBER	1
POWER AT SOURCE	75 W
NOMINAL CURRENT TO THE LEDS	1000 mA
LIGHT INTENSITY REGULATION	1-10 V DC / 10% - 100%
BEAM ANGLES (*)	36°-60°-80°
MINIMUM HEIGHT TO FIX	> 2,5 m
INITIAL LUMEN OUTPUT (**)	> 10000 lm
COLOR TEMPERATURE (***)	4000K / 2700K
CRI	> 70
LM OUTPUT LIFETIME	> 50000 h
OPERATING TEMPERATURE	-30°C / +50°C
IP RATING	IP66
IMPACT PROTECTION	IK06
WEIGHT	4,5 Kg
STANDARD LENGTH OF THE WIRE	2 m
FRONT GLASS	Cleanable with high pressure water jets

(*) Other beams are available on request
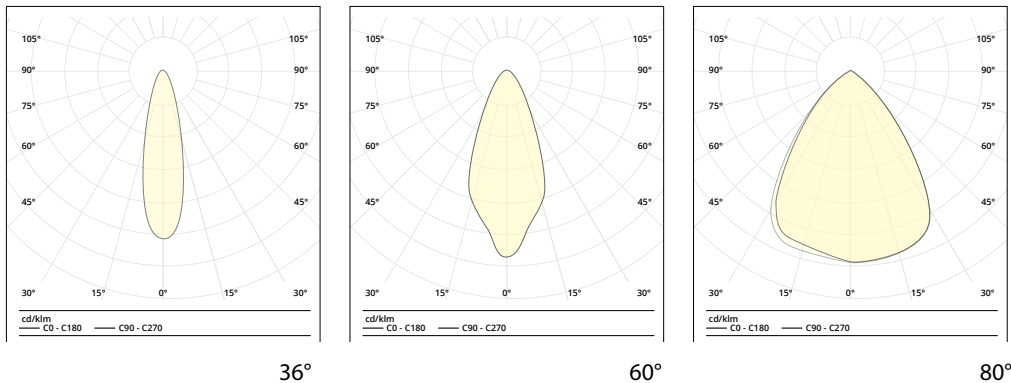(**) Luminous flux referred to 4000K CRI 70 @ Tj 85° C
(**) Other color temperatures are available on request

TECHNICAL FEATURES

- High light output
- Versatile and modular for every need
- Metal parts in black anodized aluminum and stainless steel screws to last, completely designed and made in Italy
- High-brilliant LED light of latest generation technology
- Light intensity control (dimmer)
- Customizable optics and fixing brackets

DIMENSIONS

mm (inch)

275 (10.8") 422 (16.6") 150 (5.9")

PHOTOMETRIC DATA

cd/klm   C0 - C180   C90 - C270

36°

cd/klm   C0 - C180   C90 - C270

60°

cd/klm   C0 - C180   C90 - C270

80°

eBLACK KOMPACT 150 / 300 W   **IP66 IK06** ⊕ CE

_1 ARCHITECTURAL

LED COLOR
White

LED
High-brilliant LED light of latest generation technology

POWER
300 W

POWER
150 W

-KOMPACT is an extreme powerful fixture designed for lighting indoor playgrounds and big warehouses.
eBLACK-KOMPACT, available with several optics, allows to achieve a very high uniformity on the floor. The black anodized aluminum housing ensures a high dissipation even in very hot places like the attics.

The high precision optic ensures a low glaring experience during the match.
The super bright tempered glass gives strengths to the impacts up to IK06. It can be used with brackets or hung with a stainless steel wire.

TECHNICAL SPECIFICATION

	eBLACK-KOMPACT 2	eBLACK-KOMPACT 1
REFERRING STANDARDS	IEC 60598-1 / IEC 60598-2-5 / IEC 62471	IEC 60598-1 / IEC 60598-2-5 / IEC 62471
LIGHTING MODULES NUMBER	2	1
POWER AT SOURCE	300 W	150 W
NOMINAL CURRENT TO THE LEDS	1000 mA	1000 mA
LIGHT INTENSITY REGULATION	1-10 V DC / 10% - 100%	1-10 V DC / 10% - 100%
BEAM ANGLES (*)	36° / 60° / 80°	36° / 60° / 80°
MINIMUM HEIGHT TO FIX	> 5 m	> 5 m
INITIAL LUMEN OUTPUT (**)	> 42000 lm	> 21900 lm
COLOR TEMPERATURE (***)	6500 K / 4000 K	6500 K / 4000 K
CRI	> 70	> 70
LM OUTPUT LIFETIME	> 50000 h	> 50000 h
OPERATING TEMPERATURE	-30°C / +50°C	-30°C / +50°C
IP RATING	IP66	IP66
IMPACT PROTECTION	IK06	IK06
WEIGHT	7 Kg	3,5 Kg
WEIGHT WITH BACKET INCLUDED	12 Kg	6,5 Kg
FRONT GLASS	Cleanable with high pressure water jets	Cleanable with high pressure water jets

(*) Other beams are available on request
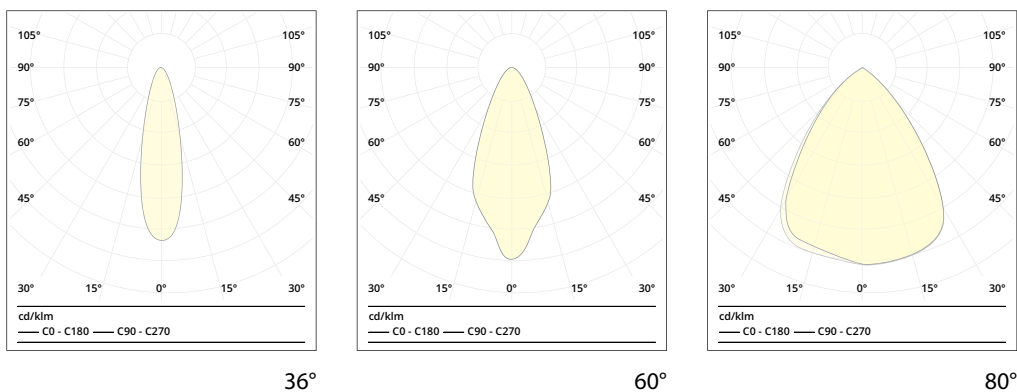(**) Luminous flux referred to 4000K CRI 70 @ Tj 85° C
(***) Other color temperatures are available on request

TECHNICAL FEATURES

- High light output
- Versatile and modular for every need
- Metal parts in black anodized aluminum and stainless steel screws to last, completely designed and made in Italy
- High-brilliant LED light of latest generation technology
- Light intensity control (dimmer)
- Customizable optics and fixing brackets
- Flicker free (supports the latest tv broadcasting standards)

DIMENSIONS   mm (inch)

340 (13.4")   785 (30.9")   150 (5.9")

150 (5.9")   120 (4.7")   785 (30.9")

PHOTOMETRIC DATA

cd/klm   C0 - C180   C90 - C270

36°   60°   80°

eWHITE-LINE 20/40/60/80 W   **IP66 IK06** ⏚ CE

LED COLOR
White

LED
*High-brilliant LED light of
latest generation technology*

POWER
20/40/60/80 W

eWHITE-LINE is a LED bar – monochromatic - for outdoor applications.
The housing is made of anodized aluminum alloy. It's an ideal solution for wall washing on elegant surfaces.
 It is available with 3 different optics that grant a perfect light uniformity on the surface. The stainless steel bracket allows a very easy and fast installation, reducing technical time.
The high IP rating together with the protective vent assures a high performance over the years.

TECHNICAL SPECIFICATION

	eWHITE-LINE 300	eWHITE-LINE 600	eWHITE-LINE 900	eWHITE-LINE 1200
REFERRING STANDARDS	IEC 60598-1 / IEC 60598-2-5 / IEC 62471	IEC 60598-1 / IEC 60598-2-5 / IEC 62471	IEC 60598-1 / IEC 60598-2-5 / IEC 62471	IEC 60598-1 / IEC 60598-2-5 / IEC 62471
NOMINAL CURRENT TO THE LEDS	50 mA	50 mA	50 mA	50 mA
POWER AT SOURCE	20 W	40 W	60 W	80 W
NOMINAL INPUT VOLTAGE	220-240 Vac	220-240 Vac	220-240 Vac	220-240 Vac
NOMINAL INPUT FREQUENCY	50-60 Hz	50-60 Hz	50-60 Hz	50-60 Hz
BEAM ANGLES	93° / 23°x51°/34°	93° / 23°x51°/34°	93° / 23°x51°/34°	93° / 23°x51°/34°
MOUNTING POSITIONS	Any	Any	Any	Any
INITIAL LUMEN OUTPUT	3000 @ Tj 85°C	6100 @ Tj 85°C	9200 @ Tj 85°C	12200 @ Tj 85° (**)
COLOR TEMPERATURE (*)	2700K / 4000K / 5000K / 6500K	2700K / 4000K / 5000K / 6500K	2700K / 4000K / 5000K / 6500K	2700K / 4000K / 5000K / 6500K
LM OUTPUT LIFETIME	> 50000 h	> 50000 h	> 50000 h	> 50000 h
OPERATING TEMPERATURE	-30°C / +40°C	-30°C / +45°C	-30°C / +45°C	-30°C / +45°C
IP RATING	IP66	IP66	IP66	IP66
IMPACT PROTECTION	IK08	IK06	IK06	IK06
WEIGHT	2,2 Kg	3 Kg	4,5 Kg	6 Kg
STANDARD LENGTH OF THE WIRE	1,5 m	1,5 m	1,5 m	1,5 m

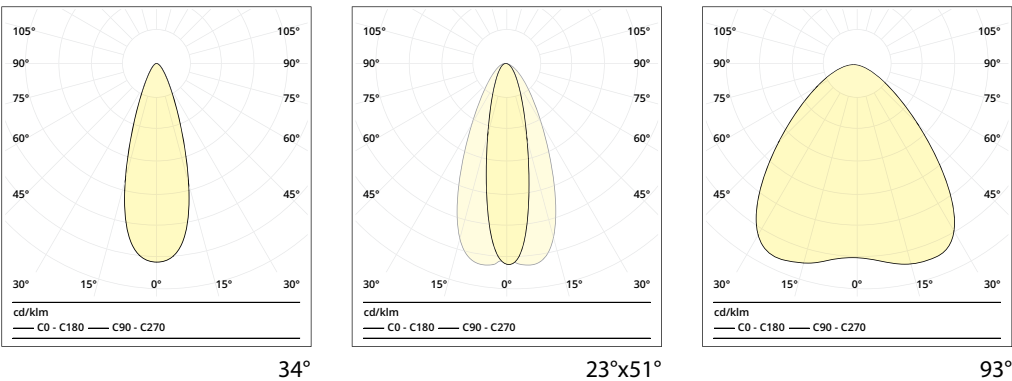(*) Other color temperatures are available on request
(**) Luminous flux referred to 4000K CRI 70

DIMENSIONS

mm (inch)

84,5(3.3")

90(3.5")

369 (14,5") / 618(24.3") / 906(35.7") / 1194(47")

PHOTOMETRIC DATA

cd/klm
C0 - C180 —— C90 - C270

34°

cd/klm
C0 - C180 —— C90 - C270

23°x51°

cd/klm
C0 - C180 —— C90 - C270

93°

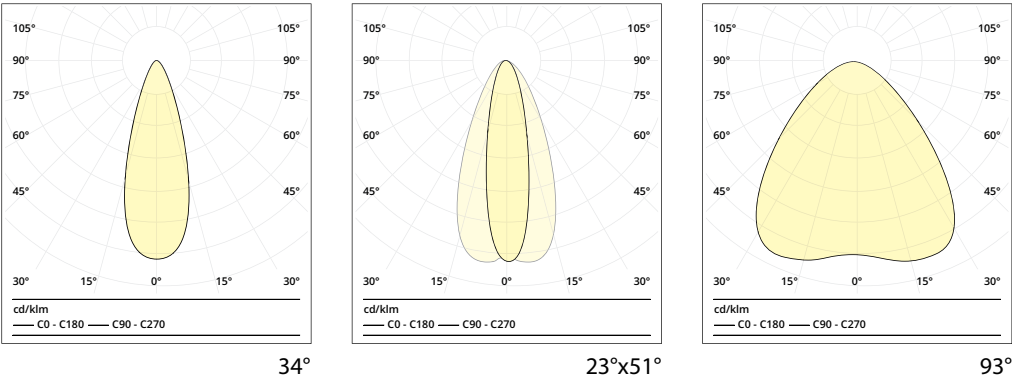## TECHNICAL FEATURES

- High light output
- Metal parts in stainless steel and anodized aluminum alloy
- High IP Rating
- Clear tempered glass
- Minimum CRI > 70 (Higher CRI on request)
- Protective vent

eWHITE-LINE DYNAMIC WHITE
20/40/60/80 W   **IP66 IK06** DMX RDM ⏚ CE

LED COLOR
White

LED
*High-brilliant LED light of
latest generation technology*

POWER
20/40/60/80 W

eWHITE-LINE is a LED bar for outdoor applications capable of shifting from warm white to cold white through DMX control. The housing is made of anodized aluminum alloy. It's an ideal solution for wall washing on elegant surfaces.
 It is available with 3 different optics that grant a perfect light uniformity on the surface. The stainless steel bracket allows a very easy and fast installation, reducing technical time.
The high IP rating together with the protective vent assures a high performance over the years.
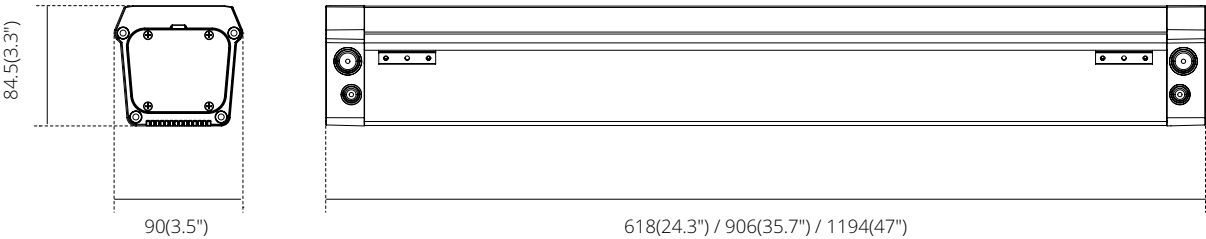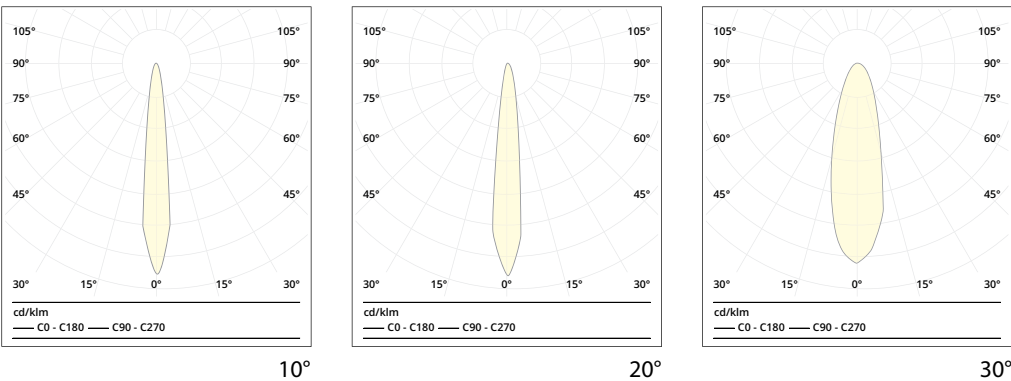
TECHNICAL SPECIFICATION

	eWHITE-LINE 300	eWHITE-LINE 600	eWHITE-LINE 900	eWHITE-LINE 1200
REFERRING STANDARDS	IEC 60598-1 / IEC 60598-2-5 / IEC 62471	IEC 60598-1 / IEC 60598-2-5 / IEC 62471	IEC 60598-1 / IEC 60598-2-5 / IEC 62471	IEC 60598-1 / IEC 60598-2-5 / IEC 62471
NOMINAL CURRENT TO THE LEDS	50 mA	50 mA	50 mA	50 mA
POWER AT SOURCE	20 W	40 W	60 W	80 W
NOMINAL INPUT VOLTAGE	220-240 Vac	220-240 Vac	220-240 Vac	220-240 Vac
NOMINAL INPUT FREQUENCY	50-60 Hz	50-60 Hz	50-60 Hz	50-60 Hz
LIGHT INTENSITY REGULATION	DMX + RDM	DMX + RDM	DMX + RDM	DMX + RDM
BEAM ANGLES	93° / 23°x51°/34°	93° / 23°x51°/34°	93° / 23°x51°/34°	93° / 23°x51°/34°
MOUNTING POSITIONS	Any	Any	Any	Any
INITIAL LUMEN OUTPUT	2900 @ Tj 85°C	5800 @ Tj 85°C	8700 @ Tj 85°C	11600 @ Tj 85° (*)
COLOR TEMPERATURE	2700K / 6500K	2700K / 6500K	2700K / 6500K	2700K / 6500K
LM OUTPUT LIFETIME	> 50000 h	> 50000 h	> 50000 h	> 50000 h
OPERATING TEMPERATURE	-30°C / +45°C	-30°C / +45°C	-30°C / +45°C	-30°C / +45°C
IP RATING	IP66	IP66	IP66	IP66
IMPACT PROTECTION	IK08	IK06	IK06	IK06
WEIGHT	2,2 Kg	3 Kg	4,5 Kg	6 Kg
STANDARD LENGTH OF THE WIRE	1,5 m	1,5 m	1,5 m	1,5 m

(*) Luminous flux referred to all LEDs at full power

DIMENSIONS

mm (inch)

84,5(3.3")

90(3.5")

369 (14,5") / 618(24.3") / 906(35.7") / 1194(47")

PHOTOMETRIC DATA

34°

23°x51°

93°

TECHNICAL FEATURES

- High light output
- Metal parts in stainless steel and anodized aluminum alloy
- High IP Rating
- Clear tempered glass
- Minimum CRI > 70 (Higher CRI on request)
- Protective vent

eLINE COLOR 40/60/80 W

IP66 IK06 DMX/RDM ⏚ C€

LED COLOR
RGBW

LED
High-brilliant LED light of latest generation technology

POWER
40/60/80 W

eLINE COLOR is a LED bar for outdoor applications.
The housing is made of anodized aluminum alloy. It's the ideal solution for wall washing on elegant surfaces.
eLINE-COLOR is an extreme powerful device available with 32-48-64 RGBW LEDs grouped in clusters of 4 each.
The high precision optics grant a superb color mixing even on close up installations.

The white LED allows the designer to get new shades of colors and its changing is smooth thanks to the dimming function in logarithmic scale. eLINE COLOR is perfectly controlled via DMX512. The stainless steel bracket allows a very easy and fast installation, reducing technical time.
The high IP rating together with the protective vent assure a high performance over the years.

TECHNICAL SPECIFICATION

	eLINE-COLOR 600	eLINE-COLOR 900	eLINE-COLOR 1200
REFERRING STANDARDS	IEC 60598-1 / IEC 60598-2-5 / IEC 62471	IEC 60598-1 / IEC 60598-2-5 / IEC 62471	IEC 60598-1 / IEC 60598-2-5 / IEC 62471
NOMINAL CURRENT TO THE LEDS	350 mA	350 mA	350 mA
POWER AT SOURCE	40 W	60 W	80 W
NOMINAL INPUT VOLTAGE	90-245 Vac	90-245 Vac	90-245 Vac
NOMINAL INPUT FREQUENCY	50-60 Hz	50-60 Hz	50-60 Hz
LIGHT INTENSITY REGULATION	DMX / RDM	DMX / RDM	DMX / RDM
CHANNEL LIST	R-G-B-W	R-G-B-W	R-G-B-W
BEAM ANGLES	Narrow / Medium / Wide	Narrow / Medium / Wide	Narrow / Medium / Wide
MOUNTING POSITIONS	Any	Any	Any
INITIAL LUMEN OUTPUT	2571 @ Tj 25°C	3855 @ Tj 25°C	5140 @ Tj 25°
LM OUTPUT LIFETIME	> 50000 h	> 50000 h	> 50000 h
OPERATING TEMPERATURE	-30°C / +50°C	-30°C / +50°C	-30°C / +50°C
IP RATING	IP66	IP66	IP66
IMPACT PROTECTION	IK06	IK06	IK06
WEIGHT	3 Kg	4,5 Kg	6 Kg
STANDARD LENGTH OF THE WIRE	1,5 m	1,5 m	1,5 m
FRONT GLASS	4 mm Tempered	4 mm Tempered	4 mm Tempered

TECHNICAL FEATURES

- High light output
- Metal parts in stainless steel and anodized aluminum alloy
- High IP Rating
- Clear tempered glass
- Minimum CRI > 70 (Higher CRI on request)
- Protective vent

DIMENSIONS

mm (inch)

84.5(3.3")

90(3.5")

618(24.3") / 906(35.7") / 1194(47")

PHOTOMETRIC DATA

10°

20°

30°

installation example

Super-Nova 18 W/m

IP40 IP67 ⬦ CE

_1 ARCHITECTURAL

LED
*High-brilliant full color LED light
of latest generation technology*

TOP COVER
Trasparent/opal

POWER
18 W/m

Supernova is a rigid LED strip that works with +24V DC that is available for indoor or outdoor use. The housing available in silver anodized finish is small and can be places in hidden places. The high IP rating allows the user to install it also near fountains and swimming pools.

It is possible to control the color changing thanks to DMX512 protocol connecting the device to the "clever light" board.
It comes in many lenghts: from 30cm up to 2m. Supernova is the ideal solution for decorative and cost effective installations with low power absorption.

TECHNICAL SPECIFICATION

	Indoor version	**Outdoor version**
REFERRING STANDARDS	IEC 60598-1 / IEC 62471	IEC 60598-1 / IEC 62471
NOMINAL CURRENT TO THE LEDS	20 mA	20 mA
POWER AT SOURCE	18 W/m	18 W/m
NOMINAL INPUT VOLTAGE	24 V DC	24 V DC
LIGHT INTENSITY REGULATION	DMX / RDM (external control gear)	DMX / RDM (external control gear)
BEAM ANGLES	Symmetric wide	Symmetric wide
CHANNEL LIST	R-G-B	R-G-B
MOUNTING POSITIONS	Any	Any
LM OUTPUT LIFETIME	> 50000 h	> 50000 h
OPERATING TEMPERATURE	-30°C / +50°C	-30°C / +50°C
IP RATING	IP40	IP67
TOP COVER	Transparent/opal	Transparent/opal
WEIGHT	300 g/m	350 g/m
LENGTHS	from 0,3 m (12") up to 2 m (78,7")	from 0,3 m (12") up to 2 m (78,7")

TECHNICAL FEATURES

- High light output
- Metal parts in anodized alimunum alloy with silver finish
- High-briliant LED light of latest generation technology
- Transparent or opal cover
- Springs in stainless steel
- Thermal management with passive cooling
- Output cable suitable for outdoor use
- Many lenghts available

DIMENSIONS

mm (inch)

12.8 (0.5")

20.5 (0.8")

L

PHOTOMETRIC DATA

105°   105°
90°   90°
75°   75°
60°   60°
45°   45°
30°   15°   0°   15°   30°
cd/klm
—— C0 - C180 —— C90 - C270

120°

41

spacecannon
YES, WE LIGHT

_2

SPORT

installation example

eBLACK 1 150 W

IP66 IK06 ⏚ C€

LED
High-brilliant LED light of latest generation technology

POWER
150 W

_2 SPORT

eBLACK-1 is the ideal solution for indoor and outdoor sport lighting. eBLACK-1 can be installed on the sides of the playground or in the middle of the tensile structure.
eBLACK-1 assures very high uniformity and reduces the shadows on the field. eBLACK1 is dimmable thanks to 1-10V control or external PWM improving the energy saving.
The fixture is IP66 and can be installed outdoor.

TECHNICAL SPECIFICATION

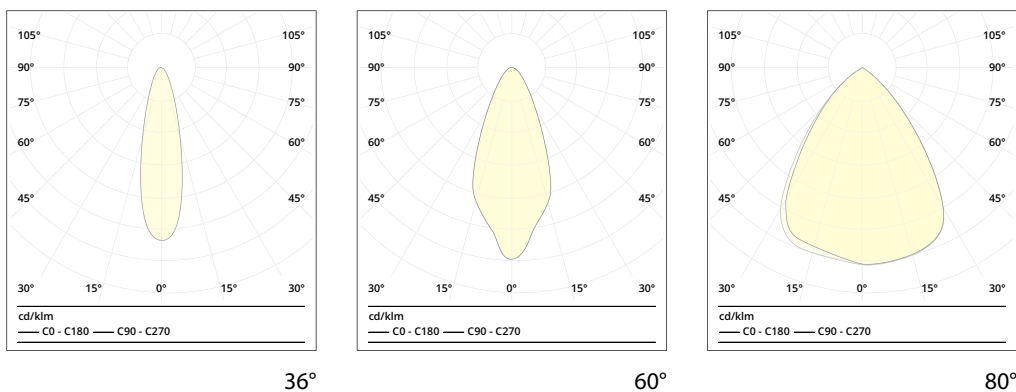|	**eBLACK-1**
REFERRING STANDARDS	IEC 60598-1 / IEC 60598-2-5 / IEC 62471
LIGHTING MODULES NUMBER	1
NOMINAL CURRENT TO THE LEDS	1000 mA
POWER AT SOURCE	150 W
NOMINAL INPUT VOLTAGE	90-260 Vac
NOMINAL INPUT FREQUENCY	50-60 Hz
LIGHT INTENSITY REGULATION	1-10 Vdc / PWM
BEAM ANGLES (*)	36° / 60° / 80°
MINIMUM HEIGHT TO FIX	> 7 m
INITIAL LUMEN OUTPUT	21400 lm
COLOR TEMPERATURE (**)	4000 K / 6500 K
CRI	> 70
LM OUTPUT LIFETIME	> 50000 h
OPERATING TEMPERATURE	-30°C / +50°C
IP RATING	IP66
IMPACT PROTECTION	IK06
WEIGHT	6,5 Kg
STANDARD LENGTH OF THE WIRE	0,2 m
FRONT GLASS	Cleanable with high pressure water jets

(*) Other beams are available on request
(**) Other color temperatures are available on request
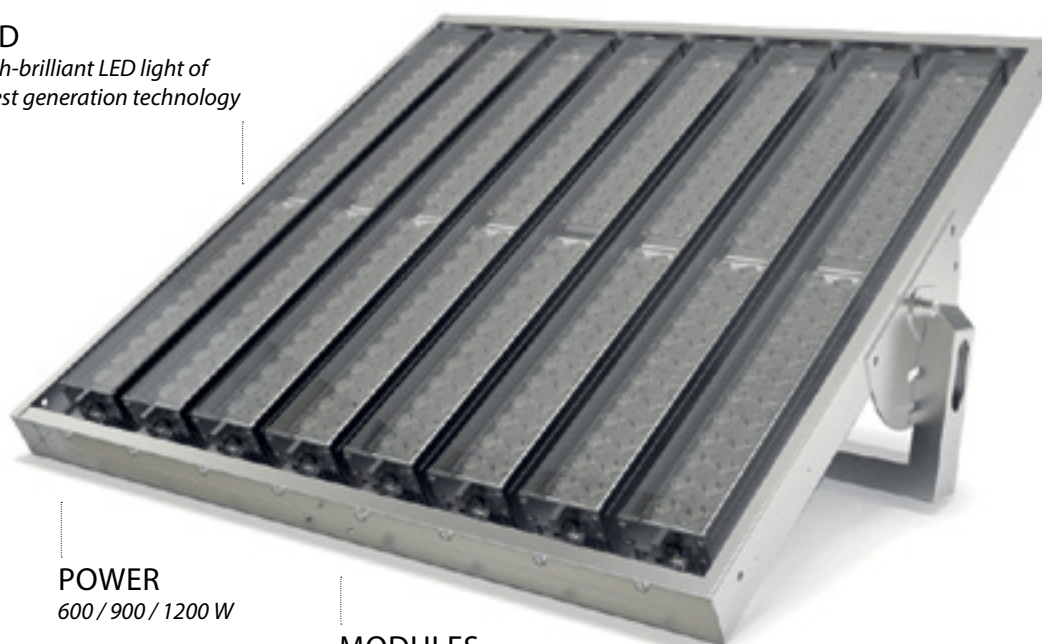
TECHNICAL FEATURES

- High light output

- Versatile and modular for every need

- Integrated power supply

- Metal parts in black anodized aluminum and stainless steel screws to last, completely designed and made in Italy

- High-brilliant LED light of latest generation technology

- Integrated light intensity control

- Customizable optics and fixing brackets

- Flicker free (supports the latest tv broadcasting standards)

DIMENSIONS
mm (inch)

790 (31.1")

Integrated Power box

240 (9.5")

126 (5")

PHOTOMETRIC DATA

cd/klm — C0 - C180 — C90 - C270

36°   60°   80°

installation example

eBLACK 2 300 W

IP66 IK06 ⊕ CE

_2 SPORT

LED
*High-brilliant LED light of
latest generation technology*

POWER
300 W

eBALCK-2 is a fixture designed for the outdoor playgrounds (tennis, volleyball, futsal, etc).
It consists in a cluster of eBLACK modules. Each module can be adjusted independently to guarantee highest uniformity and to reduce the shadows on the field.

The modules are grouped into a frame made of stainless steel. To reduce the size of the fixture, the power supply is hidden behind the modules.
The fixture is IP66 and includes the junction box to connect to the main power.

TECHNICAL SPECIFICATION

TECHNICAL FEATURES

	eBLACK-2
REFERRING STANDARDS	IEC 60598-1 / IEC 60598-2-5 / IEC 62471
LIGHTING MODULES NUMBER	1
NOMINAL CURRENT TO THE LEDS	1000 mA
POWER AT SOURCE	300 W
NOMINAL INPUT VOLTAGE	90-260 Vac
NOMINAL INPUT FREQUENCY	50-60 Hz
LIGHT INTENSITY REGULATION	1-10 Vdc / PWM
BEAM ANGLES (*)	36° /60° / 80°
MINIMUM HEIGHT TO FIX	> 7 m
INITIAL LUMEN OUTPUT	42900 lm
COLOR TEMPERATURE (**)	4000 K / 6500 K
CRI	> 70
LM OUTPUT LIFETIME	> 50000 h
OPERATING TEMPERATURE	-30°C / +50°C
IP RATING	IP66
IMPACT PROTECTION	IK06
WEIGHT	12 Kg
STANDARD LENGTH OF THE WIRE	0,2 m
FRONT GLASS	Cleanable with high pressure water jets

(*) Other beams are available on request
(**) Other color temperatures are available on request

- High light output
- Versatile and modular for every need
- Integrated power supply
- Metal parts in black anodized aluminum and stainless steel screws to last, completely designed and made in Italy
- High-brilliant LED light of latest generation technology
- Integrated light intensity control
- Customizable optics and fixing brackets

DIMENSIONS

mm (inch)

790 (31.1")

Integrated Power box

244 (9,6")

218 (8.6")

PHOTOMETRIC DATA

cd/klm
C0 - C180   C90 - C270

36°

cd/klm
C0 - C180   C90 - C270

60°

cd/klm
C0 - C180   C90 - C270

80°

eBLACK 600 / 900 / 1200 W

IP66 IK06 ⏚ CE

_2 SPORT

LED
High-brilliant LED light of latest generation technology

POWER
600 / 900 / 1200 W

MODULES
1 to 8, independently adjustable.
Rotation +/-25°, vertical receiver +0,8° -2°

APPROVED

PATENTED

eBLACK is a modular LED floodlighting system for sport. eBLACK is designed to light stadiums, playing fields (rugby, baseball), racetracks, gyms and swimming pools.

Thanks to its technical characteristic, eBLACK received the official certification from FIGC and LND.

eBLACK can vary its surface area of illumination by adjusting the inclination and the angle of each module. This solution improves the quality of illumination at the ground.

eBLACK is designed and built to last: the rugged material used, as the housing is black anodized aluminum, supporting parts and stainless steel screws, tempered glass and metal grommets, are resistant to UV radiation and bad weather.

TECHNICAL SPECIFICATION

	8 MODULES	6 MODULES	4 MODULES
REFERRING STANDARDS	IEC 60598 / IEC 62031 / IEC 62471	IEC 60598 / IEC 62031 / IEC 62471	IEC 60598 / IEC 62031 / IEC 62471
LIGHTING MODULES NUMBER	8	6	4
NOMINAL CURRENT TO THE LEDS	1000 mA	1000 mA	1000 mA
POWER AT SOURCE	1200 W	900 W	600 W
NOMINAL INPUT VOLTAGE	90-260 Vac	90-260 Vac	90-260 Vac
NOMINAL INPUT FREQUENCY	50-60 Hz	50-60 Hz	50-60 Hz
LIGHT INTENSITY REGULATION	1-10 Vdc / 10% - 100%	1-10 Vdc / 10% - 100%	1-10 Vdc / 10% - 100%
BEAM ANGLES	10°, 20°, 36°, 60°, 80°	10°, 20°, 36°, 60°, 80°	10°, 20°, 36°, 60°, 80°
MINIMUM HEIGHT TO FIX	> 15 m	> 15 m	> 15 mt
INITIAL LUMEN OUTPUT (*)	174700 lm	128800 lm	85800 lm
COLOR TEMPERATURE (**)	4000K / 6500K	4000K / 6500K	4000K / 6500K
CRI	> 70	> 70	> 70
LM OUTPUT LIFETIME	> 50000 h	> 50000 h	> 50000 h
OPERATING TEMPERATURE	-30°C / +50°C	-30°C / +50°C	-30°C / +50°C
IP RATING	IP66	IP66	IP66
IMPACT PROTECTION	IK06	IK06	IK06
WEIGHT	38 Kg	28 Kg	20 Kg
STANDARD LENGTH OF THE WIRE	0,2 m	0,2 m	0,2 m
FRONT GLASS	Cleanable with high pressure water jets	Cleanable with high pressure water jets	Cleanable with high pressure water jets

(*) Luminous flux referred to 4000K CRI 70 @ Tj 85° C
(**) Other color temperatures are available on request

TECHNICAL FEATURES

- High light output
- Versatile and modular for every need
- 1 to 8 modules, independently adjustable.Rotation +/-25°, vertical receiver +0,8° -2°
- Separate power supply
- Metal parts in black anodized aluminium and stainless steel screws to last, completely designed and made in Italy
- High-brilliant LED light of latest generation technology
- Light intensity control (dimmer)
- Customizable optics and fixing brackets
- Flicker free (supports the latest tv broadcasting standards)
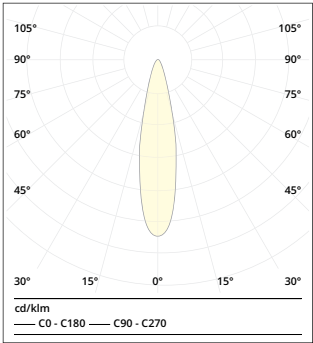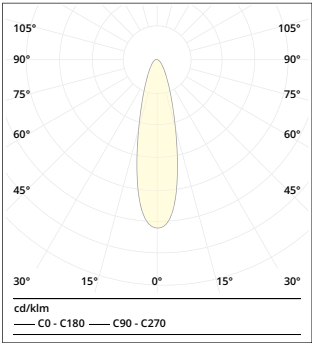- Avaiable with 5700K and CRI 90

DIMENSIONS

mm (inch)

eBLACK 8
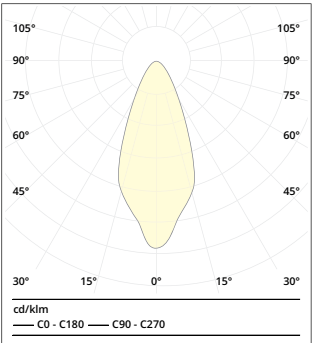1200W / 171700 lm

888 (34.9") 232 (9.1") 840 (33")

Separated Power box

370 (14.5") 104 (4") 610(24")

eBLACK 6
900W / 128800 lm

694 (27.3") 232 (9.1") 840 (33")

Separated Power box

290 (11.4") 104 (4") 610(24")

eBLACK 4
600W / 85800lm

540 (21.2") 232 (9.1") 840 (33")

Separated Power box

370 (14.5") 104 (4") 343(13.5")

PHOTOMETRIC DATA

10°

20°

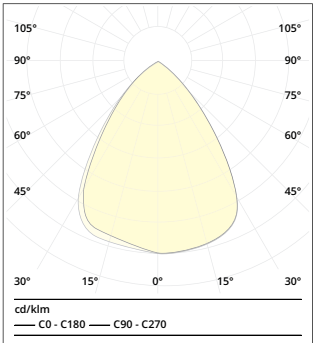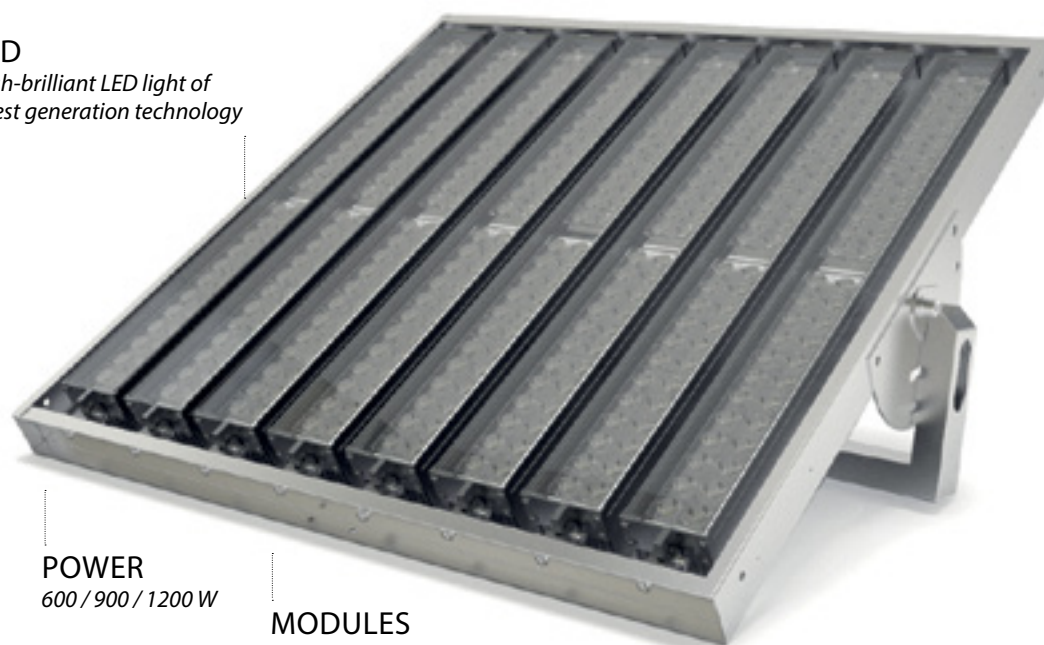36°

60°

80°

_2 SPORT

eBLACK professional 600 / 900 / 1200 W **IP66 IK06** ⊕ C€

LED
High-brilliant LED light of latest generation technology

POWER
600 / 900 / 1200 W

MODULES
1 to 8, independently adjustable.
Rotation +/-25°, vertical receiver +0,8° -2°

APPROVED

PATENTED

eBLACK Professional is a modular LED floodlighting system for sport. In particular the color temperature of the emitted light - 5700K – and the color rendering index - >90 – meet the protocols specified by FIFA and the international broadcasting about the television filming of the most important football events in the world (Champions League, World Cup).

Thanks to its technical characteristic, eBLACK received the official certification from FIGC and LND.

Because of its flexibility, eBLACK professional is suitable to illuminate even other sports events whose images for their international profile (races of F.1, swimming world championsship , tennis tournaments, etc) are intended to be spread all over the world.

eBLACK can vary its surface area of illumination by adjusting the inclination and the angle of each module. This solution improves the quality of illumination at the ground.

eBLACK is designed and built to last: the rugged material used, as the housing is black anodized aluminum, supporting parts and stainless steel screws, tempered glass and metal grommets, are resistant to UV radiation and bad weather.

TECHNICAL SPECIFICATION

	8 MODULES	6 MODULES	4 MODULES
REFERRING STANDARDS	IEC 60598 / IEC 62031 / IEC 62471	IEC 60598 / IEC 62031 / IEC 62471	IEC 60598 / IEC 62031 / IEC 62471
LIGHTING MODULES NUMBER	8	6	4
NOMINAL CURRENT TO THE LEDS	1000 mA	1000 mA	1000 mA
POWER AT SOURCE	1200 W	900 W	600 W
NOMINAL INPUT VOLTAGE	90-260 Vac	90-260 Vac	90-260 Vac
NOMINAL INPUT FREQUENCY	50-60 Hz	50-60 Hz	50-60 Hz
LIGHT INTENSITY REGULATION	1-10Vdc/ 10%-100% or with remote DMX controller (clever light)	1-10Vdc/ 10%-100% or with remote DMX controller (clever light)	1-10Vdc/ 10%-100% or with remote DMX controller (clever light)
BEAM ANGLES	10°, 20°, 36°, 60°, 80°	10°, 20°, 36°, 60°, 80°	10°, 20°, 36°, 60°, 80°
MINIMUM HEIGHT TO FIX	> 15 m	> 15 m	> 15 mt
INITIAL LUMEN OUTPUT	116800 lm	87600 lm	58400 lm
COLOR TEMPERATURE	5700K	5700K	5700K
CRI	> 90	> 90	> 90
LM OUTPUT LIFETIME	> 50000 h	> 50000 h	> 50000 h
OPERATING TEMPERATURE	-30°C / +50°C	-30°C / +50°C	-30°C / +50°C
IP RATING	IP66	IP66	IP66
IMPACT PROTECTION	IK06	IK06	IK06
WEIGHT	38 Kg	28 Kg	20 Kg
STANDARD LENGTH OF THE WIRE	0,2 m	0,2 m	0,2 m
FRONT GLASS	Cleanable with high pressure water jets	Cleanable with high pressure water jets	Cleanable with high pressure water jets

TECHNICAL FEATURES

- High light output

- Versatile and modular for every need

- 1 to 8 modules, independently adjustable.Rotation +/-25°, vertical receiver +0,8° -2°

- Separate power supply

- Metal parts in black anodized aluminium and stainless steel screws to last, completely designed and made in Italy

- High-brilliant LED light of latest generation technology

- Light intensity control (dimmer)

- Customizable optics and fixing brackets

- Flicker free (supports the latest tv broadcasting standards)

- Dimmable thanks to remote DMX controller "CLEVER LIGHT" to achieve an advanced lighting management
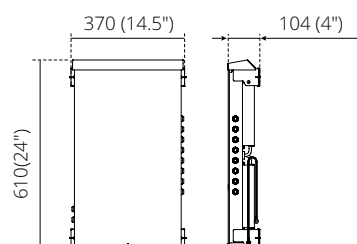
DIMENSIONS
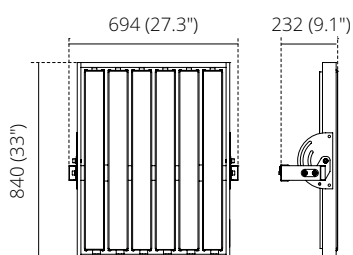
mm (inch)

eBLACK 8
1200W / 171700 lm

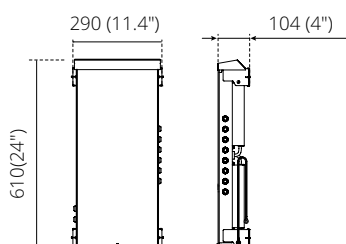888 (34.9")   232 (9.1")   840 (33")

Separated Power box

370 (14.5")   104 (4")   610(24")

eBLACK 6
900W / 128800 lm

694 (27.3")   232 (9.1")   840 (33")

Separated Power box

290 (11.4")   104 (4")   610(24")

eBLACK 4
600W / 85800lm

540 (21.2")   232 (9.1")   840 (33")

Separated Power box

370 (14.5")   104 (4")   343(13.5")

PHOTOMETRIC DATA

10°

20°

36°

60°

80°

_2 SPORT

installation example

I-Play 75 W

IP66 IK07 ⏚ ▣ CE

_2 SPORT

HOUSING
Made of die casting aluminum

OPTIC
Made of tempered glass

POWER
75 W

COB
Latest generation

I-PLAY is a compact and flexible floodlight suitable for those applications where it is important to have powerful lumen output together with high efficiency and short payback time. The I-PLAY comes without front glass but the high efficiency lens made of tempered glass assures robustness and very good optical performances.

Thanks to the compact dymension the I-PLAY can be used in many different application: sport lighting for small playgrounds, tunnel lighting, industrial lighting, street lighting.

TECHNICAL SPECIFICATION

REFERRING STANDARDS	IEC 60598-2-5 / IEC 60598-1
NUMBER OF COB	1
NOMINAL CURRENT TO THE LEDS	1400 mA
POWER AT SOURCE	75 W
NOMINAL INPUT VOLTAGE	100-305 V AC
NOMINAL INPUT FREQUENCY	50-60 Hz
ELECTRICAL CLASS	I - II
LIGHT INTENSITY REGULATION	1-10 V
BEAM ANGLES	50°/90° symmetrical- 130° asymmetrical
COLOR TEMPERATURE	4000K (3000K / 5000K upon request)
INITIAL LUMEN OUTPUT	11500 lm
CRI	> 70
LM OUTPUT LIFETIME	> 50000 h
OPERATING TEMPERATURE	-30°C / +50°C
IP RATING	IP66
IMPACT PROTECTION	IK07
WEIGHT	6 Kg
FRONT LENS	Tempered glass cleanable with high pressure water jets

TECHNICAL FEATURES

- High light output
- Integrated power supply
- "Metal parts in die casting aluminium with powder painting and stainless steel screws to last"
- "High-brilliant LED light of latest generation technology"
- special glass optic with deglaring effect (only for 130°)
- Design with better heat dissipation and good self cleaning performance
- Fast replacement of the photometric components and power supply in order to update the fitting with the latest technologies

DIMENSIONS

mm (inch)

114 (4,5")

391 (15,39")

322 (12,6")

PHOTOMETRIC DATA

50°

90°

130°

installation example

eBLACK AIR 160 / 325 / 650 / 970 / 1300 W   **IP66 IK06** ⏚ C€

LED
*High-brilliant LED light of
latest generation technology*

POWER
160 - 1300 W

TEMPERED GLASS
High transparency 4mm thick
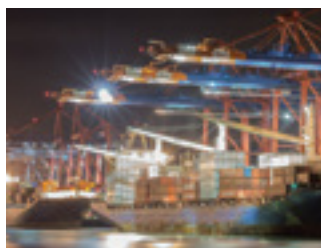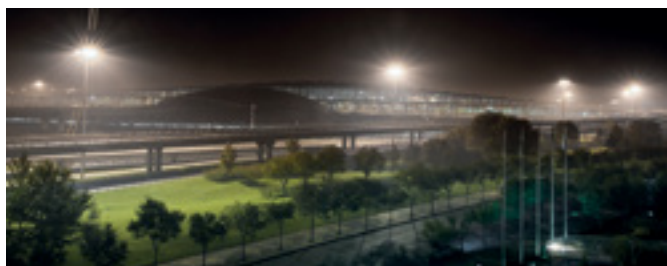
The eBLACK AIR family is perfect for airports, railway stations, ports, important road crossings and large areas.

The eBLACK AIR allows uniform light distribution with declaring effect in compliance with the "dark skies" rules.

The housing is fully made of aluminum alloy with black anodized finish and stainless steel frame that grants a long lasting life even in high polluted environments and near the seaside. It comes with standard color temperature of 4000K and CRI>70.

TECHNICAL FEATURES

- High light output
- CUT OFF light distribution
- Modular design
- Metal parts in black anodized aluminum and stainless steel
- High-brilliant LED light of latest generation technology
- Deglaring optics
- Standard color temperature 4000K (other color temperatures available on request)
- Standard CRI>70 (higher CRI available on request)
- Dimmable with 1-10V or external PWM (DALI control is available on request)
- Fully flicker free
- High IP rating
- Cleanable with water jets
- High transparency tempered glass 4mm thick
- Possibility to customize the bracket

TECHNICAL SPECIFICATION

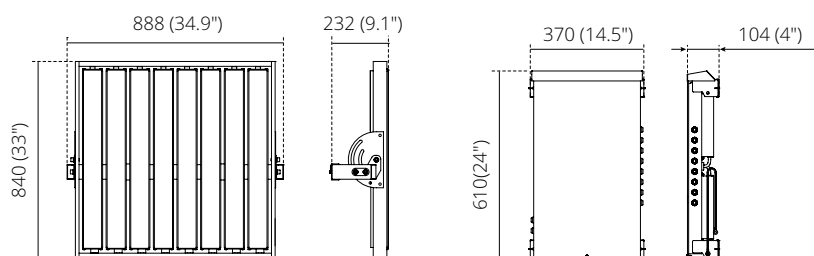|	eBLACK-AIR 8	eBLACK-AIR 6	eBLACK-AIR 4	eBLACK-AIR 2	eBLACK-AIR 1
REFERRING STANDARDS	IEC 60598-1 / IEC 60598-2-5 / IEC 62471	IEC 60598-1 / IEC 60598-2-5 / IEC 62471	IEC 60598-1 / IEC 60598-2-5 / IEC 62471	IEC 60598-1 / IEC 60598-2-5 / IEC 62471	IEC 60598-1 / IEC 60598-2-5 /IEC 62471
LIGHTING MODULES NUMBER	8	6	4	2	1
NOMINAL CURRENT TO THE LEDS	900 mA	900 mA	900 mA	900 mA	900 mA
POWER AT SOURCE	1300 W	970 W	650 W	325 W	160 W
NOMINAL INPUT VOLTAGE	90-260 Vac	90-260 Vac	90-260 Vac	90-260 Vac	90-260 Vac
NOMINAL INPUT FREQUENCY	50-60 Hz	50-60 Hz	50-60 Hz	50-60 Hz	50-60 Hz
LIGHT INTENSITY REGULATION	1-10 Vdc / 10% - 100%	1-10 Vdc / 10% - 100%	1-10 Vdc / 10% - 100%	1-10 Vdc / 10% - 100%	1-10 Vdc / 10% - 100%
BEAM ANGLES (*)	Asymmetric distribution	Asymmetric distribution	Asymmetric distribution	Asymmetric distribution	Asymmetric distribution
MINIMUM HEIGHT TO FIX	> 15 m	> 15 m	> 15 m	> 7 m	> 7 m
MOUNTING POSITION	Cut off	Cut off	Cut off	Cut off	Cut off
INITIAL LUMEN OUTPUT (**)	197000 lm	147800 lm	98500 lm	49200 lm	24600 lm
COLOR TEMPERATURE (***)	4000 K	4000 K	4000 K	4000 K	4000 K
LM OUTPUT LIFETIME	> 50000 h	> 50000 h	> 50000 h	> 50000 h	> 50000 h
OPERATING TEMPERATURE	-30°C / +50°C	-30°C / +50°C	-30°C / +50°C	-30°C / +50°C	-30°C / +50°C
IP RATING	IP66	IP66	IP66	IP66	IP66
IMPACT PROTECTION	IK06	IK06	IK06	IK06	IK06
WEIGHT	38 Kg	28 Kg	20 Kg	12 Kg	6,5 Kg
STANDARD LENGTH OF THE WIRE	1m cable + connector	1m cable + connector	1m cable + connector	1m cable + connector	1m cable + connector
FRONT GLASS	Cleanable with high pressure water jets	Cleanable with high pressure water jets	Cleanable with high pressure water jets	Cleanable with high pressure water jets	Cleanable with high pressure water jets

(*) Other beams are available on request
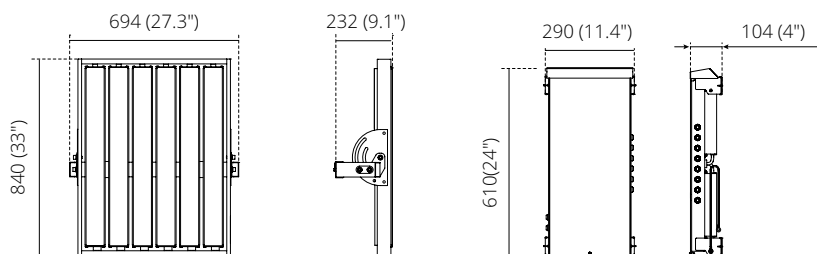(**) Luminous flux referred to 4000K CRI 70 @ Tj 85° C
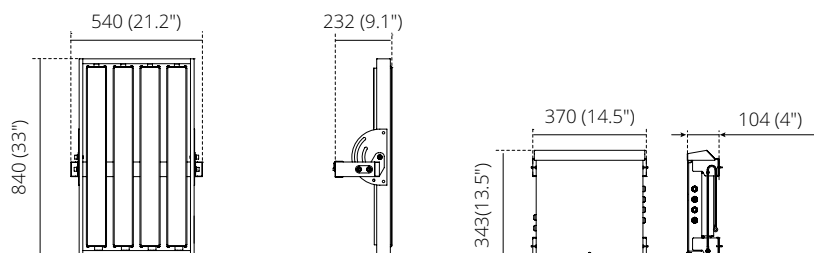(***) Other color temperatures are available on request
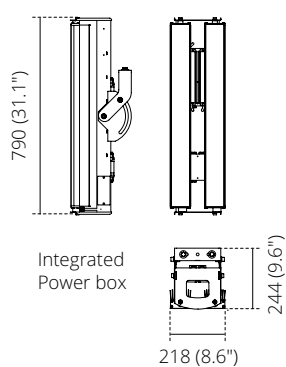
eBLACK-AIR 8
1300W / 168000 lm

888 (34.9")

232 (9.1")
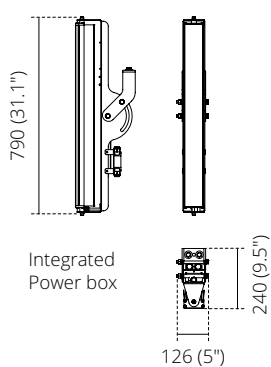
840 (33")

370 (14.5")

104 (4")

610(24")

Separated Power box

eBLACK-AIR 6
970W / 126000lm

694 (27.3")

232 (9.1")

840 (33")

290 (11.4")

104 (4")

610(24")

Separated Power box

eBLACK-AIR 4
650W / 84000lm

540 (21.2")

232 (9.1")

840 (33")

370 (14.5")

104 (4")

343(13.5")

Separated Power box

eBLACK-AIR 2
325W / 42000lm

eBLACK-AIR 1
160W / 21000lm

790 (31.1")

790 (31.1")

Integrated Power box

Integrated Power box

244 (9.6")

240 (9.5")

218 (8.6")

126 (5")

_2 SPORT

PHOTOMETRIC DATA

**POLAR DIAGRAM
CO-1**

**POLAR DIAGRAM
CO-2**

**POLAR DIAGRAM
CO-3**

eBLACK MINI 75 W

IP66 IK06 ⊕ C€

LED
High-brilliant LED light of latest generation technology

POWER
75 W

LED COLOR
White

_2 SPORT

eBLACK-MINI is the smallest model of the eBLACK family. eBLACK-MINI, available with several optics, allows to achieve a very high uniformity especially for small playgrounds like indoor tennis, basketball, volleyball and handball courts.

The very thick glass ensures a high protection against the impacts up to IK06.
Thanks to its compact size it is possible to hide it everywhere.

TECHNICAL SPECIFICATION

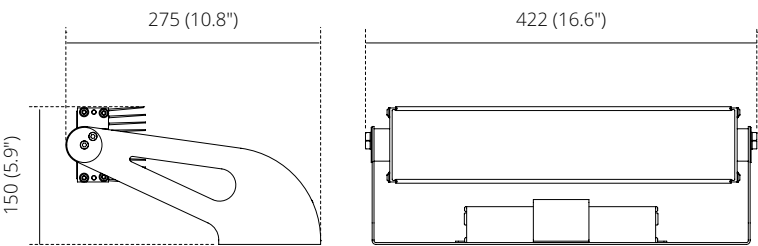|	**eBLACK-MINI**
REFERRING STANDARDS	IEC 60598-1 / IEC 60598-2-5 / IEC 62471
LIGHTING MODULES NUMBER	1
POWER AT SOURCE	75 W
NOMINAL CURRENT TO THE LEDS	1000 mA
LIGHT INTENSITY REGULATION	1-10 V DC / 10% - 100%
BEAM ANGLES (*)	36°-60°-80°
MINIMUM HEIGHT TO FIX	> 2,5 m
INITIAL LUMEN OUTPUT (**)	> 10000 lm
COLOR TEMPERATURE (***)	4000K / 2700K
CRI	> 70
LM OUTPUT LIFETIME	> 50000 h
OPERATING TEMPERATURE	-30°C / +50°C
IP RATING	IP66
IMPACT PROTECTION	IK06
WEIGHT	4,5 Kg
STANDARD LENGTH OF THE WIRE	2 m
FRONT GLASS	Cleanable with high pressure water jets

(*) Other beams are available on request
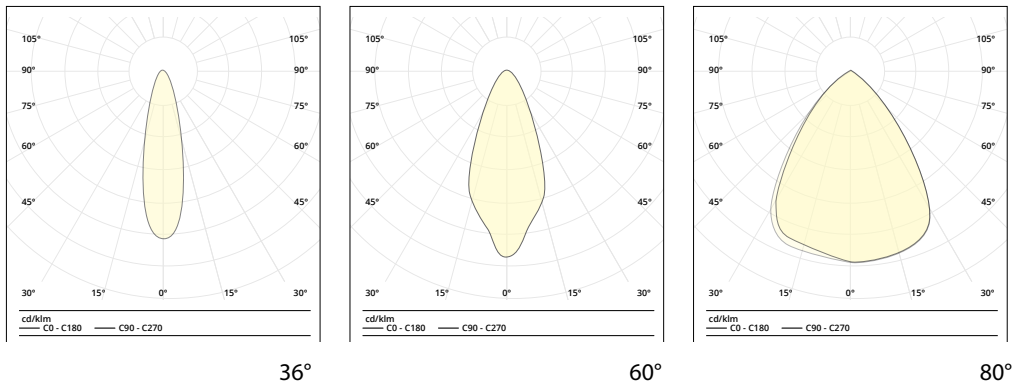(**) Luminous flux referred to 4000K CRI 70 @ Tj 85° C
(**) Other color temperatures are available on request

TECHNICAL FEATURES

- High light output
- Versatile and modular for every need
- Metal parts in black anodized aluminum and stainless steel screws to last, completely designed and made in Italy
- High-brilliant LED light of latest generation technology
- Light intensity control (dimmer)
- Customizable optics and fixing brackets

DIMENSIONS

mm (inch)

275 (10.8")   422 (16.6")   150 (5.9")

PHOTOMETRIC DATA

cd/klm   C0 - C180   C90 - C270

36°   60°   80°

_3

STREET

installation example

I-Walk 40 W

IP66 IK08 ⊕ ▣ C€

HOUSING
Made of die casting aluminum

COB
Latest generation

POWER
40 W

I WALK is a compact device for street lighting and for cycle paths. The housing made of die casting aluminum alloy with powder painted finish ensures robustness and good resistance against salty environments.

The main optic with very high efficiency is made of tempered glass: this unique feature ensures perfect optical performances during the years even in very dirty places. The I WALK is IP66 and has an inbuilt surge protection up to 10kV.

It is available with plug and play mode or with virtual midnight mode for better energy saving.
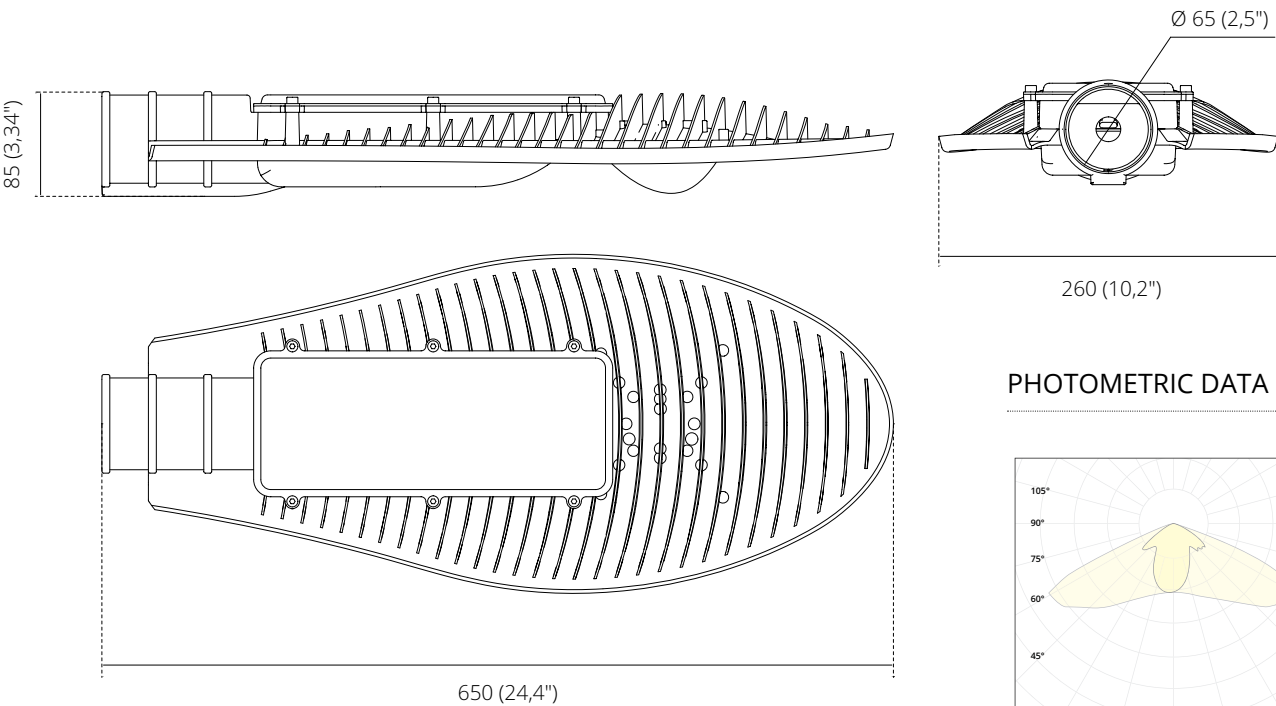
TECHNICAL SPECIFICATION

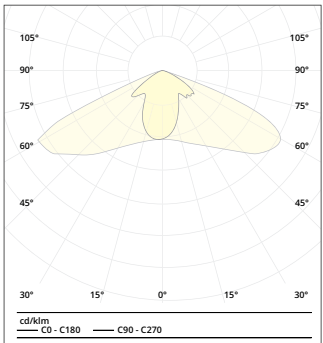|	
REFERRING STANDARD	IEC 60598-2-3 / IEC 62471
NUMBER OF COB	1
NOMINAL CURRENT TO THE LED	1050 mA
POWER AT SOURCE	40W
NOMINAL INPUT VOLTAGE	220 - 240 V AC
NOMINAL INPUT FREQUENCY	50-60 Hz
INPUT SURGE PROTECTION	DM6kV - CM:10kV
ELECTRICAL CALSS	II - I upon request
LIGHT INTENSITY REGULATION	1-10 V
PROGRAMMABLE VERSION	Midnight dimming
BEAM ANGLES	Asymmetrical beam
STANDARD POLE HEIGHT	4m
INITIAL LUMEN OUTPUT	5700 lm
COLOR TEMPERATURE	4000K (3000K / 5000K upon request)
CRI	>70
LM OUTPUT LIFETIME	> 50000h
OPERATING TEMPERATURE	-30°C / +50° C
IP RATING	IP66
IMPACT PROTECTION	IK08
WEIGHT	3kg
FRONT LENS	Tempered glass cleanable with high pressure water jets

TECHNICAL FEATURES

- High light output

- Integrated power supply (plug and play or programmable with midnight dimming)

- "Metal parts in die casting aluminium with powder painting and stainless steel screws to last"

- "High-brilliant LED light of latest generation technology"

- special glass optic with deglaring effect

- Aerodynamic design with better heat dissipation, low wind resistance and good self cleaning performance

- Fast replacement of the photometric components and power supply in order to update the fitting with the latest technologies

DIMENSIONS

mm (inch)

85 (3,34")

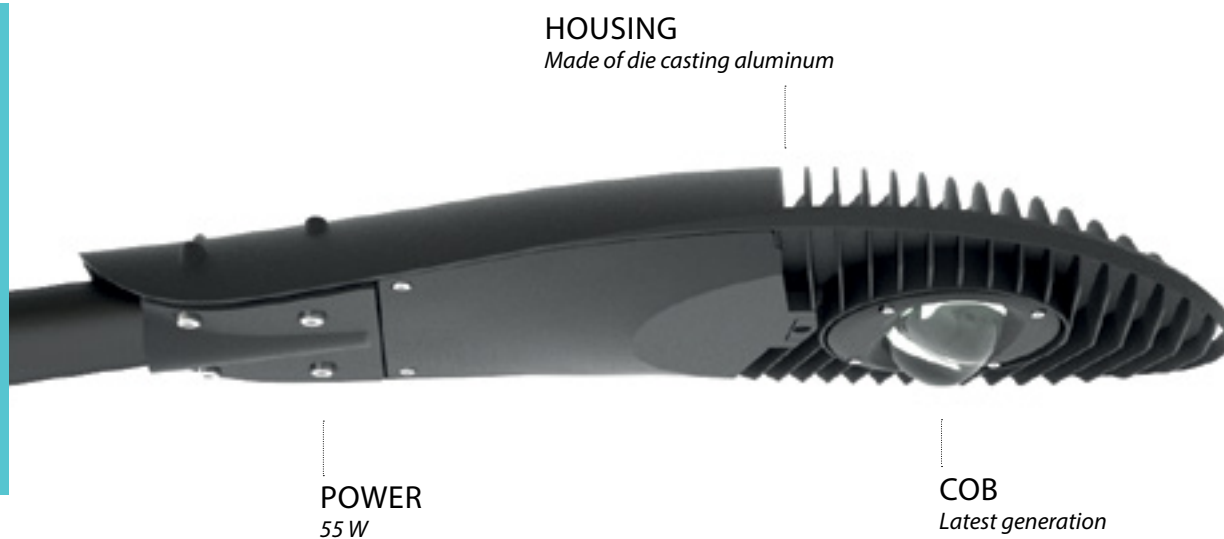650 (24,4")

Ø 65 (2,5")

260 (10,2")

PHOTOMETRIC DATA

cd/klm
— C0 - C180   — C90 - C270

145°

installation example

I-Way 55 W

IP66 IK07 ⊕ ▣ C E

HOUSING
Made of die casting aluminum

POWER
55 W

COB
Latest generation

The I-Way is a compact but powerful device for urban lighting ideal for the city center streets.
It is the ideal solution for car parks, pedestrian zones and cycle paths that allows the user to get a very short payback time.
It ensures that the lighting meets the real needs of the place to be lit.

The I-Way is made of aluminum alloy and stainless steel.
The special optics in tempered glass ensure an high IK rating and a very high efficiency together with a de-glaring effect. It is easy and fast to install the I-Way thanks to the light weight and the compact shape.
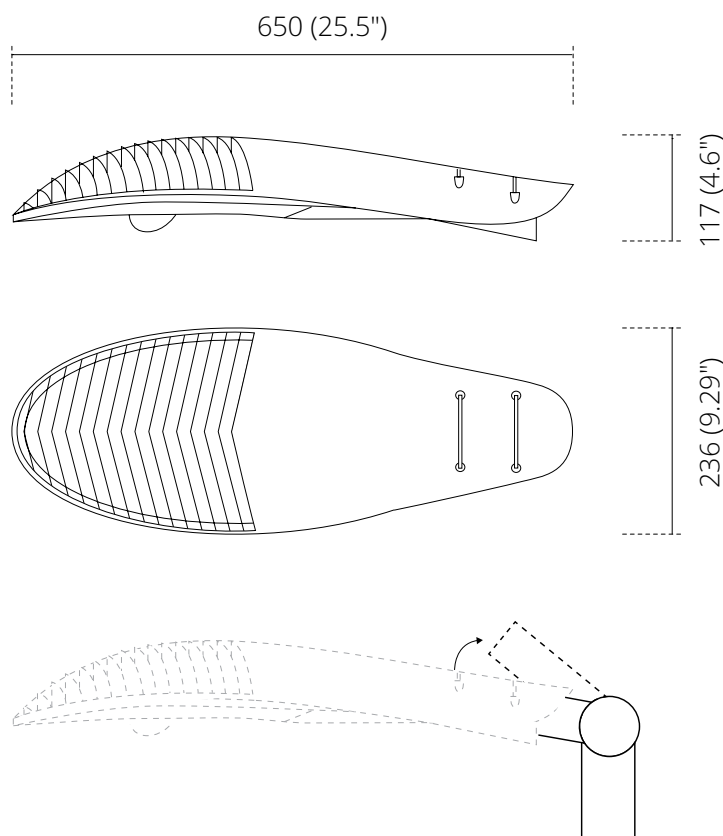
TECHNICAL SPECIFICATION

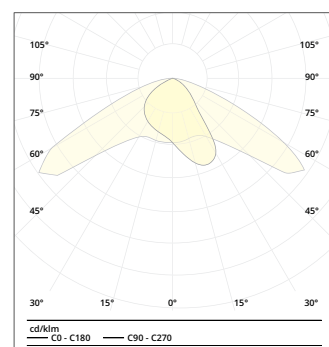|	
REFERRING STANDARDS	IEC 60598-2-3 / IEC 62031 / IEC 62471
NUMBER OF COB	1
NOMINAL CURRENT TO THE LEDS	950 mA
POWER AT SOURCE	55 W
NOMINAL INPUT VOLTAGE	220 - 240 V AC
NOMINAL INPUT FREQUENCY	50-60 Hz
INPUT SOURCE PROTECTION	DM6KV - CM:10 Kv
ELECTRICAL CLASS	II - I upon request
LIGHT INTENSITY REGULATION	1-10 V
PROGRAMMABLE VERSION	Midnight dimming
BEAM ANGLES	2 asymmetrical beam available
STANDARD POLE HEIGHT	7-8 m
INITIAL LUMEN OUTPUT	8800 lm
COLOR TEMPERATURE	4000K (3000K / 5000K upon request)
CRI	> 70
LM OUTPUT LIFETIME	> 50000 h
OPERATING TEMPERATURE	-30°C / +50°C
IP RATING	IP66
IMPACT PROTECTION	IK07
WEIGHT	6,2 Kg
FRONT LENS	Tempered glass cleanable with high pressure water jets

TECHNICAL FEATURES

- High light output

- Integrated power supply (plug and play or programmable with midnight dimming)

- "Metal parts in die casting aluminium with powder painting and stainless steel screws to last"

- "High-brilliant LED light of latest generation technology"

- special glass optic with deglaring effect

- Aerodynamic design with better heat dissipation, low wind resistance and good self cleaning performance

- Fast replacement of the photometric components and power supply in order to update the fitting with the latest technologies
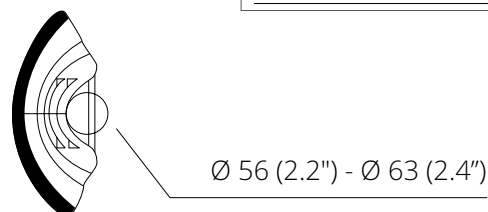
DIMENSIONS
mm (inch)

650 (25.5")

117 (4.6")

236 (9.29")

Ø 56 (2.2") - Ø 63 (2.4")

PHOTOMETRIC DATA

130°

Angle regulator accessory (optional)

installation example

I-Street 110 W

IP66 IK07 ⊕ ▣ C€

HOUSING
Made of die casting aluminum

2 COB
Latest generation

POWER
110 W

The I-Street is very robust and reliable device for urban lighting made of aluminum alloy and stainless screws. It comes with different optics made of glass in order to have the optimal lighting distribution depending on the distance between the poles and the installation height. The lack of the frontal glass ensures a better optical performance and a higher IK rating.

Its shape ensures a low wind resistance and a very high heat transmission for a better LED dissipation. Together with a programmable powers supply, it is the best solution for those users who need to update the urban lighting at a reasonable price.
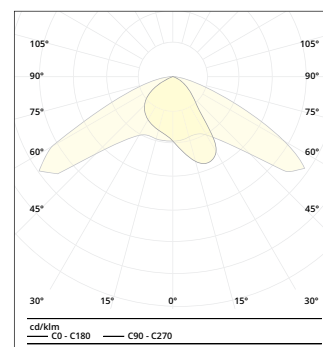
TECHNICAL SPECIFICATION

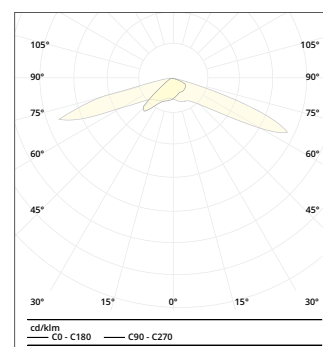|	
REFERRING STANDARDS	IEC 60598-2-3 / IEC 62031 / IEC 62471
NUMBER OF COB	2
NOMINAL CURRENT TO THE LEDS	950 mA
POWER AT SOURCE	110 W
NOMINAL INPUT VOLTAGE	220 - 240 V AC
NOMINAL INPUT FREQUENCY	DM6kV - CM:10kV
INPUT SURGE PROTECTION	50-60 Hz
ELECTRICAL CLASS	II - I upon request
LIGHT INTENSITY REGULATION	1-10 V
PROGRAMMABLE VERSION	Midnight dimming
BEAM ANGLES	asymmetrical beam available
STANDARD POLE HEIGHT	7-8 m
INITIAL LUMEN OUTPUT	17600 lm
COLOR TEMPERATURE	4000K (3000K / 5000K upon request)
CRI	> 70
LM OUTPUT LIFETIME	> 50000 h
OPERATING TEMPERATURE	-30°C / +50°C
IP RATING	IP66
IMPACT PROTECTION	IK07
WEIGHT	9,1 Kg
FRONT LENS	Tempered glass cleanable with high pressure water jets

TECHNICAL FEATURES

- High light output

- Integrated power supply (plug and play or programmable with midnight dimming)

- "Metal parts in die casting aluminium with powder painting and stainless steel screws to last"

- "High-brilliant LED light of latest generation technology"

- special glass optic with deglaring effect

- Aerodynamic design with better heat dissipation, low wind resistance and good self cleaning performance

- Fast replacement of the photometric components and power supply in order to update the fitting with the latest technologies
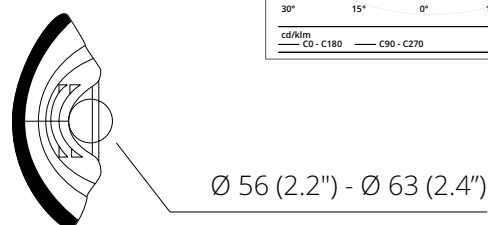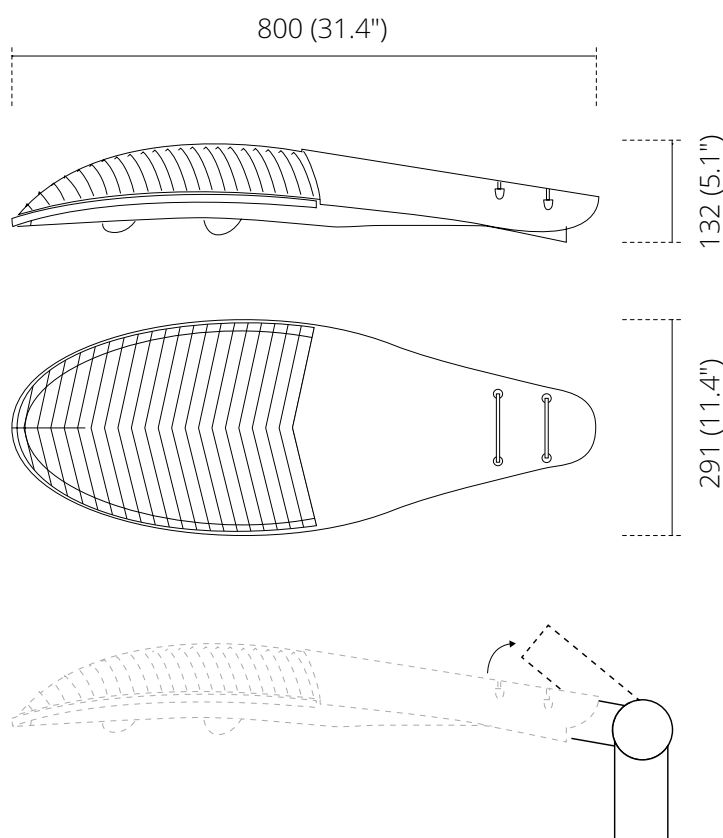
PHOTOMETRIC DATA
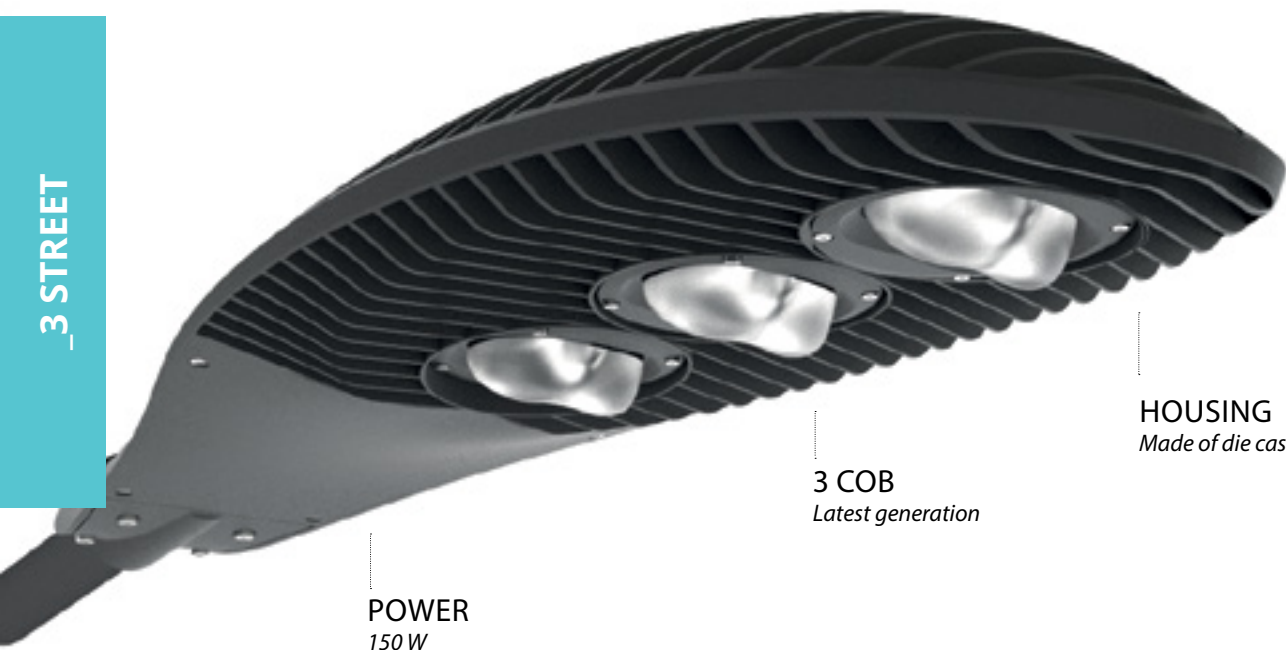

130°

150°

DIMENSIONS

mm (inch)

800 (31.4")

132 (5.1")

291 (11.4")

Ø 56 (2.2") - Ø 63 (2.4")

Angle regulator accessory (optional)

installation example

I-Freeway 150 W

IP66 IK07 ⊕ ▣ CE

_3 STREET

HOUSING
Made of die casting aluminum

3 COB
Latest generation

POWER
150 W

Specifically developed for expressways the I-Freeway is the biggest device of the family. Even if the I-Freeway is a big device, it is one of the lightest in the market. It is available with normal plug and play drive or it can be equipped with the midnight dimming function in order to reduce the power absorption late at night.

The LED module is protected by the optics made of glass and everything is sealed with silicon gaskets. It comes as standard with powder painted dark grey finish, but other colors are available on request. Its structure is projected in order to be future proof for an easy and fast update with the latest technologies.

TECHNICAL SPECIFICATION

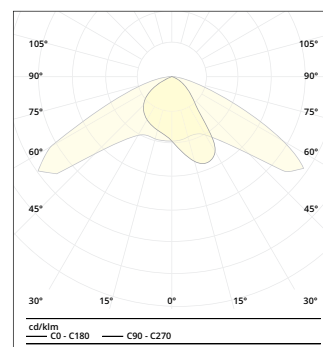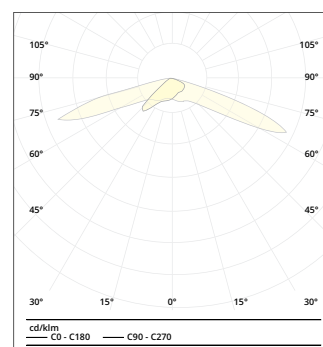|	
REFERRING STANDARDS	IEC 60598-2-3 / IEC 62031 / IEC 62471
NUMBER OF COB	3
NOMINAL CURRENT TO THE LEDS	950 mA
POWER AT SOURCE	150 W
NOMINAL INPUT VOLTAGE	220 - 240 V AC
NOMINAL INPUT FREQUENCY	50-60 Hz
INPUT SURGE PROTECTION	DM6kV - CM:10kV
ELECTRICAL CLASS	II - I upon request
LIGHT INTENSITY REGULATION	1-10 V
PROGRAMMABLE VERSION	Midnight dimming
BEAM ANGLES	asymmetrical beam available
STANDARD POLE HEIGHT	10-12 m
INITIAL LUMEN OUTPUT	26400 lm
COLOR TEMPERATURE	4000K (3000K / 5000K upon request)
CRI	> 70
LM OUTPUT LIFETIME	> 50000 h
OPERATING TEMPERATURE	-30°C / +50°C
IP RATING	IP66
IMPACT PROTECTION	IK07
WEIGHT	13,4 Kg
FRONT LENS	Tempered glass cleanable with high pressure water jets
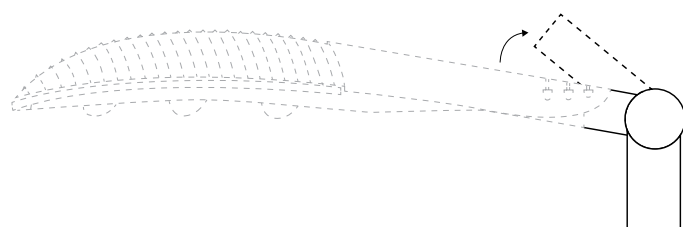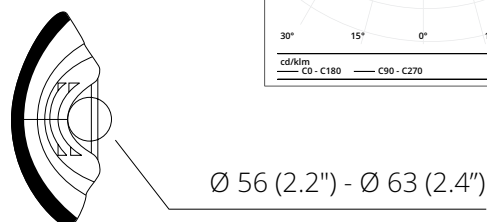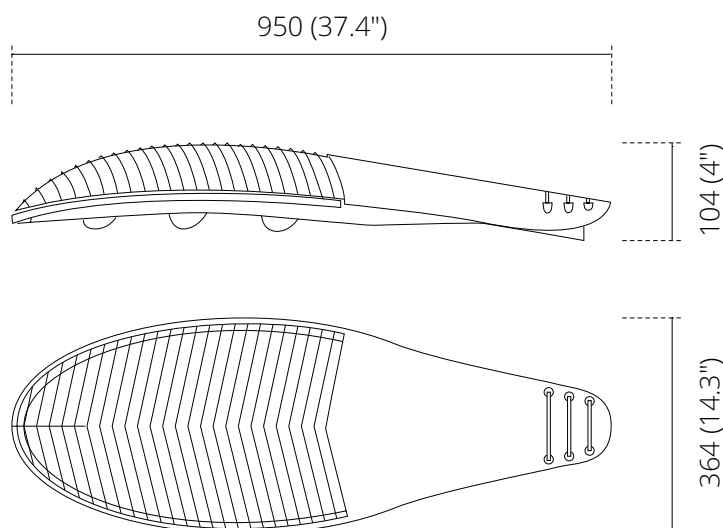
TECHNICAL FEATURES

- High light output
- Integrated power supply (plug and play or programmable with midnight dimming)
- "Metal parts in die casting aluminium with powder painting and stainless steel screws to last"
- "High-brilliant LED light of latest generation technology"
- special glass optic with deglaring effect
- Aerodynamic design with better heat dissipation, low wind resistance and good self cleaning performance
- Fast replacement of the photometric components and power supply in order to update the fitting with the latest technologies

PHOTOMETRIC DATA

130°

150°

DIMENSIONS

mm (inch)

950 (37.4")

104 (4")

364 (14.3")

Ø 56 (2.2") - Ø 63 (2.4")

Angle regulator accessory (optional)

installation example

I-Tech 6th   48 W

IP66 IK08 ⏚ ▣ C E

HOUSING
Aerodynamic structure

ASYMMETRIC OPTICS
with declaring effect

POWER
48 W

The I-Tech 6th is a compact device ideal for car parks, pedestrian areas and cycle paths. It has 6 power LEDs with high luminous flux available with different color temperatures.
The robust structure, the high IP rating and the surge protection ensure a long lasting life with stable performance.

The housing in die cast aluminum alloy is painted in dark grey but other colors are available upon request.
The I-Tech 6th can be just plug and play or with the midnight dimming function for a further power saving.

TECHNICAL SPECIFICATION

|	
REFERRING STANDARDS	IEC 60598-2-3 / IEC 62031 / IEC 62471
NUMBER OF POWER LED	6
NOMINAL CURRENT TO THE LEDS	700 mA
POWER AT SOURCE	48 W
NOMINAL INPUT VOLTAGE	90 - 305 V AC
NOMINAL INPUT FREQUENCY	50-60 Hz
ELECTRICAL CLASS	II - I upon request
LIGHT INTENSITY REGULATION	1-10 V (class II)
PROGRAMMABLE VERSION	Midnight dimming (only for class I)
BEAM ANGLES	Asymmetric
STANDARD POLE HEIGHT	4-7 m
INITIAL LUMEN OUTPUT	7100 lm
COLOR TEMPERATURE	4000K (3000K / 5000K upon request)
CRI	> 70
LM OUTPUT LIFETIME	> 50000 h
OPERATING TEMPERATURE	-30°C / +50°C
IP RATING	IP66
IMPACT PROTECTION	IK08
WEIGHT	6,2 Kg
FRONT GLASS	Tempered glass cleanable with high pressure water jets

TECHNICAL FEATURES

- Cost effective and efficient device
- Fast installation
- Made of robust materials
- Latest generation led
- Surge protection up to 10kV - Line earth for class I
- High IK rating
- High IP rating
- 2 versions available: plug and play and with midnight dimming
- Many color temperatures available
- Aerodynamic structure
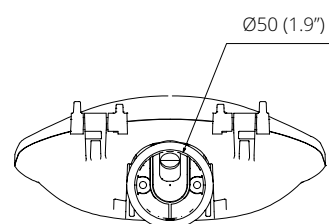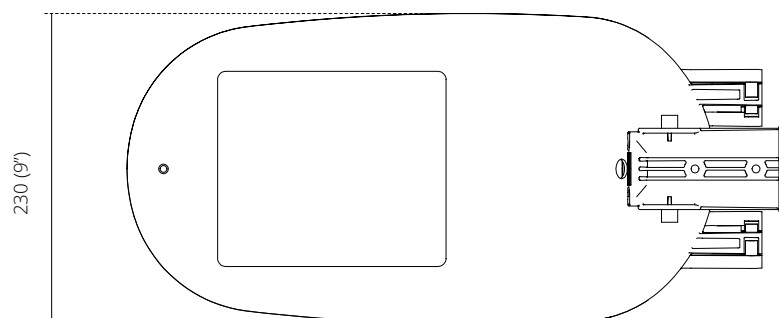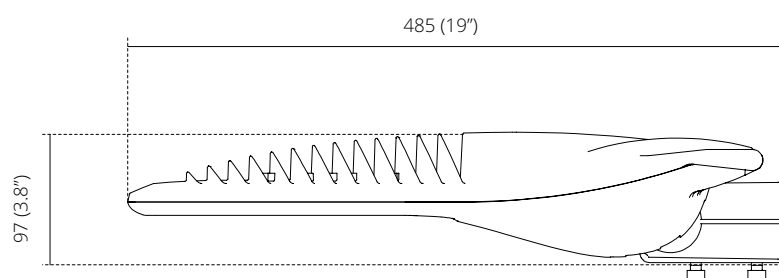- Self cleaning heatsink

PHOTOMETRIC DATA
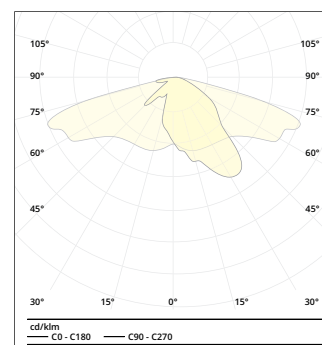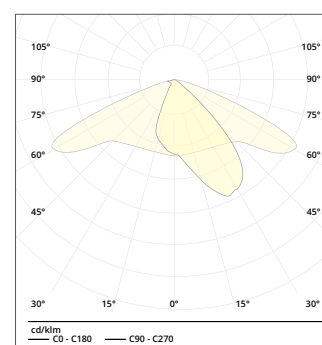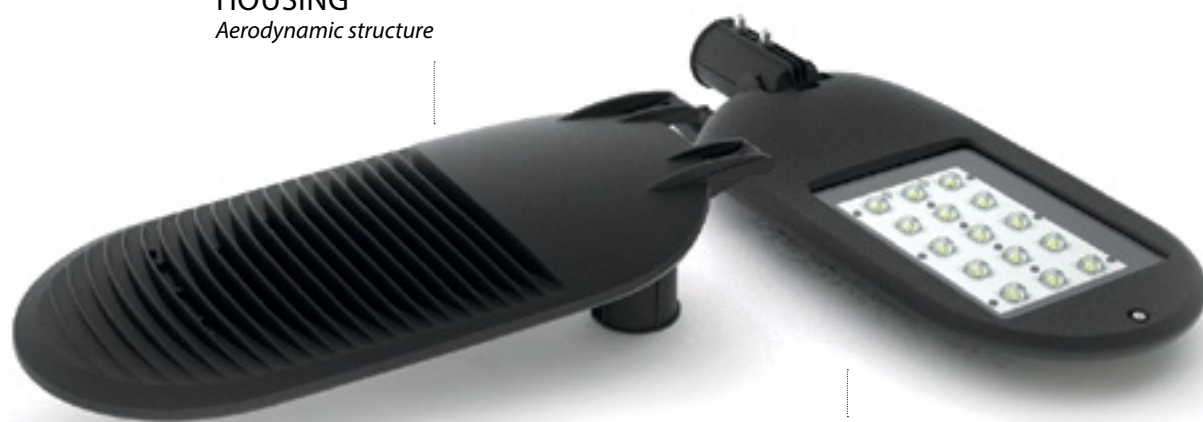

Urban1

Urban2

DIMENSIONS

mm (inch)

485 (19")

97 (3.8")

230 (9")

Ø50 (1.9")

installation example

_3 STREET

I-Tech 15th 110 W

IP66 IK08 ⏚ ▣ C€

HOUSING
Aerodynamic structure

ASYMMETRIC OPTICS
with declaring effect

POWER
110 W

The I-Tech 15th includes energy saving, performance and technology in a single street lighting device. The flat and aerodynamic design make the I-Tech 15th the ideal solution to light up streets in the city centers, In the suburbs, in provincial roads.

The housing in die cast aluminum alloy is painted in dark grey but other colors are available upon request.
Many optics are available in order to have the best lighting design for all the different environments: from the urban street to the to the expressway.
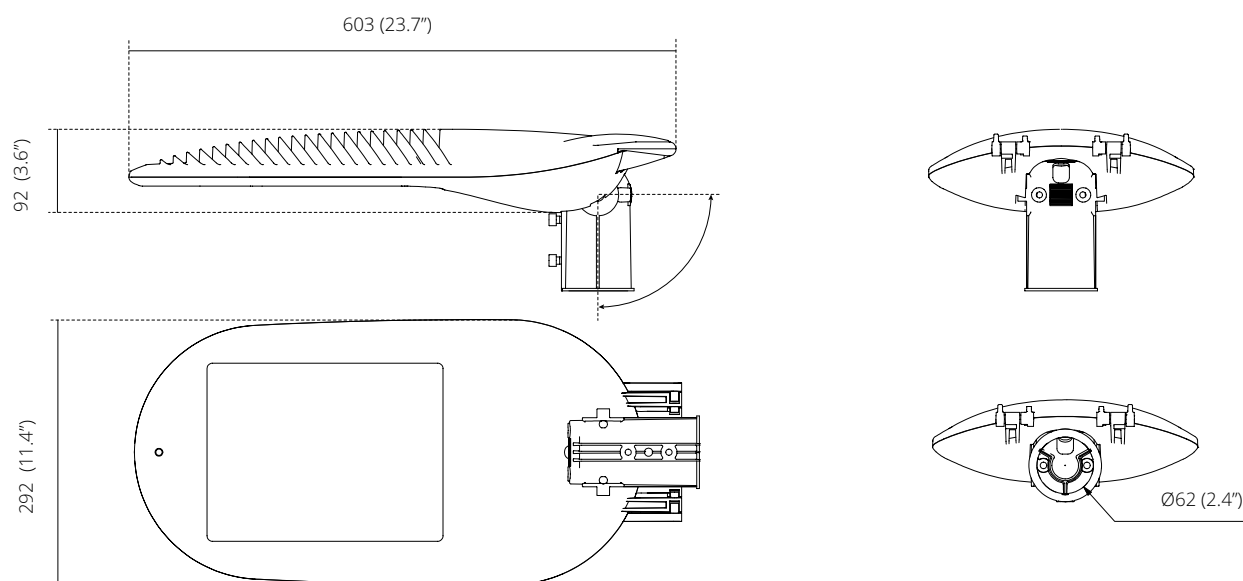
TECHNICAL SPECIFICATION

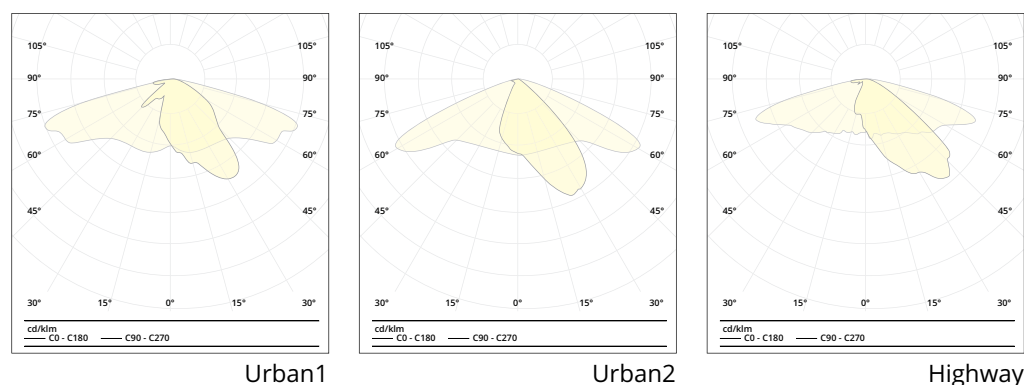|	
REFERRING STANDARDS	IEC 60598-2-3 / IEC 62031 / IEC 62471
NUMBER OF POWER LED	15
NOMINAL CURRENT TO THE LEDS	600 mA
POWER AT SOURCE	110 W
NOMINAL INPUT VOLTAGE	90 - 305 V AC
NOMINAL INPUT FREQUENCY	50-60 Hz
ELECTRICAL CLASS	II - I upon request
LIGHT INTENSITY REGULATION	1-10 V
PROGRAMMABLE VERSION	Midnight dimming
BEAM ANGLES	Asymmetric
STANDARD POLE HEIGHT	7-8 m
INITIAL LUMEN OUTPUT	17900 lm
COLOR TEMPERATURE	4000K (3000K / 5000K upon request)
CRI	> 70
LM OUTPUT LIFETIME	> 50000 h
OPERATING TEMPERATURE	-30°C / +50°C
IP RATING	IP66
IMPACT PROTECTION	IK08
WEIGHT	9,1 Kg
FRONT GLASS	Tempered glass cleanable with high pressure water jets

TECHNICAL FEATURES

- Fast installation
- Made of robust materials
- Latest generation LED array
- Surge protection up to 10kV
- Optics in PMMA for a better optical efficiency
- High IK rating
- High IP rating
- 2 versions available: plug and play and with midnight dimming
- Many color temperatures available
- Aerodynamic structure
- Self cleaning heatsink

DIMENSIONS

mm (inch)

PHOTOMETRIC DATA

Urban1

Urban2

Highway

installation example

I-Play 75 W

IP66 IK07 ⏚ ▣ CE

3 STREET

HOUSING
Made of die casting aluminum

OPTIC
Made of tempered glass

POWER
75 W

COB
Latest generation

I-PLAY is a compact and flexible floodlight suitable for those applications where it is important to have powerful lumen output together with high efficiency and short payback time. The I-PLAY comes without front glass but the high efficiency lens made of tempered glass assures robustness and very good optical performances.

Thanks to the compact dymension the I-PLAY can be used in many different application: sport lighting for small playgrounds, tunnel lighting, industrial lighting, street lighting.
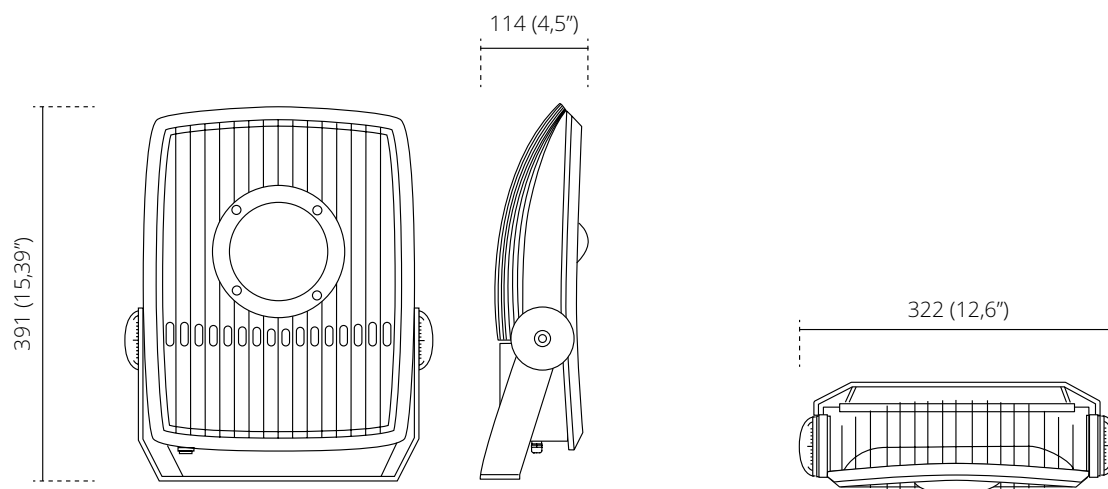
TECHNICAL SPECIFICATION

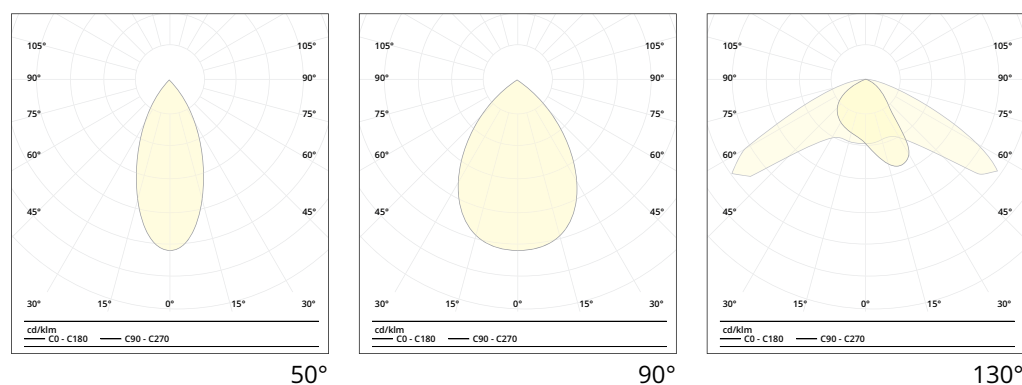|	
REFERRING STANDARDS	IEC 60598-2-5 / IEC 60598-1
NUMBER OF COB	1
NOMINAL CURRENT TO THE LEDS	1400 mA
POWER AT SOURCE	75 W
NOMINAL INPUT VOLTAGE	100-305 V AC
NOMINAL INPUT FREQUENCY	50-60 Hz
ELECTRICAL CLASS	I - II
LIGHT INTENSITY REGULATION	1-10 V
BEAM ANGLES	50°/90° symmetrical- 130° asymmetrical
COLOR TEMPERATURE	4000K (3000K / 5000K upon request)
INITIAL LUMEN OUTPUT	11500 lm
CRI	> 70
LM OUTPUT LIFETIME	> 50000 h
OPERATING TEMPERATURE	-30°C / +50°C
IP RATING	IP66
IMPACT PROTECTION	IK07
WEIGHT	6 Kg
FRONT LENS	Tempered glass cleanable with high pressure water jets

TECHNICAL FEATURES

- High light output
- Integrated power supply
- "Metal parts in die casting aluminium with powder painting and stainless steel screws to last"
- "High-brilliant LED light of latest generation technology"
- special glass optic with deglaring effect (only for 130°)
- Design with better heat dissipation and good self cleaning performance
- Fast replacement of the photometric components and power supply in order to update the fitting with the latest technologies

DIMENSIONS

mm (inch)

PHOTOMETRIC DATA

50°

90°

130°

79

installation example

eBLACK AIR 160 / 325 / 650 / 970 / 1300 W **IP66 IK06** ⏚ C€

_3 STREET

LED
High-brilliant LED light of latest generation technology

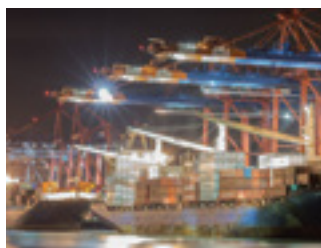

POWER
160 - 1300 W

TEMPERED GLASS
High transparency 4mm thick

The eBLACK AIR family is perfect for airports, railway stations, ports, important road crossings and large areas.
The eBLACK AIR allows uniform light distribution with declaring effect in compliance with the "dark skies" rules.
The housing is fully made of aluminum alloy with black anodized finish and stainless steel frame that grants a long lasting life even in high polluted environments and near the seaside. It comes with standard color temperature of 4000K and CRI>70.

TECHNICAL FEATURES

- High light output
- CUT OFF light distribution
- Modular design
- Metal parts in black anodized aluminum and stainless steel
- High-brilliant LED light of latest generation technology
- Deglaring optics
- Standard color temperature 4000K (other color temperatures available on request)
- Standard CRI>70 (higher CRI available on request)
- Dimmable with 1-10V or external PWM (DALI control is available on request)
- Fully flicker free
- High IP rating
- Cleanable with water jets
- High transparency tempered glass 4mm thick
- Possibility to customize the bracket

TECHNICAL SPECIFICATION

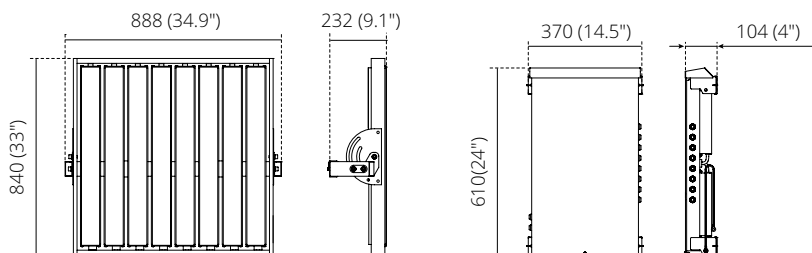|	eBLACK-AIR 8	eBLACK-AIR 6	eBLACK-AIR 4	eBLACK-AIR 2	eBLACK-AIR 1
REFERRING STANDARDS	IEC 60598-1 / IEC 60598-2-5 / IEC 62471	IEC 60598-1 / IEC 60598-2-5 / IEC 62471	IEC 60598-1 / IEC 60598-2-5 / IEC 62471	IEC 60598-1 / IEC 60598-2-5 / IEC 62471	IEC 60598-1 / IEC 60598-2-5 /IEC 62471
LIGHTING MODULES NUMBER	8	6	4	2	1
NOMINAL CURRENT TO THE LEDS	900 mA	900 mA	900 mA	900 mA	900 mA
POWER AT SOURCE	1300 W	970 W	650 W	325 W	160 W
NOMINAL INPUT VOLTAGE	90-260 Vac	90-260 Vac	90-260 Vac	90-260 Vac	90-260 Vac
NOMINAL INPUT FREQUENCY	50-60 Hz	50-60 Hz	50-60 Hz	50-60 Hz	50-60 Hz
LIGHT INTENSITY REGULATION	1-10 Vdc / 10% - 100%	1-10 Vdc / 10% - 100%	1-10 Vdc / 10% - 100%	1-10 Vdc / 10% - 100%	1-10 Vdc / 10% - 100%
BEAM ANGLES (*)	Asymmetric distribution	Asymmetric distribution	Asymmetric distribution	Asymmetric distribution	Asymmetric distribution
MINIMUM HEIGHT TO FIX	> 15 m	> 15 m	> 15 m	> 7 m	> 7 m
MOUNTING POSITION	Cut off	Cut off	Cut off	Cut off	Cut off
INITIAL LUMEN OUTPUT (**)	197000 lm	147800 lm	98500 lm	49200 lm	24600 lm
COLOR TEMPERATURE (***)	4000 K	4000 K	4000 K	4000 K	4000 K
LM OUTPUT LIFETIME	> 50000 h	> 50000 h	> 50000 h	> 50000 h	> 50000 h
OPERATING TEMPERATURE	-30°C / +50°C	-30°C / +50°C	-30°C / +50°C	-30°C / +50°C	-30°C / +50°C
IP RATING	IP66	IP66	IP66	IP66	IP66
IMPACT PROTECTION	IK06	IK06	IK06	IK06	IK06
WEIGHT	38 Kg	28 Kg	20 Kg	12 Kg	6,5 Kg
STANDARD LENGTH OF THE WIRE	1m cable + connector	1m cable + connector	1m cable + connector	1m cable + connector	1m cable + connector
FRONT GLASS	Cleanable with high pressure water jets	Cleanable with high pressure water jets	Cleanable with high pressure water jets	Cleanable with high pressure water jets	Cleanable with high pressure water jets

(*) Other beams are available on request
(**) Luminous flux referred to 4000K CRI 70 @ Tj 85° C
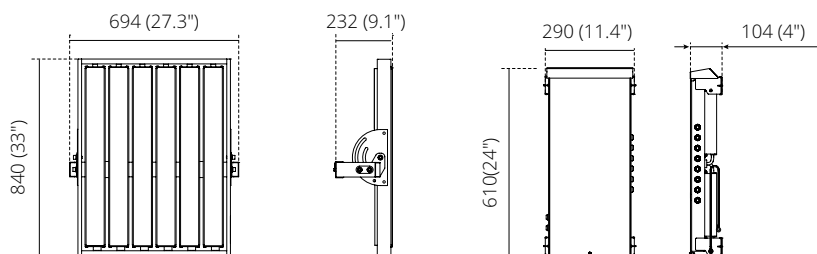(***) Other color temperatures are available on request
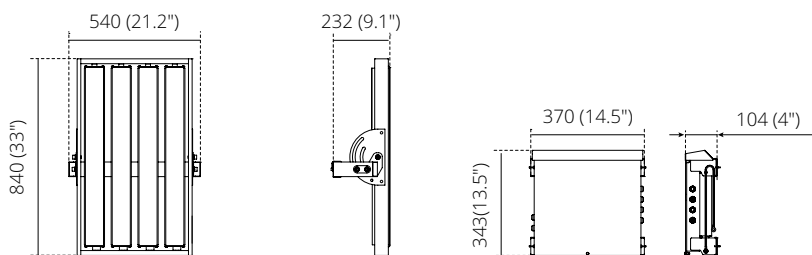
_3 STREET

eBLACK-AIR 8
1300W / 168000 lm

888 (34.9")
232 (9.1")
370 (14.5")
104 (4")
840 (33")
610(24")

Separated Power box

eBLACK-AIR 6
970W / 126000lm

694 (27.3")
232 (9.1")
290 (11.4")
104 (4")
840 (33")
610(24")

Separated Power box

eBLACK-AIR 4
650W / 84000lm

540 (21.2")
232 (9.1")
840 (33")
370 (14.5")
104 (4")
343(13.5")
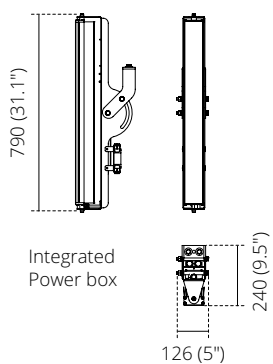
Separated Power box

eBLACK-AIR 2
325W / 42000lm

eBLACK-AIR 1
160W / 21000lm

790 (31.1")
790 (31.1")

Integrated Power box
244 (9.6")
218 (8.6")

Integrated Power box
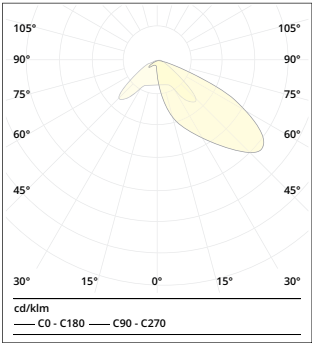240 (9.5")
126 (5")

PHOTOMETRIC DATA

**POLAR DIAGRAM
CO-1**

**POLAR DIAGRAM
CO-2**

**POLAR DIAGRAM
CO-3**

4

COMMERCIAL

_4 COMMERCIAL

eBLACK KOMPACT 150 / 300 W

IP66 IK06 ⏚ CE

LED COLOR
White

LED
*High-brilliant LED light of
latest generation technology*

POWER
300 W

POWER
150 W

eBLACK-KOMPACT is an extreme powerful fixture designed for lighting indoor playgrounds and big warehouses.
eBLACK-KOMPACT, available with several optics, allows to achieve a very high uniformity on the floor. The black anodized aluminum housing ensures a high dissipation even in very hot places like the attics.

The high precision optic ensures a low glaring experience during the match.
The super bright tempered glass gives strengths to the impacts up to IK06. It can be used with brackets or hung with a stainless steel wire.

TECHNICAL SPECIFICATION

	eBLACK-KOMPACT 2	eBLACK-KOMPACT 1
REFERRING STANDARDS	IEC 60598-1 / IEC 60598-2-5 / IEC 62471	IEC 60598-1 / IEC 60598-2-5 / IEC 62471
LIGHTING MODULES NUMBER	2	1
POWER AT SOURCE	300 W	150 W
NOMINAL CURRENT TO THE LEDS	1000 mA	1000 mA
LIGHT INTENSITY REGULATION	1-10 V DC / 10% - 100%	1-10 V DC / 10% - 100%
BEAM ANGLES (*)	36° / 60° / 80°	36° / 60° / 80°
MINIMUM HEIGHT TO FIX	> 5 m	> 5 m
INITIAL LUMEN OUTPUT (**)	> 42000 lm	> 21900 lm
COLOR TEMPERATURE (***)	6500 K / 4000 K	6500 K / 4000 K
CRI	> 70	> 70
LM OUTPUT LIFETIME	> 50000 h	> 50000 h
OPERATING TEMPERATURE	-30°C / +50°C	-30°C / +50°C
IP RATING	IP66	IP66
IMPACT PROTECTION	IK06	IK06
WEIGHT	7 Kg	3,5 Kg
WEIGHT WITH BACKET INCLUDED	12 Kg	6,5 Kg
FRONT GLASS	Cleanable with high pressure water jets	Cleanable with high pressure water jets

(*) Other beams are available on request
(**) Luminous flux referred to 4000K CRI 70 @ Tj 85° C
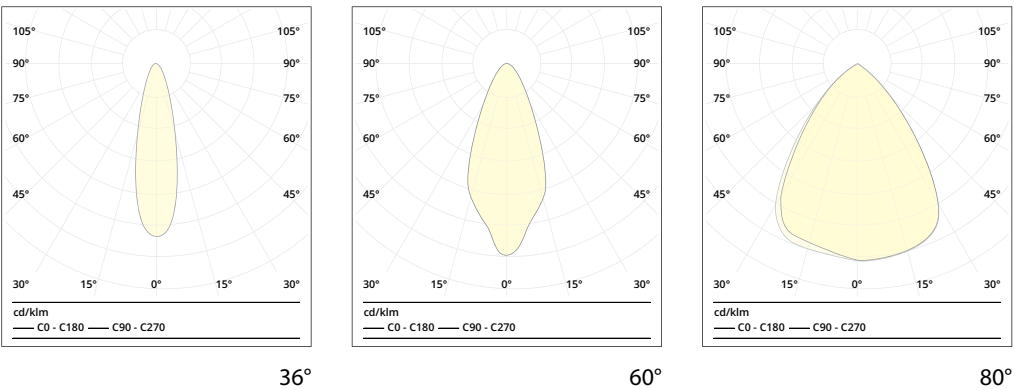(***) Other color temperatures are available on request

TECHNICAL FEATURES

- · High light output
- · Versatile and modular for every need
- · Metal parts in black anodized aluminum and stainless steel screws to last, completely designed and made in Italy
- · High-brilliant LED light of latest generation technology
- · Light intensity control (dimmer)
- · Customizable optics and fixing brackets
- · Flicker free (supports the latest tv broadcasting standards)

DIMENSIONS

mm (inch)

340 (13.4") 785 (30.9") 150 (5.9") 785 (30.9")
150 (5.9") 120 (4.7")

PHOTOMETRIC DATA

cd/klm
—— C0 - C180 —— C90 - C270

36°   60°   80°

installation example

Axel 25 W

IP40 ⬨ CE

COB
High-brilliant LED light of latest generation technology

POWER
25 W

FRONT FINISH
White powder painted in RAL 9003

The Axel is a compact solution for ceiling recessed applications suitable for lighting up shops, museums or restaurants. The spot can rotate and tilt of your choosing thanks to a 2 axis system.

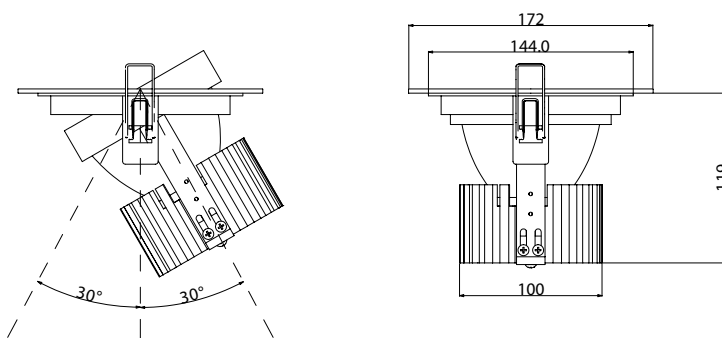This system allows the user to easily aim with precision without the needs of tools. The different optics available on request together with a high CRI Led of the latest technology, make the spot the perfect solution for the most demanding light designers.

TECHNICAL SPECIFICATION

REFERRING STANDARDS	IEC 60598-1
LED	1
NOMINAL INPUT FREQUENCY	38 V DC
NOMINAL CURRENT TO THE LEDS	700 mA
POWER AT SOURCE	25 W
INSULATION CLASS	III
BEAM ANGLES	13° / 38° / 50°
LUMINOUS FLUX (*)	3500 lm
COLOR TEMPERATURE	2700 K / 3000 K / 4000 K
CRI	80 / 90 / 97
LM OUTPUT LIFETIME	> 50000 h
OPERATING TEMPERATURE	-15°C / +45°C
IP RATING	IP40
WEIGHT	1,1 Kg
HOLE	Ø 145 mm

(*) Luminous flux referred to 3000K and CRI80

DIMENSIONS

mm (inch)

TECHNICAL FEATURES

- High luminous flux
- Housing in anodized aluminum and powder painted in white RAL 90003
- Latest generation COB with high CRI
- Many optics available
- High precision reflectors in polished aluminum

PHOTOMETRIC DATA

13°

38°

50°

installation example

Flare 25 W / 40 W

IP40 ⏚ CE
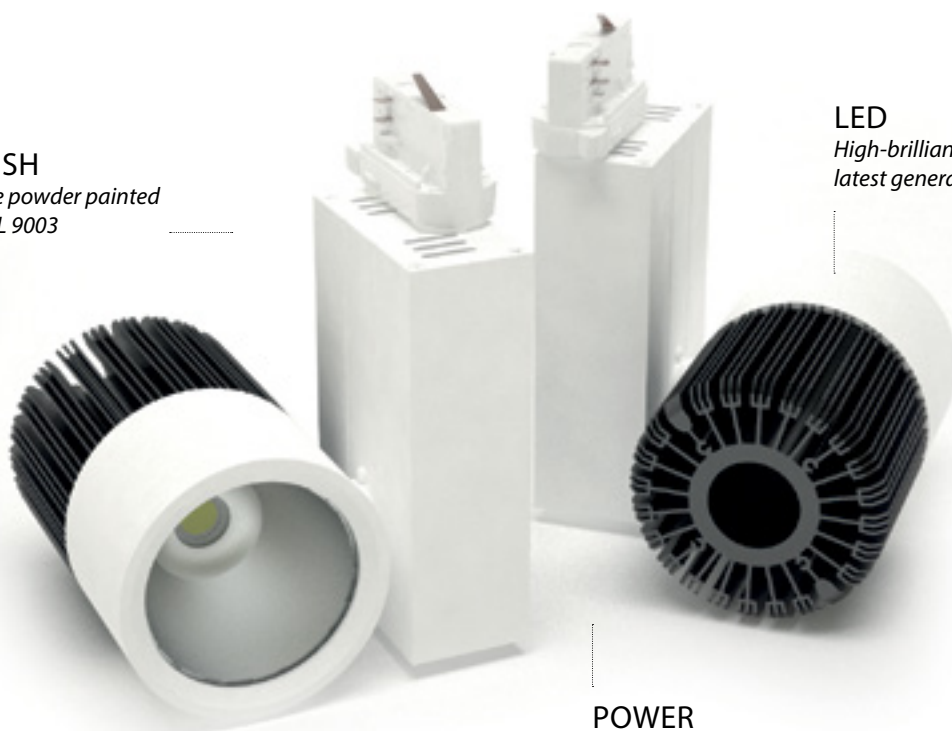
_4 COMMERCIAL

FINISH
*White powder painted
in RAL 9003*

LED
*High-brilliant LED light of
latest generation technology*

POWER
25 W / 40 W

The FLARE family is composed by high performing LED spotlights ideal for shops, museums, groceries, retail etc. They are available with different color temperatures (3000K or 4000K as standard) also with high CRI (standard >80). They are also available with different optics: from narrow to very wide to allow the designer to get accurate lighting distribution and high uniformity. The FLARE is made of aluminium alloy painted in white with black anodized heatsink. Suitable for three circuit track.
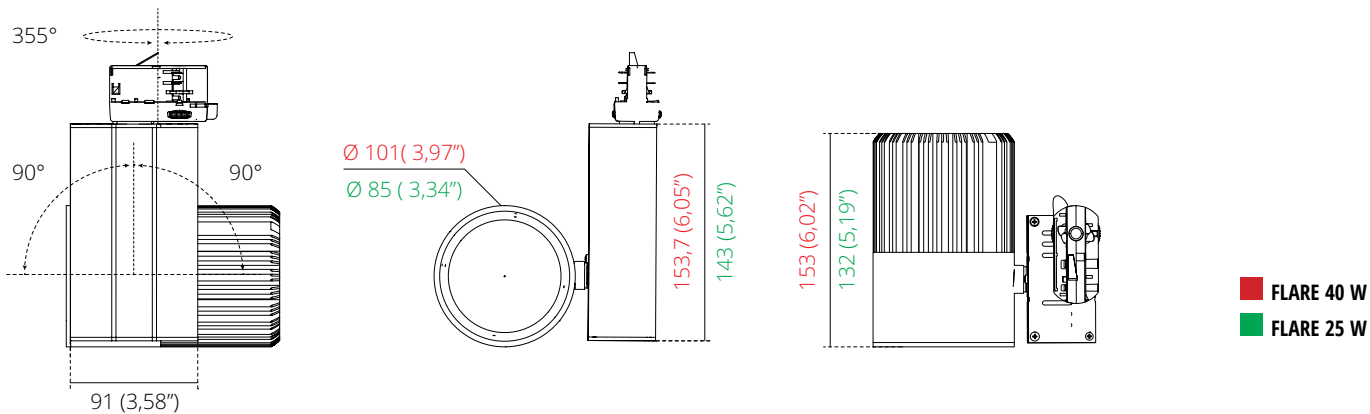
TECHNICAL SPECIFICATION

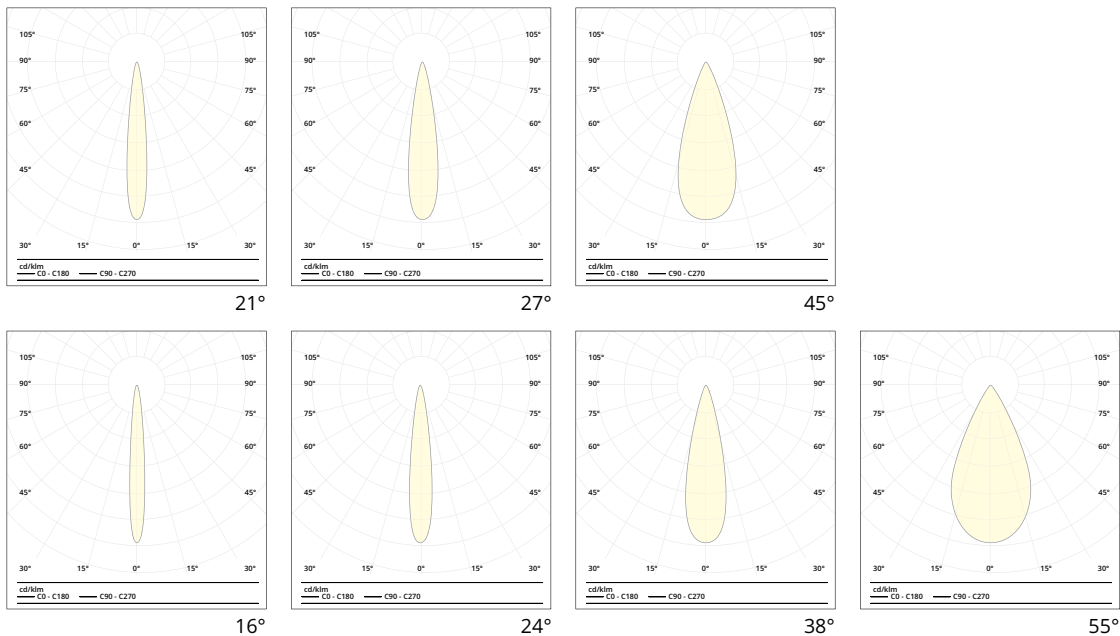|	FLARE 25 W	FLARE 40 W
REFERRING STANDARDS	IEC 60598-1	IEC 60598-1
LED	1	1
NOMINAL INPUT VOLTAGE	220 - 240 V AC	220 - 240 V AC
NOMINAL INPUT FREQUENCY	50 - 60 Hz	50 - 60 Hz
NOMINAL CURRENT TO THE LEDS	700 mA	1050 mA
POWER AT SOURCE	25 W	40 W
INSULATION CLASS	I	I
CONNECTION	Three phase connector for standard track	Three phase connector for standard track
BEAM ANGLES	21° / 27° / 45°	16° / 24° /38° /55°
LUMINOUS FLUX	> 3500 lm	> 5000 lm
COLOR TEMPERATURE	2700 K / 3000 K / 4000 K	2700 K / 3000 K / 4000 K
CRI	80 / 90 / 97	80 / 90 / 97
LM OUTPUT LIFETIME	> 50000 h	> 50000 h
OPERATING TEMPERATURE	-15°C / +45°C	-15°C / +45°C
IP RATING	IP40	IP40
BODY ROTATION	355°	355°
TILT ANGLE	180°	180°
WEIGHT	1,1 Kg	1,2 Kg

TECHNICAL FEATURES

- High luminous flux
- Housing in anodized aluminum and powder painted in white
- RAL 90003
- Latest generation COB with high CRI
- Many optics available
- High precision reflectors in polished aluminum

DIMENSIONS

mm (inch)

355°
90° 90°
91 (3,58")

Ø 101(3,97")
Ø 85 (3,34")

153,7 (6,05")
143 (5,62")

153 (6,02")
132 (5,19")

FLARE 40 W
FLARE 25 W

PHOTOMETRIC DATA

FLARE 25 W

21°
27°
45°

16°
24°
38°
55°

Nova INDOOR   12 W/m or 25 W/m

IP40   CE

LED COLOR
White (cool, warm, neutral) / Red / Green / Blue
+ extra color Orange / Lime / Royal Blue

FINISHING
Black / Silver / White

POWER
12 W/m or
25 W/m

NOVA indoor is a thin LED bar for indoor lighting. Its small size allows to hide NOVA in many places to realize direct and indirect illumination. NOVA is the perfect solution for cove lighting and under cabinet lighting.The high light output allows to use NOVA for functional and for decorative lighting.
It works at 24V DC and is available in many color temperatures, from 2200K up to 4000K, with minimum CRI 80.

NOVA allows to choose from many colors besides white: red, orange, green blue, lime and royal blue.
It comes in many lengths: from 30cm up to 2m and it is possible to fix it with clips on the ceiling or hung it with steel threads.
It is possible to change brightness with 1-10V or with DMX depending on the external power supply.
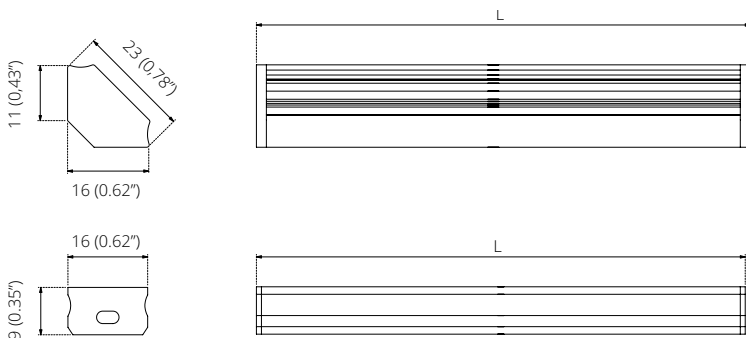
TECHNICAL SPECIFICATION

REFERRING STANDARDS	IEC 60598-1 /IEC 60598-2-5 / IEC 62471
NOMINAL CURRENT TO THE LEDS	60 mA - 100 mA
POWER AT SOURCE	12 W/m - 25 W/m
NOMINAL INPUT VOLTAGE	24 V dc
LIGHT INTENSITY REGULATION	1-10 V / DMX (External power supply)
BEAM ANGLES	symmetric wide
MOUNTING POSITIONS	Any
INITIAL LUMEN OUTPUT @ 4000 K	> 3500 lm/m @ 25 W/m
COLORED LIGHT	Red, Orange, Green, Lime, Blue, Royal blue
COLOR TEMPERATURE (*)	2200 K / 3000 K / 4000 K
LM OUTPUT LIFETIME	> 50000 h
OPERATING TEMPERATURE	-30°C / +50°C
IP RATING	IP40
WEIGHT	250 g/m
STANDARD LENGTH OF THE WIRE	1,5 m
LENGTHS	from 0,3 m (12") up to 2 m (78,7")

(*) Other color temperatures are available on request

TECHNICAL FEATURES

- High light output
- Metal parts in anodized aluminum alloy with black, silver or white finish
- High-brilliant LED light of latest generation technology
- Transparent or opal cover
- Transparent clips for indoor versions
- Thermal management with passive cooling
- Trasparent output cable
- Many lengths available

DIMENSIONS

mm (inch)

PHOTOMETRIC DATA

cd/klm
— C0 - C180 — C90 - C270

120°

color LED available

installation example

I-Bay 118-140 118 W / 140 W   IP66 IK08 ⊕ CE

_4 COMMERCIAL

HOUSING
Made of die cast aluminum

LED
*High-brilliant LED light of
latest generation technology*

POWER
118 W / 140 W

The I-BAY 118-140 is the ideal solution for harsh environments like warehouses, factory plants, logistic areas and indoor sports facilities. It's main feature is the amazing robustness: the fixture doesn't need maintenance and the high reliability ensures long lasting life even at high temperatures.
The high efficiency LED combined with the high precision optics grant a powerful luminous flux that allow the user to replace the old lamps with traditional technology and get a

fast and sure payback time in old installations and allow the designer to optimize the lighting design in new projects.
The high IK08 rating allows the use also in indoor sport facilities like tennis courts.
There are several beams available including the high-rack optics that are engineered to illuminate vertical planes with exceptionally high accuracy in order to optimize the lighting design in warehouses.

TECHNICAL SPECIFICATION

|	
REFERRING STANDARD	IEC 60598-1
LED	40
NOMINAL INPUT VOLTAGE	220 - 240 V AC
NOMINAL INPUT FREQUENCY	50 - 60 HZ
NOMINAL CURRENT TO THE LEDS	500 mA - 600 mA
POWER AT SOURCE	118W / 140W
INSULATION CLASS	I
CONNECTION	Free end cable
BEAM ANGLE	50° / 100 ° / 20°X115°
LUMINOUS FLUX	17200 lm / 19300 lm
COLOR TEMPERATURE (*)	4000 K
CRI (**)	min 70
LM OUTPUT LIFETIME	>50000H
OPERATING TEMPERATURE	-15°C / +50°C
IP RATING	IP66
IK RATING	IK08
WEIGHT	7,5 Kg

(*) Other color temperatures upon request
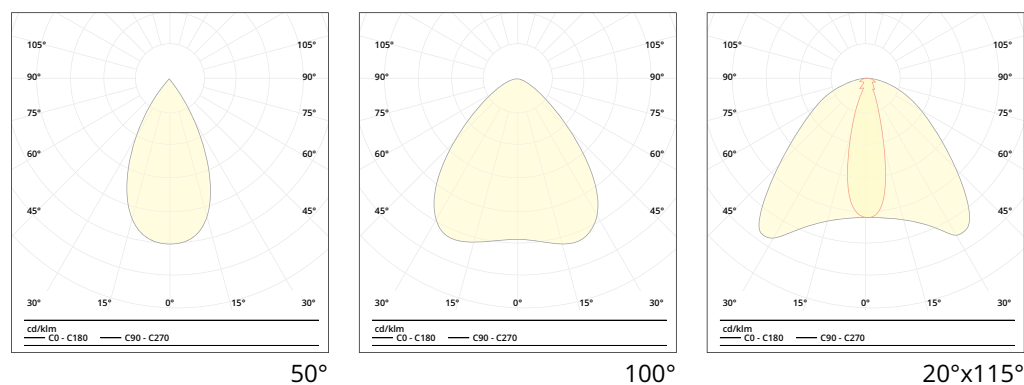(**) Higher CRI available upon request

TECHNICAL FEATURES

- High light output
- Housing made of die cast aluminium
- High brilliant LED
- Different color temperatures
- Standard CRI >70
- Thermal management with passive cooling
- High IP rating
- High Ik rating
- Specific optics for warehouses

DIMENSIONS

mm (inch)

PHOTOMETRIC DATA

50°

100°

20°x115°
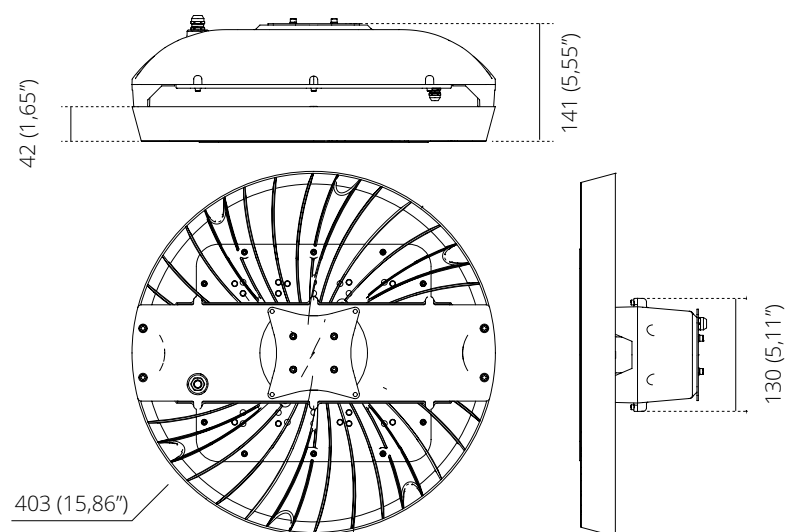
installation example

I-Bay 200 190 W

IP66 IK08 ⏚ C€

HOUSING
Made of die cast aluminum

LED
High-brilliant LED light of latest generation technology

POWER
190 W

The I-BAY 200 is the ideal solution for harsh environments like warehouses, factory plants, logistic areas and indoor sports facilities. It's main feature is the amazing robustness: the fixture doesn't need maintenance and the high reliability ensures long lasting life even at high temperatures.

The high efficiency LED combined with the high precision optics grant a powerful luminous flux that allow the user to replace the old lamps with traditional technology and get a fast and sure payback time in old installations and allow the designer to optimize the lighting design in new projects.

The high IK08 rating allows the use also in indoor sport facilities like tennis courts.

There are several beams available including the high-rack optics that are engineered to illuminate vertical planes with exceptionally high accuracy in order to optimize the lighting design in warehouses.

TECHNICAL SPECIFICATION

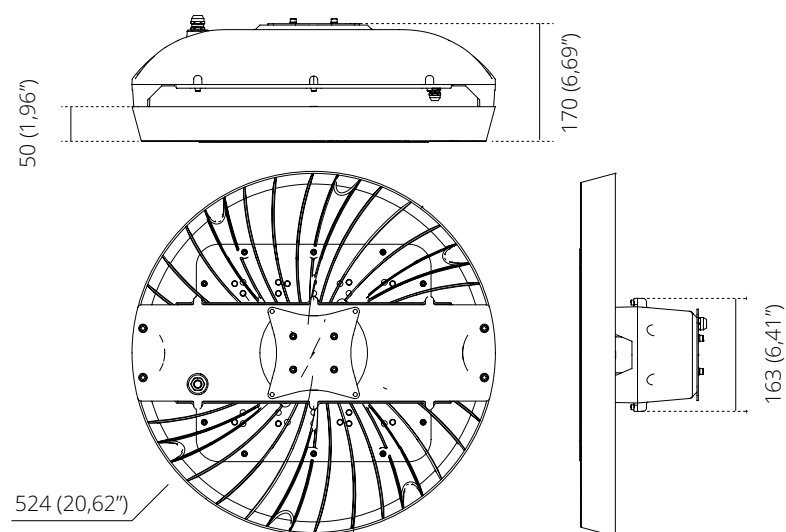|	
REFERRING STANDARD	IEC 60598-1
LED	96
NOMINAL INPUT VOLTAGE	220 - 240 V AC
NOMINAL INPUT FREQUENCY	50 - 60 HZ
NOMINAL CURRENT TO THE LEDS	350 mA
POWER AT SOURCE	190 W
INSULATION CLASS	I
CONNECTION	Free end cable
BEAM ANGLE	50° / 100° / 20°X115°
LUMINOUS FLUX	30900 lm
COLOR TEMPERATURE (*)	4000 K
CRI (**)	min 70
LM OUTPUT LIFETIME	>50000H
OPERATING TEMPERATURE	-15°C / +50°C
IP RATING	IP66
IK RATING	IK08
WEIGHT	11 Kg

(*) Other color temperatures upon request
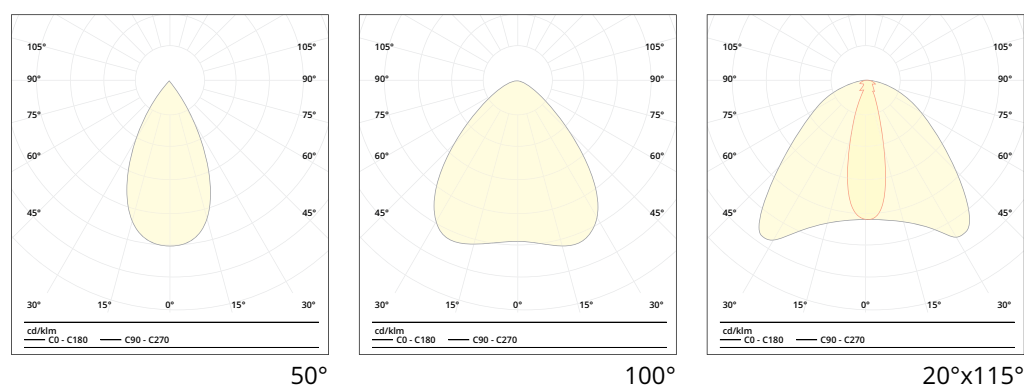(**) Higher CRI available upon request

TECHNICAL FEATURES

- High light output
- Housing made of die cast aluminium
- High brilliant LED
- Different color temperatures
- Standard CRI >70
- Thermal management with passive cooling
- High IP rating
- High Ik rating
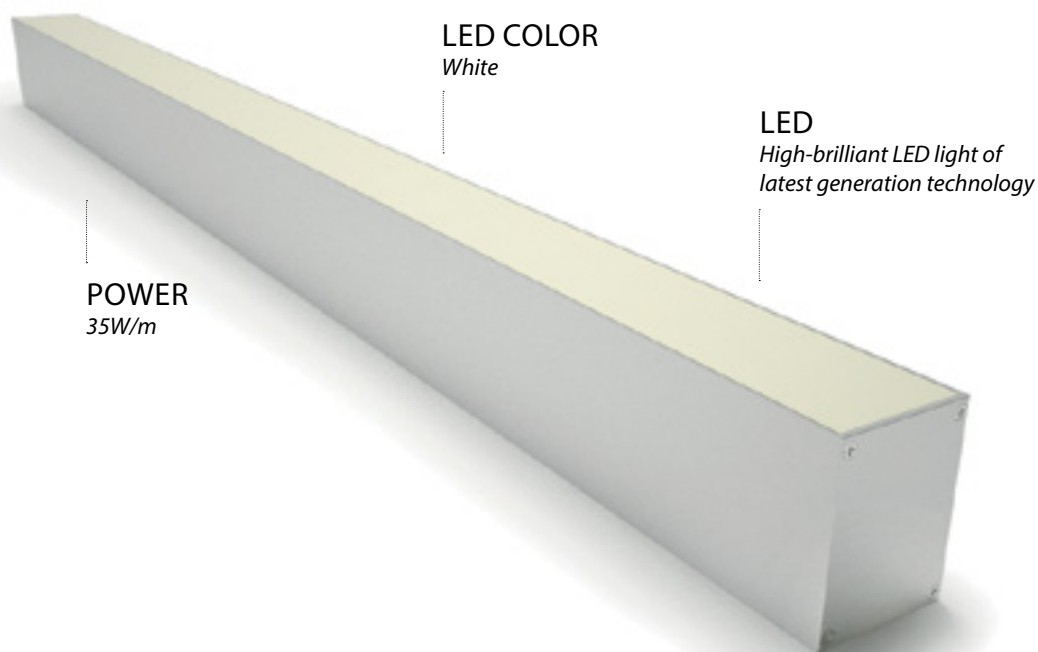- Specific optics for warehouses

DIMENSIONS

mm (inch)

50 (1,96")
170 (6,69")
163 (6,41")
524 (20,62")

PHOTOMETRIC DATA

cd/klm
C0 - C180   C90 - C270

50°

cd/klm
C0 - C180   C90 - C270

100°

cd/klm
C0 - C180   C90 - C270

20°x115°

Bravo 35W/m W

IP40

_4 COMMERCIAL

LED COLOR
White

LED
*High-brilliant LED light of
latest generation technology*

POWER
35W/m

BRAVO is a WHITE led bar for indoor applications.

The housing made of anodized aluminum alloy hosts a powerful LED module that is hidden by a de-glaring lens: the result is a continuous line of powerful light. BRAVO is available in different lengths (from 1 m up to 3m) with integrated electronic for the dimming functions.

BRAVO WHT can be "plug and play" or dimmable thanks to DMX512 protocol. It can be recessed in the ceiling, vertically in the wall or hung with steel threads.

It is possible to choose among fixed color temperatures (2200K, 3000K, 4000K) or dynamic white with an amazing luminous flux of 6000lm/m @ 4000K.
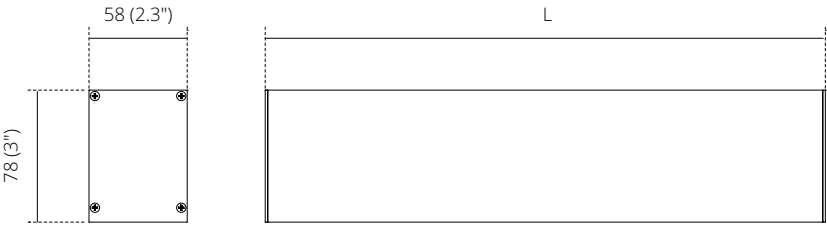
TECHNICAL SPECIFICATION

	BRAVO Easy	**BRAVO Dynamic**
REFERRING STANDARDS	IEC 60598-1 / IEC 60598-2-5 / IEC 62471	IEC 60598-1 / IEC 60598-2-5 / IEC 62471
NOMINAL CURRENT TO THE LEDS	100 mA	100 mA
POWER AT SOURCE	35 W/m	35 W/m
NOMINAL INPUT VOLTAGE	220 - 240 V AC	220 - 240 V AC
LIGHT INTENSITY REGULATION	-	0%-100% With DMX512
BEAM ANGLES	120°	120°
MOUNTING POSITIONS	Recessed / Hung	Recessed / Hung
INITIAL LUMEN OUTPUT 4000K	> 6000 lm / m	> 6000 lm / m
COLOR TEMPERATURE (*)	2200K / 3000K / 4000K	2200K / 4000K
CRI	80 - 90	80 - 90
LM OUTPUT LIFETIME	> 50000 h	> 50000 h
OPERATING TEMPERATURE	-30°C / +40°C	-30°C / +40°C
IP RATING	IP40	IP40
WEIGHT	1,8 Kg/m	1,8 Kg/m
STANDARD LENGTH OF THE WIRE	2 m	2 m
FRONT COVER	Milky white	Milky white

(*) Other color temperatures are available on request

TECHNICAL FEATURES

- High light output
- Available in different lengths
- Integrated DMX control (integrated power supply)
- Metal parts in silver anodized aluminum
- High-brilliant LED light of latest generation technology
- Addressable with RDM (Only Dynamic)
- Deglaring cover with milky white finish
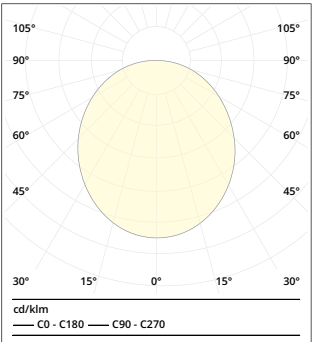- Dynamic white from 2200K up to 4000K
- High CRI

DIMENSIONS

mm (inch)

58 (2.3") 78 (3") L

RECESSED [L]	509 (20) *	970 (38)	1431 (56.3)	1903 (75)	2364 (93)	2825 (111)
HUNG [L]	470 (18.5) *	930 (36.6)	1400 (55.1)	1855 (73)	2325 (91.5)	2775 (109.2)

(*) Only for Bravo easy

PHOTOMETRIC DATA
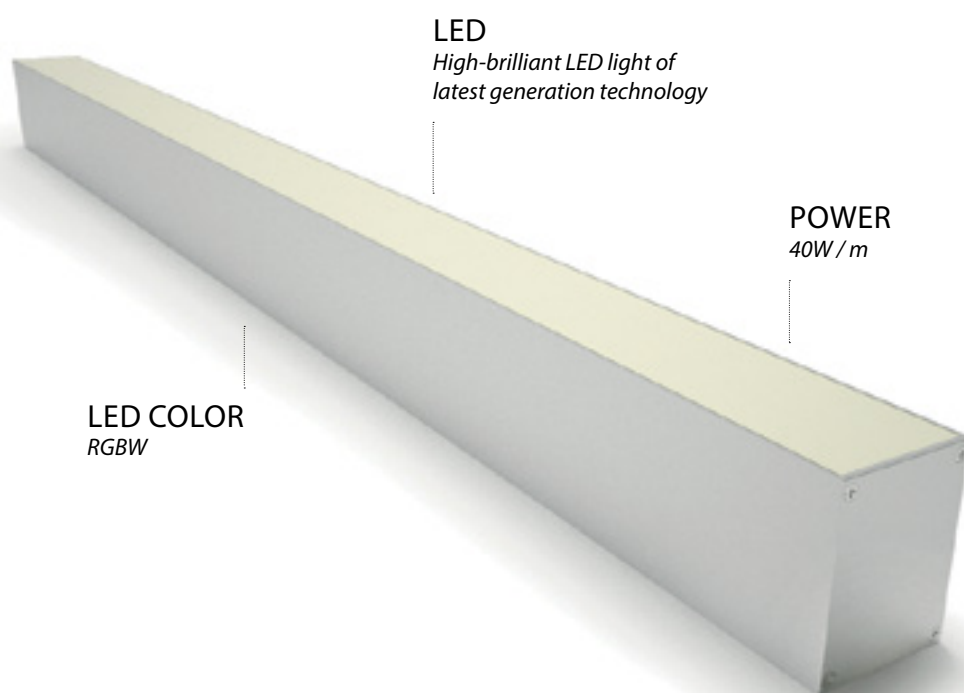

cd/klm
—— C0 - C180   —— C90 - C270

120°

Bravo RGBW 40W/m W

IP40

LED
High-brilliant LED light of latest generation technology

POWER
40W / m

LED COLOR
RGBW

BRAVO RGBW is a powerful LED bar for indoor applications to create nice colored games from hidden positions.

It's possible to produce nice white light for functional purposes. The housing made of anodized aluminum alloy hosts a powerful LED module that is hidden by a de-glaring lens: the result is a continuous line of powerful light.

BRAVO RGBW is available in different lengths (from 1m up to 3m) perfectly controlled via DMX512.

The integrated RDM control allows to control different parameters from a remote computer. The internal thermal control grants a long lasting life. BRAVO RGBW can be recessed in the ceiling, vertically in the wall or hung with stainless steel threads.

The maximum luminous flux with RGB+W is more than 2800lm/m.

TECHNICAL SPECIFICATION

|	
REFERRING STANDARDS	IEC 60598-1 / IEC 60598-2-5 / IEC 62471
NOMINAL CURRENT TO THE LEDS	100 mA (W) - 20mA (RGB)
POWER AT SOURCE	40 W/m
NOMINAL INPUT VOLTAGE	220 - 240 Vac
LIGHT INTENSITY REGULATION	DMX / RDM
BEAM ANGLES	120°
MOUNTING POSITIONS	Recessed / Hung
INITIAL LUMEN OUTPUT	> 2800 lm / m
COLOR TEMPERATURE (*)	RGB+3000K
LM OUTPUT LIFETIME	> 50000 h
OPERATING TEMPERATURE	-30°C / +40°C
IP RATING	IP40
WEIGHT	1,8 Kg/m
STANDARD LENGTH OF THE WIRE	2 m
FRONT COVER	Milky white

(*) Other color temperatures are available on request

TECHNICAL FEATURES

- High light output
- Available in different lengths
- Integrated DMX control (separated power supply)
- Metal parts in silver anodized aluminum
- High-brilliant LED light of latest generation technology
- Addressable with RDM (Only Dynamic)
- Deglaring cover with milky white finish
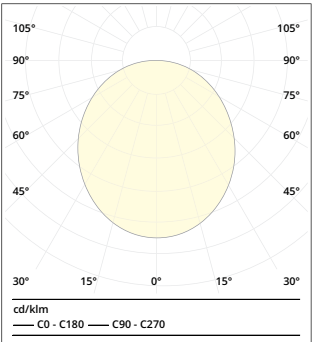- Dynamic white from 2200K up to 4000K
- High CRI

DIMENSIONS

mm (inch)

58 (2.3")   L

78 (3")
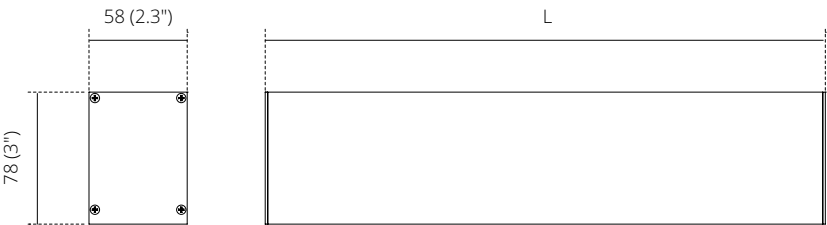
RECESSED [L]	970 (38)	1431 (56.3)	1903 (75)	2364 (93)	2825 (111)
HUNG [L]	930 (36.6)	1400 (55.1)	1855 (73)	2325 (91.5)	2775 (109.2)

PHOTOMETRIC DATA

cd/klm

—— C0 - C180 —— C90 - C270

120°

installation example

Bravo-Eco 30W / 60W

IP40 ⊕ C€

LED
*High-brilliant LED light of
latest generation technology*

LED COLOR
White

POWER
60W / 30W

The BRAVO-ECO is a specific device developed for illuminate corridors and indoor surfaces with very high uniformity.
The three phase plugs installed on the upper part of the device can work with standard power tracks of many brands letting the designer free to choose the most suitable solution for the project. It comes in 2 sizes: 30W and 60W generating an high luminous flux. Thanks to the driverless technology, these devices will last for years without the need of maintenance.
The BRAVO-ECO is the best solution for museums, shops, and supermarkets thanks also to the wide variety of colour temperatures available.

TECHNICAL SPECIFICATION

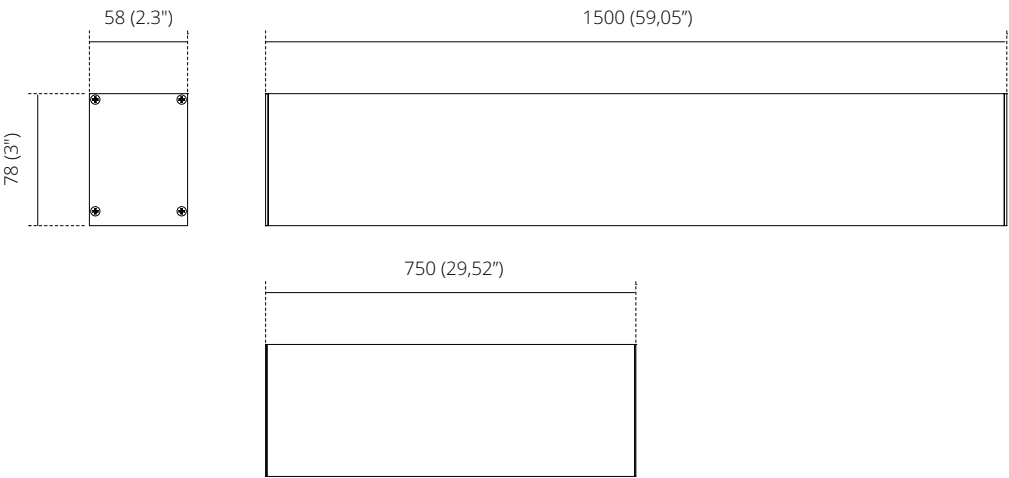|	
REFERRING STANDARD	IEC 60598-1
LED	224 / 112
NOMINAL INPUT VOLTAGE	220 - 240 V AC
NOMINAL INPUT FREQUENCY	50 - 60 HZ
NOMINAL CURRENT TO THE LEDS	65 mA
POWER AT SOURCE	60W / 30W
INSULATION CLASS	I
CONNECTION	three phase connector for track
BEAM ANGLE	wide with deglaring lens
LUMINOUS FLUX (LM)	>6000 / >3000
COLOR TEMPERATURE (*)	4000 K
CRI (**)	min 80
LM OUTPUT LIFETIME	>50000 h
OPERATING TEMPERATURE	-15°C / +40°C
IP RATING	IP40
WEIGHT	3kg - 1,5kg

(*) Other color temperatures upon request
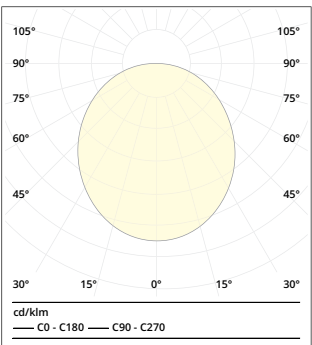(**) Higher CRI available upon request

TECHNICAL FEATURES

- High light output
- Available in 2 lengths
- Metal parts in silver anodized aluminium
- High brilliant LED of the latest technology
- High CRI available upon request
- Transparent diffuser with deglaring prismatic finish
- Easy and fast connection system
- High PF > 0.96

DIMENSIONS

mm (inch)

58 (2.3")   1500 (59,05")

78 (3")

750 (29,52")

PHOTOMETRIC DATA

cd/klm
—— C0 - C180 —— C90 - C270

120°

installation example

I-Play 75 W

IP66 IK07 ⏚ ▣ C E

HOUSING
Made of die casting aluminum

OPTIC
Made of tempered glass

COB
Latest generation

POWER
75 W

I-PLAY is a compact and flexible floodlight suitable for those applications where it is important to have powerful lumen output together with high efficiency and short payback time. The I-PLAY comes without front glass but the high efficiency lens made of tempered glass assures robustness and very good optical performances.

Thanks to the compact dymension the I-PLAY can be used in many different application: sport lighting for small playgrounds, tunnel lighting, industrial lighting, street lighting.
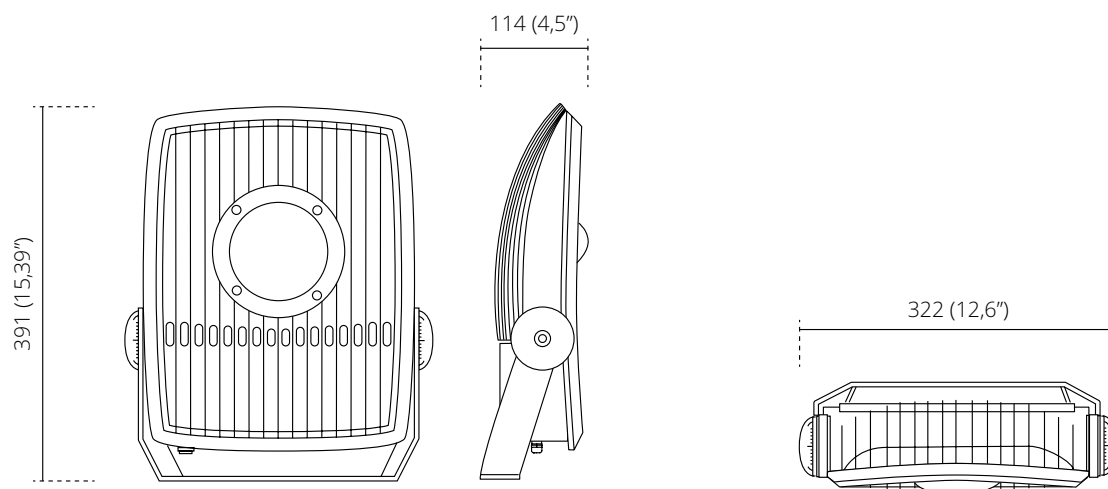
TECHNICAL SPECIFICATION

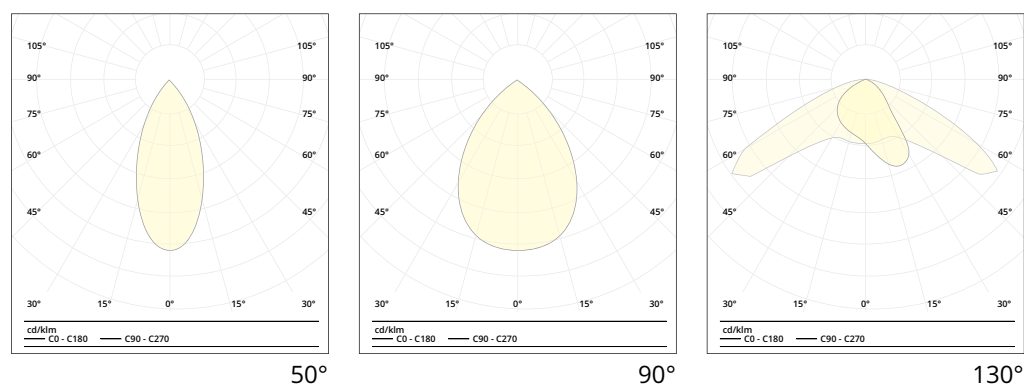|	
REFERRING STANDARDS	IEC 60598-2-5 / IEC 60598-1
NUMBER OF COB	1
NOMINAL CURRENT TO THE LEDS	1400 mA
POWER AT SOURCE	75 W
NOMINAL INPUT VOLTAGE	100-305 V AC
NOMINAL INPUT FREQUENCY	50-60 Hz
ELECTRICAL CLASS	I - II
LIGHT INTENSITY REGULATION	1-10 V
BEAM ANGLES	50°/90° symmetrical- 130° asymmetrical
COLOR TEMPERATURE	4000K (3000K / 5000K upon request)
INITIAL LUMEN OUTPUT	11500 lm
CRI	> 70
LM OUTPUT LIFETIME	> 50000 h
OPERATING TEMPERATURE	-30°C / +50°C
IP RATING	IP66
IMPACT PROTECTION	IK07
WEIGHT	6 Kg
FRONT LENS	Tempered glass cleanable with high pressure water jets

TECHNICAL FEATURES

- High light output
- Integrated power supply
- "Metal parts in die casting aluminium with powder painting and stainless steel screws to last"
- "High-brilliant LED light of latest generation technology"
- special glass optic with deglaring effect (only for 130°)
- Design with better heat dissipation and good self cleaning performance
- Fast replacement of the photometric components and power supply in order to update the fitting with the latest technologies
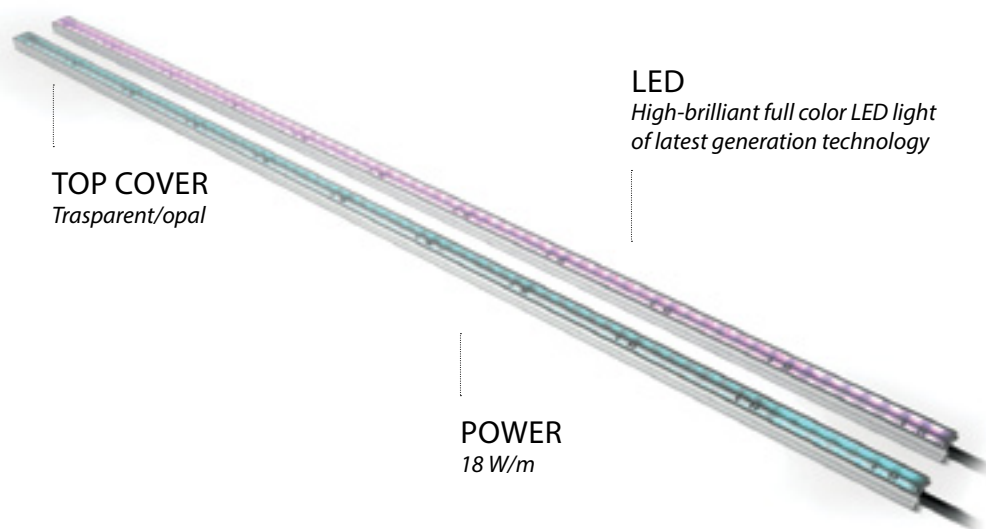
DIMENSIONS
mm (inch)

114 (4,5")

391 (15,39")

322 (12,6")

PHOTOMETRIC DATA

50°

90°

130°

installation example

Super-Nova 18 W/m

IP40 IP67 ⬨ CE

_4 COMMERCIAL

TOP COVER
Trasparent/opal

LED
*High-brilliant full color LED light
of latest generation technology*

POWER
18 W/m

Supernova is a rigid LED strip that works with +24V DC that is available for indoor or outdoor use. The housing available in silver anodized finish is small and can be places in hidden places. The high IP rating allows the user to install it also near fountains and swimming pools.

It is possible to control the color changing thanks to DMX512 protocol connecting the device to the "clever light" board.
It comes in many lenghts: from 30cm up to 2m. Supernova is the ideal solution for decorative and cost effective installations with low power absorption.
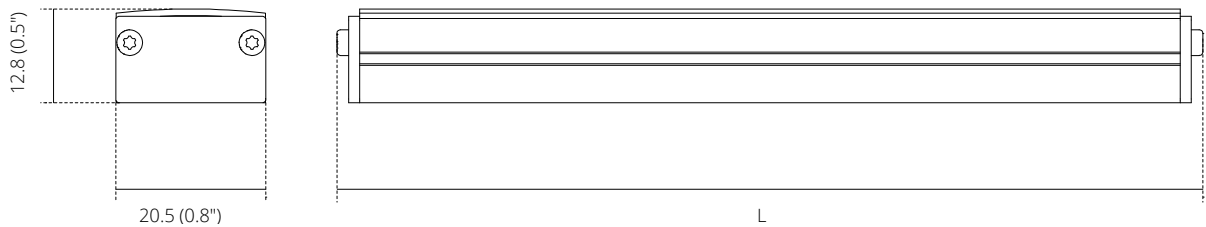
TECHNICAL SPECIFICATION

	Indoor version	Outdoor version
REFERRING STANDARDS	IEC 60598-1 / IEC 62471	IEC 60598-1 / IEC 62471
NOMINAL CURRENT TO THE LEDS	20 mA	20 mA
POWER AT SOURCE	18 W/m	18 W/m
NOMINAL INPUT VOLTAGE	24 V DC	24 V DC
LIGHT INTENSITY REGULATION	DMX / RDM (external control gear)	DMX / RDM (external control gear)
BEAM ANGLES	Symmetric wide	Symmetric wide
CHANNEL LIST	R-G-B	R-G-B
MOUNTING POSITIONS	Any	Any
LM OUTPUT LIFETIME	> 50000 h	> 50000 h
OPERATING TEMPERATURE	-30°C / +50°C	-30°C / +50°C
IP RATING	IP40	IP67
TOP COVER	Transparent/opal	Transparent/opal
WEIGHT	300 g/m	350 g/m
LENGTHS	from 0,3 m (12") up to 2 m (78,7")	from 0,3 m (12") up to 2 m (78,7")

TECHNICAL FEATURES
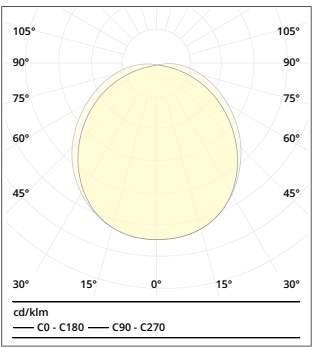
- High light output
- Metal parts in anodized alimunum alloy with silver finish
- High-briliant LED light of latest generation technology
- Transparent or opal cover
- Springs in stainless steel
- Thermal management with passive cooling
- Output cable suitable for outdoor use
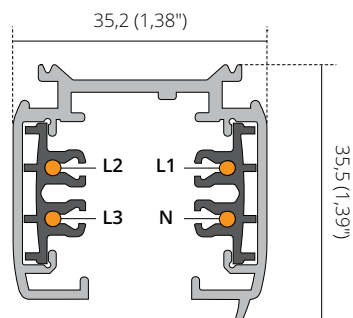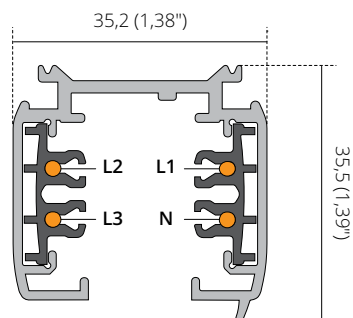- Many lenghts available

DIMENSIONS
mm (inch)

12.8 (0.5")

20.5 (0.8")

L

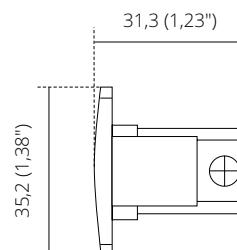## PHOTOMETRIC DATA

105° 105°
90° 90°
75° 75°
60° 60°
45° 45°
30° 15° 0° 15° 30°

cd/klm
— C0 - C180 — C90 - C270

120°

ACCESSORIES

3 Circuits track-2M (2000mm)

35,2 (1,38")

35,5 (1,39")

L2   L1

L3   N

3 Circuits track-3M (3000mm)

35,2 (1,38")

35,5 (1,39")

L2   L1

L3   N

End cap

31,3 (1,23")

35,2 (1,38")

Mini joiner

68 (2,67")

51,8 (2,03")

20,5 (0,80")
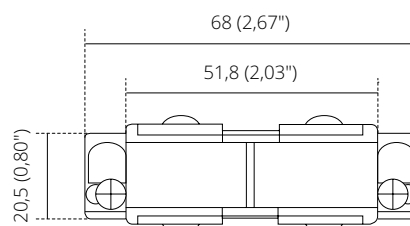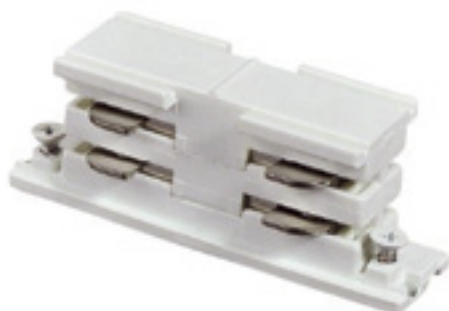
Live-end connector "LEFT"

98 (3,85")

35 (1,37")
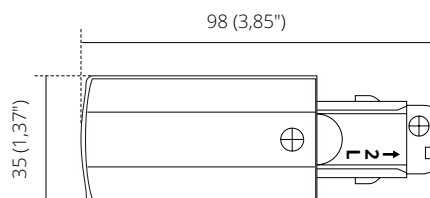
Live-end connector "RIGHT"

98 (3,85")

35 (1,37")
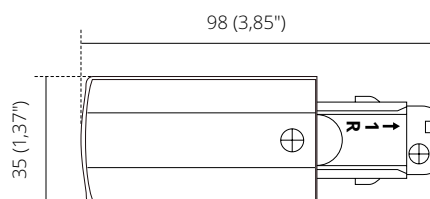
Ceiling mount,EZCLICK (suspension kit with wire)

Ø2 (0,07")

62 (2,44")

59 (2,32")

35 (1,37")

spacecannon
YES, WE LIGHT
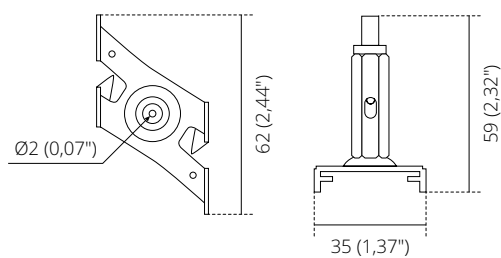
_5

CUSTOM PROJECT

Spacecannon is committed to communicate and spread worldwide large environmental and social messages through it's unique and amazing lighting projects.
We take pride in our ability to create special customized solutions for our customers and to support with our knowledge and technology the most demanding lighting designers.

spacecannon
YES, WE LIGHT

_6

MUSEUM

installation example

Focus 8 W

IP40 ⬦ CE

LED
*High-brilliant LED light of
latest generation technology*

STRUCTURE
*available in 2 colors:
total black and silver-black*

POWER
8 W

FOCUS is a very compact spotlight suitable for accent lighting with a unique optic.
Thanks to a smooth movement the user can easily change the beam from a very narrow to a wide beam.
The structure is made of anodized aluminum alloy, available in 2 colors: total black and silver-black.
It works with SELV voltage at +48V DC. The inbuilt thermal protection allows the use in very hot places without air circulation, like showcases.
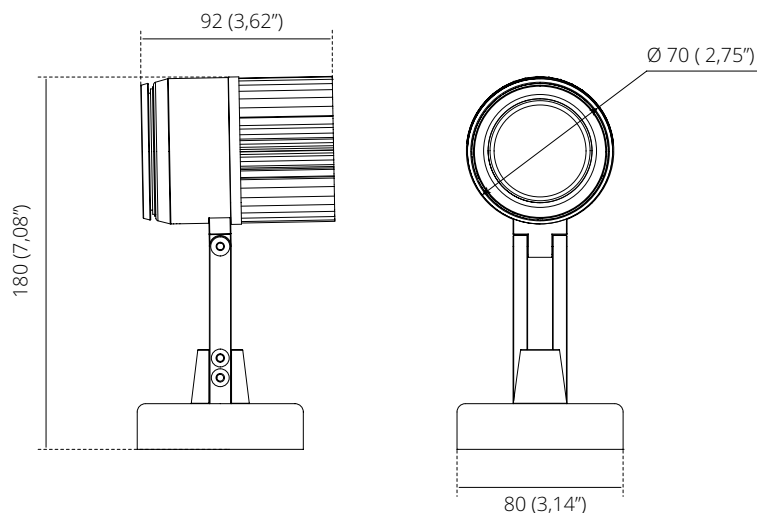
TECHNICAL SPECIFICATION

REFERRING STANDARDS	IEC 60598-1
LED	1
NOMINAL INPUT VOLTAGE	48 V DC
NOMINAL CURRENT TO THE LED	700 mA
POWER AT SOURCE	8 W
INSULATION CLASS	III
BEAM ANGLES @ 50%	from 10° to 35° with zoom function
INITIAL LUMINOUS FLUX (*)	690 lm
COLOR TEMPERATURE	3000 K
CRI	CRI 90
LM OUTPUT LIFETIME	> 50000 h
OPERATING TEMPERATURE	-15°C / +45°C
IP RATING	IP40
WEIGHT	0,4 Kg
FIXING OPTIONS	Aluminum bracket
POSITIONING	Manual without the use of tools
INBUILT THERMAL PROTECTION	Yes

* Starting luminous flux referred to a LED 3000K with CRI 90

DIMENSIONS

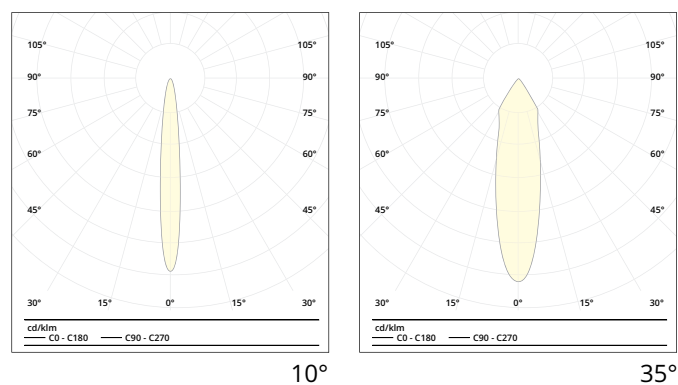mm (inch)

92 (3,62")

180 (7,08")

80 (3,14")

Ø 70 (2,75")

TECHNICAL FEATURES

- High luminous flux
- Metal parts in anodized aluminum and steel.
- Latest generation LED with high luminous flux and high CRI
- One available optic (zoom function)
- High precision lens
- specifically developed for museums and jeweleries

PHOTOMETRIC DATA

10°

35°

installation example

Axel 25 W

IP40 CE

COB
High-brilliant LED light of latest generation technology

POWER
25 W

FRONT FINISH
White powder painted in RAL 9003

_6 MUSEUM

The Axel is a compact solution for ceiling recessed applications suitable for lighting up shops, museums or restaurants. The spot can rotate and tilt of your choosing thanks to a 2 axis system.

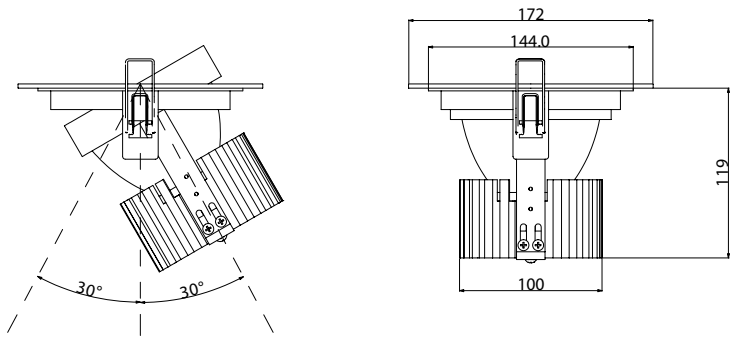This system allows the user to easily aim with precision without the needs of tools. The different optics available on request together with a high CRI Led of the latest technology, make the spot the perfect solution for the most demanding light designers.

TECHNICAL SPECIFICATION

REFERRING STANDARDS	IEC 60598-1
LED	1
NOMINAL INPUT FREQUENCY	38 V DC
NOMINAL CURRENT TO THE LEDS	700 mA
POWER AT SOURCE	25 W
INSULATION CLASS	III
BEAM ANGLES	13° / 38° / 50°
LUMINOUS FLUX (*)	3500 lm
COLOR TEMPERATURE	2700 K / 3000 K / 4000 K
CRI	80 / 90 / 97
LM OUTPUT LIFETIME	> 50000 h
OPERATING TEMPERATURE	-15°C / +45°C
IP RATING	IP40
WEIGHT	1,1 Kg
HOLE	Ø 145 mm

(*) Luminous flux referred to 3000K and CRI80

DIMENSIONS

mm (inch)

TECHNICAL FEATURES

- High luminous flux
- Housing in anodized aluminum and powder painted in white RAL 90003
- Latest generation COB with high CRI
- Many optics available
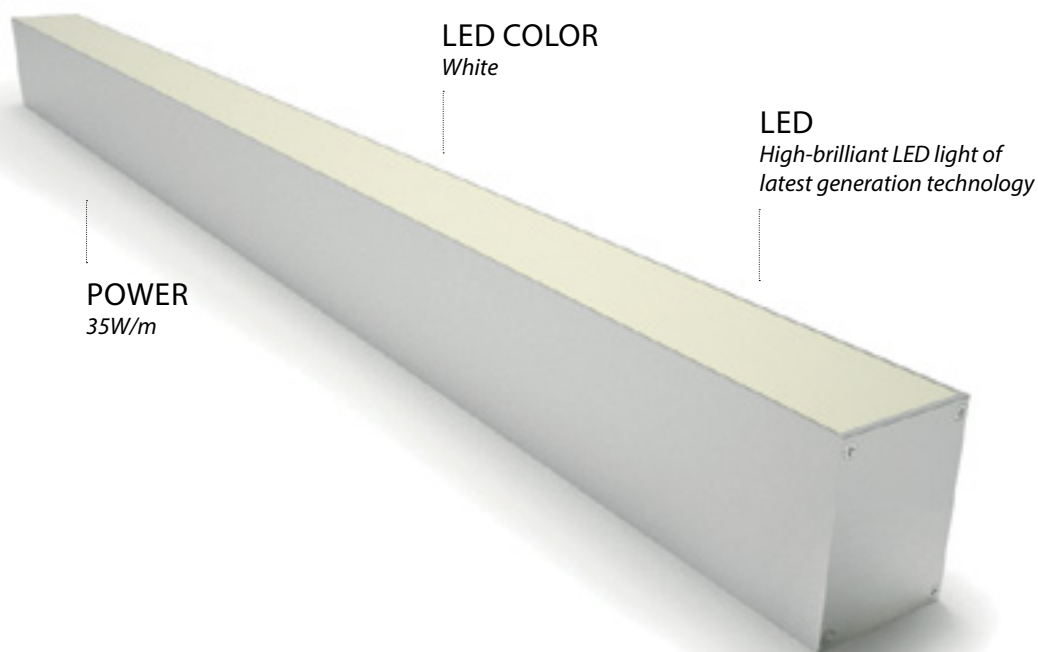- High precision reflectors in polished aluminum

PHOTOMETRIC DATA

13°

38°

50°

Bravo 35W/m W

IP40 DMX RDM ⏚ C €

LED COLOR
White

LED
*High-brilliant LED light of
latest generation technology*

POWER
35W/m

BRAVO is a WHITE led bar for indoor applications.

The housing made of anodized aluminum alloy hosts a powerful LED module that is hidden by a de-glaring lens: the result is a continuous line of powerful light. BRAVO is available in different lengths (from 1 m up to 3m) with integrated electronic for the dimming functions.

BRAVO WHT can be "plug and play" or dimmable thanks to DMX512 protocol. It can be recessed in the ceiling, vertically in the wall or hung with steel threads.

It is possible to choose among fixed color temperatures (2200K, 3000K, 4000K) or dynamic white with an amazing luminous flux of 6000lm/m @ 4000K.
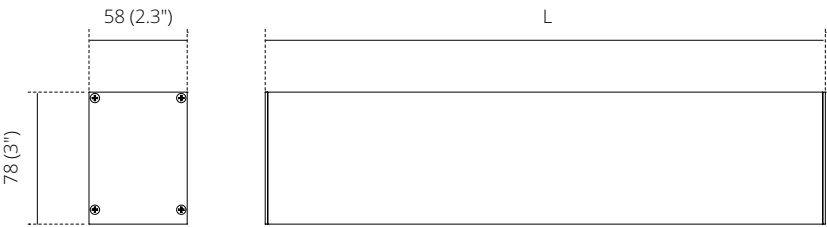
TECHNICAL SPECIFICATION

	BRAVO Easy	**BRAVO Dynamic**
REFERRING STANDARDS	IEC 60598-1 / IEC 60598-2-5 / IEC 62471	IEC 60598-1 / IEC 60598-2-5 / IEC 62471
NOMINAL CURRENT TO THE LEDS	100 mA	100 mA
POWER AT SOURCE	35 W/m	35 W/m
NOMINAL INPUT VOLTAGE	220 - 240 V AC	220 - 240 V AC
LIGHT INTENSITY REGULATION	-	0%-100% With DMX512
BEAM ANGLES	120°	120°
MOUNTING POSITIONS	Recessed / Hung	Recessed / Hung
INITIAL LUMEN OUTPUT 4000K	> 6000 lm / m	> 6000 lm / m
COLOR TEMPERATURE (*)	2200K / 3000K / 4000K	2200K / 4000K
CRI	80 - 90	80 - 90
LM OUTPUT LIFETIME	> 50000 h	> 50000 h
OPERATING TEMPERATURE	-30°C / +40°C	-30°C / +40°C
IP RATING	IP40	IP40
WEIGHT	1,8 Kg/m	1,8 Kg/m
STANDARD LENGTH OF THE WIRE	2 m	2 m
FRONT COVER	Milky white	Milky white

(*) Other color temperatures are available on request

TECHNICAL FEATURES

- High light output
- Available in different lengths
- Integrated DMX control (integrated power supply)
- Metal parts in silver anodized aluminum
- High-brilliant LED light of latest generation technology
- Addressable with RDM (Only Dynamic)
- Deglaring cover with milky white finish
- Dynamic white from 2200K up to 4000K
- High CRI

DIMENSIONS

mm (inch)

58 (2.3")

78 (3")

L

RECESSED [L]	509 (20) *	970 (38)	1431 (56.3)	1903 (75)	2364 (93)	2825 (111)
HUNG [L]	470 (18.5) *	930 (36.6)	1400 (55.1)	1855 (73)	2325 (91.5)	2775 (109.2)

(*) Only for Bravo easy

PHOTOMETRIC DATA

cd/klm
C0 - C180   C90 - C270

120°

Nova INDOOR 12 W/m or 25 W/m

IP40 ◈ CE

LED COLOR
*White (cool, warm, neutral) / Red / Green / Blue
+ extra color Orange / Lime / Royal Blue*

FINISHING
Black / Silver / White

POWER
*12 W/m or
25 W/m*

NOVA indoor is a thin LED bar for indoor lighting. Its small size allows to hide NOVA in many places to realize direct and indirect illumination. NOVA is the perfect solution for cove lighting and under cabinet lighting.The high light output allows to use NOVA for functional and for decorative lighting.
It works at 24V DC and is available in many color temperatures, from 2200K up to 4000K, with minimum CRI 80.

NOVA allows to choose from many colors besides white: red, orange, green blue, lime and royal blue.
It comes in many lengths: from 30cm up to 2m and it is possible to fix it with clips on the ceiling or hung it with steel threads.
It is possible to change brightness with 1-10V or with DMX depending on the external power supply.
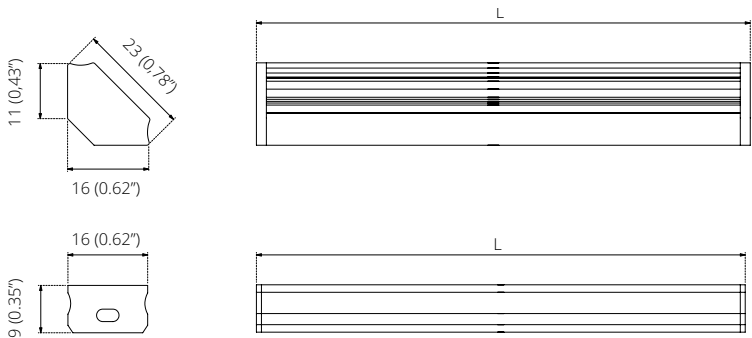
TECHNICAL SPECIFICATION

REFERRING STANDARDS	IEC 60598-1 /IEC 60598-2-5 / IEC 62471
NOMINAL CURRENT TO THE LEDS	60 mA - 100 mA
POWER AT SOURCE	12 W/m - 25 W/m
NOMINAL INPUT VOLTAGE	24 V dc
LIGHT INTENSITY REGULATION	1-10 V / DMX (External power supply)
BEAM ANGLES	symmetric wide
MOUNTING POSITIONS	Any
INITIAL LUMEN OUTPUT @ 4000 K	> 3500 lm/m @ 25 W/m
COLORED LIGHT	Red, Orange, Green, Lime, Blue, Royal blue
COLOR TEMPERATURE (*)	2200 K / 3000 K / 4000 K
LM OUTPUT LIFETIME	> 50000 h
OPERATING TEMPERATURE	-30°C / +50°C
IP RATING	IP40
WEIGHT	250 g/m
STANDARD LENGTH OF THE WIRE	1,5 m
LENGTHS	from 0,3 m (12") up to 2 m (78,7")

(*) Other color temperatures are available on request

TECHNICAL FEATURES

- High light output
- Metal parts in anodized aluminum alloy with black, silver or white finish
- High-brilliant LED light of latest generation technology
- Transparent or opal cover
- Transparent clips for indoor versions
- Thermal management with passive cooling
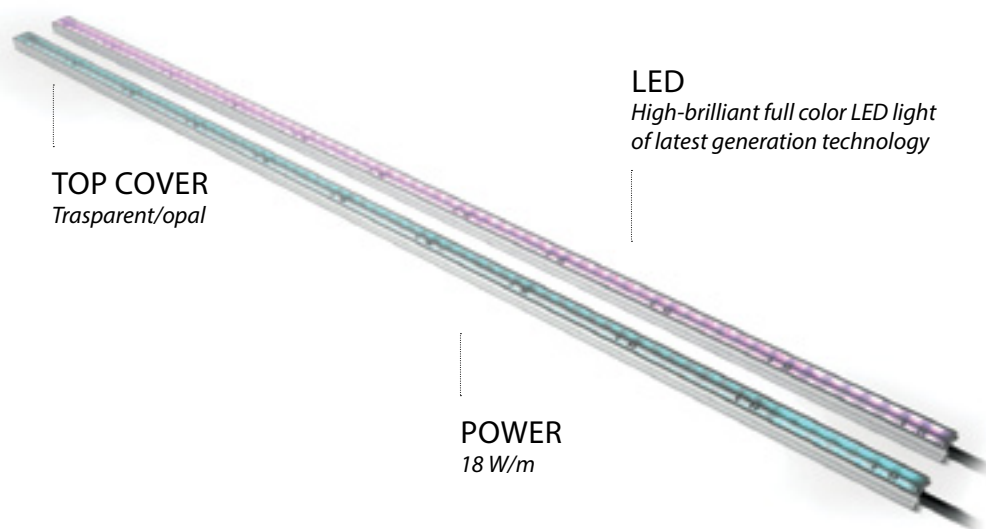- Trasparent output cable
- Many lengths available

DIMENSIONS

mm (inch)

PHOTOMETRIC DATA

120°

color LED available

installation example

Super-Nova 18 W/m

IP40 IP67 CE

LED
High-brilliant full color LED light of latest generation technology

TOP COVER
Trasparent/opal

POWER
18 W/m

_6 MUSEUM

Supernova is a rigid LED strip that works with +24V DC that is available for indoor or outdoor use. The housing available in silver anodized finish is small and can be places in hidden places. The high IP rating allows the user to install it also near fountains and swimming pools.

It is possible to control the color changing thanks to DMX512 protocol connecting the device to the "clever light" board.
It comes in many lenghts: from 30cm up to 2m. Supernova is the ideal solution for decorative and cost effective installations with low power absorption.
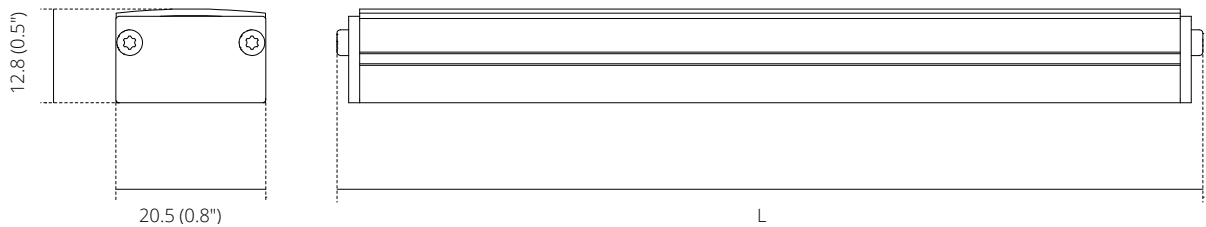
TECHNICAL SPECIFICATION

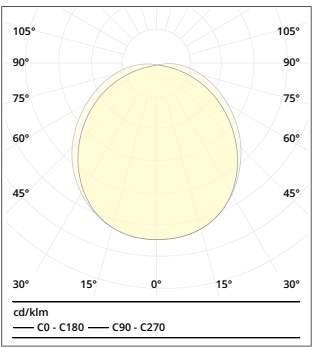|	**Indoor version**	**Outdoor version**
REFERRING STANDARDS	IEC 60598-1 / IEC 62471	IEC 60598-1 / IEC 62471
NOMINAL CURRENT TO THE LEDS	20 mA	20 mA
POWER AT SOURCE	18 W/m	18 W/m
NOMINAL INPUT VOLTAGE	24 V DC	24 V DC
LIGHT INTENSITY REGULATION	DMX / RDM (external control gear)	DMX / RDM (external control gear)
BEAM ANGLES	Symmetric wide	Symmetric wide
CHANNEL LIST	R-G-B	R-G-B
MOUNTING POSITIONS	Any	Any
LM OUTPUT LIFETIME	> 50000 h	> 50000 h
OPERATING TEMPERATURE	-30°C / +50°C	-30°C / +50°C
IP RATING	IP40	IP67
TOP COVER	Transparent/opal	Transparent/opal
WEIGHT	300 g/m	350 g/m
LENGTHS	from 0,3 m (12") up to 2 m (78,7")	from 0,3 m (12") up to 2 m (78,7")

TECHNICAL FEATURES

- High light output
- Metal parts in anodized alimunum alloy with silver finish
- High-briliant LED light of latest generation technology
- Transparent or opal cover
- Springs in stainless steel
- Thermal management with passive cooling
- Output cable suitable for outdoor use
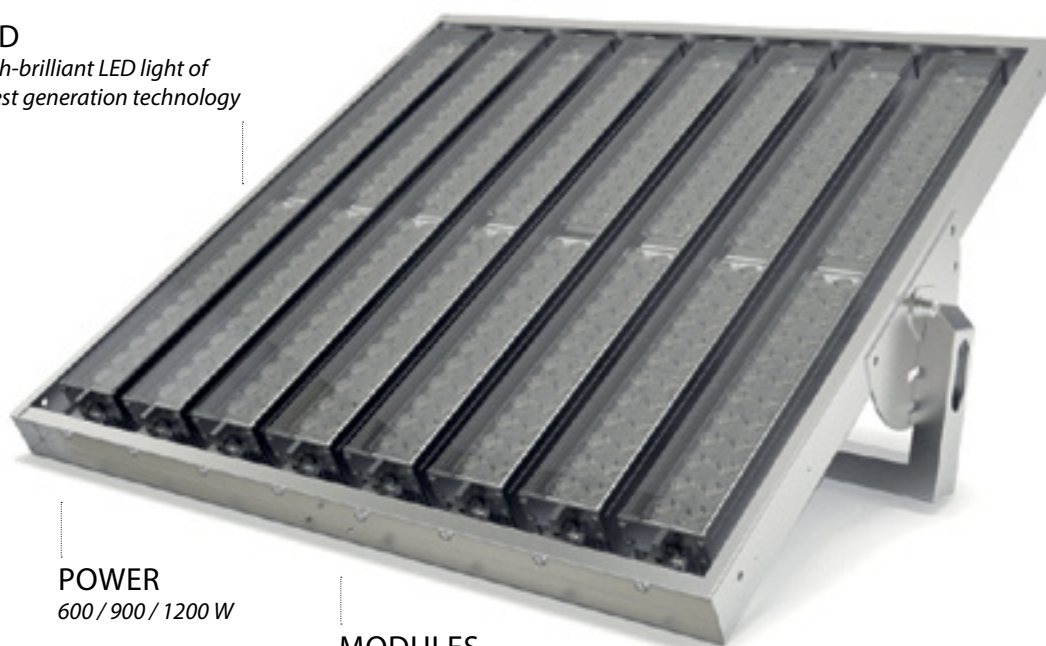- Many lenghts available

DIMENSIONS

mm (inch)

12.8 (0.5")

20.5 (0.8")

L

PHOTOMETRIC DATA

cd/klm
C0 - C180   C90 - C270

120°

_7

LARGE AREA

eBLACK 600 / 900 / 1200 W

IP66 IK06 ⏚ C€

LED
High-brilliant LED light of latest generation technology

APPROVED

PATENTED

POWER
600 / 900 / 1200 W

MODULES
*1 to 8, independently adjustable.
Rotation +/-25°, vertical receiver +0,8° -2°*

eBLACK is a modular LED floodlighting system for sport. eBLACK is designed to light stadiums, playing fields (rugby, baseball), racetracks, gyms and swimming pools.
Thanks to its technical characteristic, eBLACK received the official certification from FIGC and LND.
eBLACK can vary its surface area of illumination by adjusting the inclination and the angle of each module. This solution improves the quality of illumination at the ground.
eBLACK is designed and built to last: the rugged material used, as the housing is black anodized aluminum, supporting parts and stainless steel screws, tempered glass and metal grommets, are resistant to UV radiation and bad weather.

TECHNICAL SPECIFICATION

	8 MODULES	6 MODULES	4 MODULES
REFERRING STANDARDS	IEC 60598 / IEC 62031 / IEC 62471	IEC 60598 / IEC 62031 / IEC 62471	IEC 60598 / IEC 62031 / IEC 62471
LIGHTING MODULES NUMBER	8	6	4
NOMINAL CURRENT TO THE LEDS	1000 mA	1000 mA	1000 mA
POWER AT SOURCE	1200 W	900 W	600 W
NOMINAL INPUT VOLTAGE	90-260 Vac	90-260 Vac	90-260 Vac
NOMINAL INPUT FREQUENCY	50-60 Hz	50-60 Hz	50-60 Hz
LIGHT INTENSITY REGULATION	1-10 Vdc / 10% - 100%	1-10 Vdc / 10% - 100%	1-10 Vdc / 10% - 100%
BEAM ANGLES	10°, 20°, 36°, 60°, 80°	10°, 20°, 36°, 60°, 80°	10°, 20°, 36°, 60°, 80°
MINIMUM HEIGHT TO FIX	> 15 m	> 15 m	> 15 mt
INITIAL LUMEN OUTPUT (*)	174700 lm	128800 lm	85800 lm
COLOR TEMPERATURE (**)	4000K / 6500K	4000K / 6500K	4000K / 6500K
CRI	> 70	> 70	> 70
LM OUTPUT LIFETIME	> 50000 h	> 50000 h	> 50000 h
OPERATING TEMPERATURE	-30°C / +50°C	-30°C / +50°C	-30°C / +50°C
IP RATING	IP66	IP66	IP66
IMPACT PROTECTION	IK06	IK06	IK06
WEIGHT	38 Kg	28 Kg	20 Kg
STANDARD LENGTH OF THE WIRE	0,2 m	0,2 m	0,2 m
FRONT GLASS	Cleanable with high pressure water jets	Cleanable with high pressure water jets	Cleanable with high pressure water jets

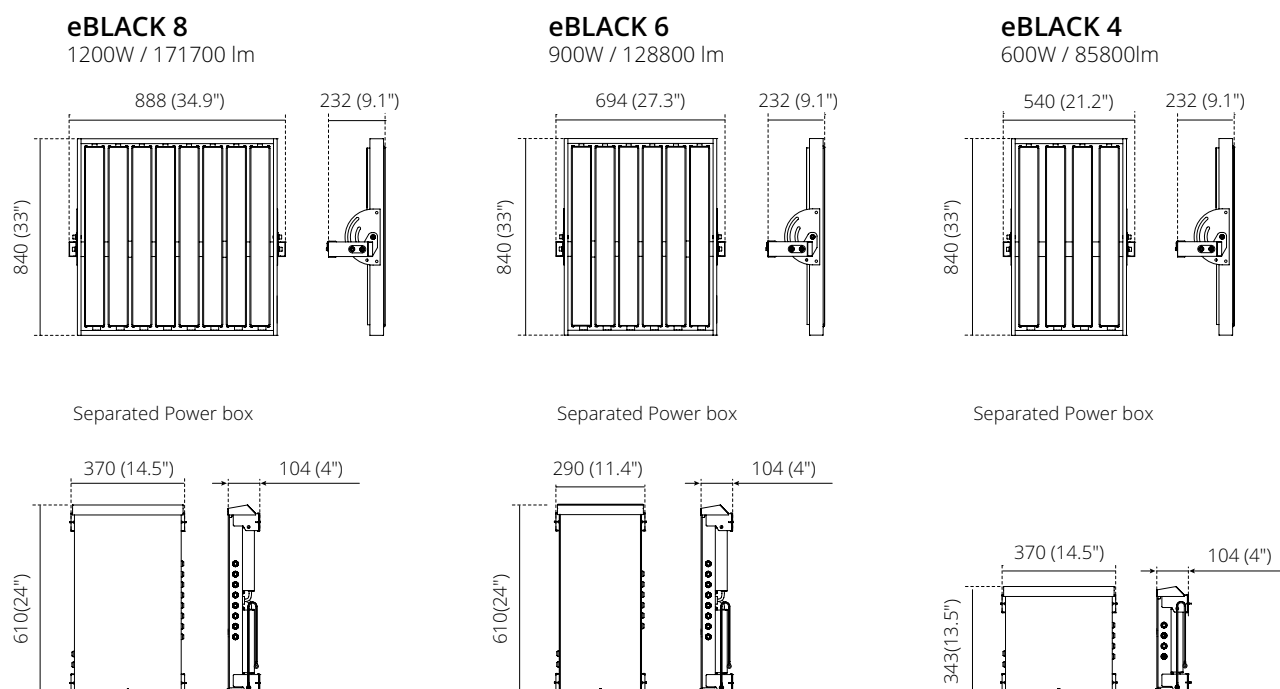(*) Luminous flux referred to 4000K CRI 70 @ Tj 85° C
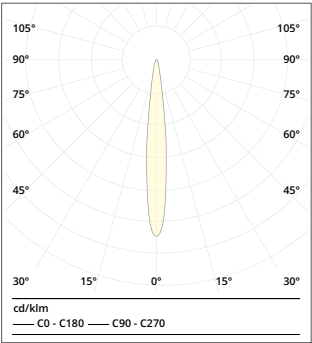(**) Other color temperatures are available on request

TECHNICAL FEATURES

- High light output
- Versatile and modular for every need
- 1 to 8 modules, independently adjustable.Rotation +/-25°, vertical receiver +0,8° -2°
- Separate power supply
- Metal parts in black anodized aluminium and stainless steel screws to last, completely designed and made in Italy
- High-brilliant LED light of latest generation technology
- Light intensity control (dimmer)
- Customizable optics and fixing brackets
- Flicker fraee (supports the latest tv broadcasting standards)
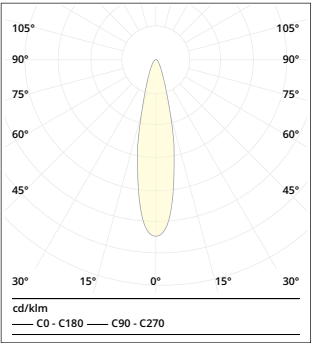- Avaiable with 5700K and CRI 90

DIMENSIONS

mm (inch)

eBLACK 8
1200W / 171700 lm

888 (34.9") · 232 (9.1") · 840 (33")

Separated Power box

370 (14.5") · 104 (4") · 610(24")

eBLACK 6
900W / 128800 lm

694 (27.3") · 232 (9.1") · 840 (33")

Separated Power box

290 (11.4") · 104 (4") · 610(24")

eBLACK 4
600W / 85800lm

540 (21.2") · 232 (9.1") · 840 (33")

Separated Power box

370 (14.5") · 104 (4") · 343(13.5")

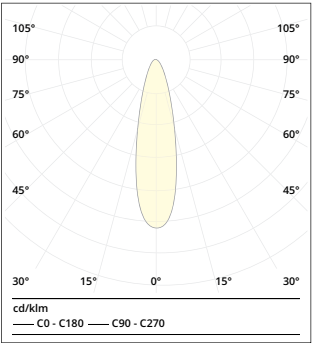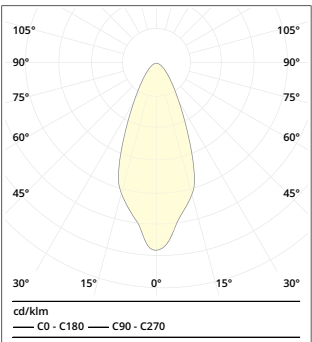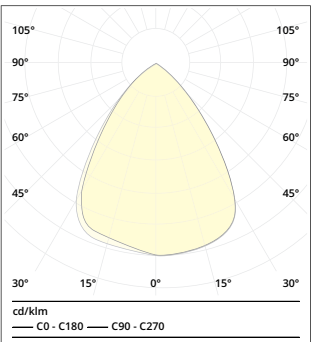# PHOTOMETRIC DATA

10°

20°

36°

60°

80°

eBLACK KOMPACT 150 / 300 W

IP66 IK06 ⊕ CE

LED COLOR
White

LED
High-brilliant LED light of latest generation technology

_7 LARGE AREA

POWER
300 W

POWER
150 W

eBLACK-KOMPACT is an extreme powerful fixture designed for lighting indoor playgrounds and big warehouses.
eBLACK-KOMPACT, available with several optics, allows to achieve a very high uniformity on the floor. The black anodized aluminum housing ensures a high dissipation even in very hot places like the attics.

The high precision optic ensures a low glaring experience during the match.
The super bright tempered glass gives strengths to the impacts up to IK06. It can be used with brackets or hung with a stainless steel wire.

TECHNICAL SPECIFICATION

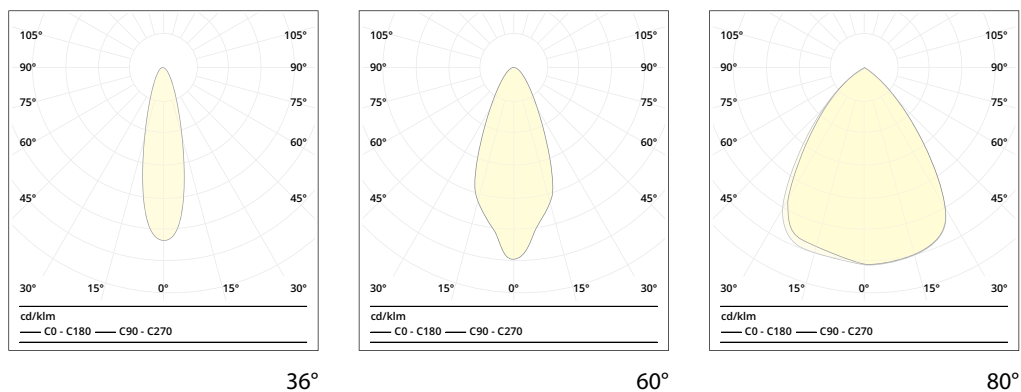|	eBLACK-KOMPACT 2	eBLACK-KOMPACT 1
REFERRING STANDARDS	IEC 60598-1 / IEC 60598-2-5 / IEC 62471	IEC 60598-1 / IEC 60598-2-5 / IEC 62471
LIGHTING MODULES NUMBER	2	1
POWER AT SOURCE	300 W	150 W
NOMINAL CURRENT TO THE LEDS	1000 mA	1000 mA
LIGHT INTENSITY REGULATION	1-10 V DC / 10% - 100%	1-10 V DC / 10% - 100%
BEAM ANGLES (*)	36° / 60° / 80°	36° / 60° / 80°
MINIMUM HEIGHT TO FIX	> 5 m	> 5 m
INITIAL LUMEN OUTPUT (**)	> 42000 lm	> 21900 lm
COLOR TEMPERATURE (***)	6500 K / 4000 K	6500 K / 4000 K
CRI	> 70	> 70
LM OUTPUT LIFETIME	> 50000 h	> 50000 h
OPERATING TEMPERATURE	-30°C / +50°C	-30°C / +50°C
IP RATING	IP66	IP66
IMPACT PROTECTION	IK06	IK06
WEIGHT	7 Kg	3,5 Kg
WEIGHT WITH BACKET INCLUDED	12 Kg	6,5 Kg
FRONT GLASS	Cleanable with high pressure water jets	Cleanable with high pressure water jets

(*) Other beams are available on request
(**) Luminous flux referred to 4000K CRI 70 @ Tj 85° C
(***) Other color temperatures are available on request

TECHNICAL FEATURES

- High light output
- Versatile and modular for every need
- Metal parts in black anodized aluminum and stainless steel screws to last, completely designed and made in Italy
- High-brilliant LED light of latest generation technology
- Light intensity control (dimmer)
- Customizable optics and fixing brackets
- Flicker free (supports the latest tv broadcasting standards)

DIMENSIONS

mm (inch)

340 (13.4") 785 (30.9") 150 (5.9")

150 (5.9") 120 (4.7") 785 (30.9")

PHOTOMETRIC DATA

cd/klm
—— C0 - C180 —— C90 - C270

36°

cd/klm
—— C0 - C180 —— C90 - C270

60°

cd/klm
—— C0 - C180 —— C90 - C270

80°

installation example

eBLACK AIR 160 / 325 / 650 / 970 / 1300 W   **IP66 IK06** ⏚ CE

_7 LARGE AREA

LED
*High-brilliant LED light of
latest generation technology*

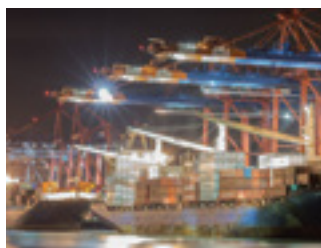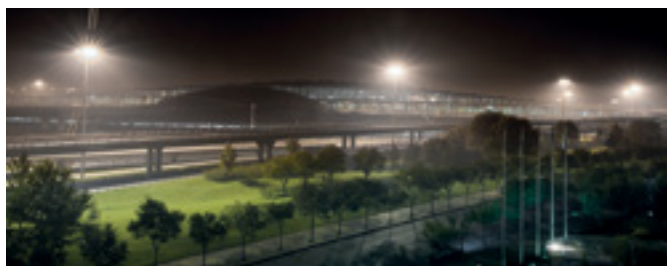**POWER**
160 - 1300 W

TEMPERED GLASS
High transparency 4mm thick

The eBLACK AIR family is perfect for airports, railway stations, ports, important road crossings and large areas.
The eBLACK AIR allows uniform light distribution with declaring effect in compliance with the "dark skies" rules.
The housing is fully made of aluminum alloy with black anodized finish and stainless steel frame that grants a long lasting life even in high polluted environments and near the seaside. It comes with standard color temperature of 4000K and CRI>70.

TECHNICAL FEATURES

- High light output
- CUT OFF light distribution
- Modular design
- Metal parts in black anodized aluminum and stainless steel
- High-brilliant LED light of latest generation technology
- Deglaring optics
- Standard color temperature 4000K (other color temperatures available on request)
- Standard CRI>70 (higher CRI available on request)
- Dimmable with 1-10V or external PWM (DALI control is available on request)
- Fully flicker free
- High IP rating
- Cleanable with water jets
- High transparency tempered glass 4mm thick
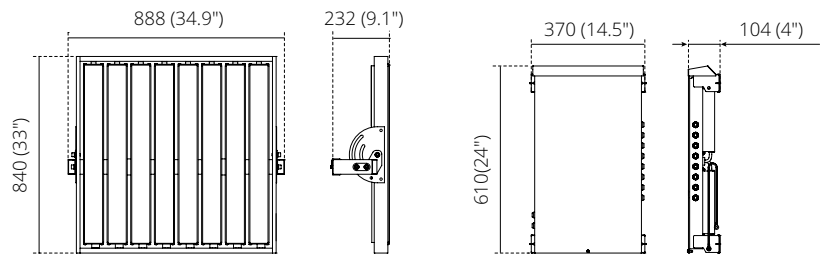- Possibility to customize the bracket

TECHNICAL SPECIFICATION

	eBLACK-AIR 8	eBLACK-AIR 6	eBLACK-AIR 4	eBLACK-AIR 2	eBLACK-AIR 1
REFERRING STANDARDS	IEC 60598-1 / IEC 60598-2-5 / IEC 62471	IEC 60598-1 / IEC 60598-2-5 / IEC 62471	IEC 60598-1 / IEC 60598-2-5 / IEC 62471	IEC 60598-1 / IEC 60598-2-5 / IEC 62471	IEC 60598-1 / IEC 60598-2-5 /IEC 62471
LIGHTING MODULES NUMBER	8	6	4	2	1
NOMINAL CURRENT TO THE LEDS	900 mA	900 mA	900 mA	900 mA	900 mA
POWER AT SOURCE	1300 W	970 W	650 W	325 W	160 W
NOMINAL INPUT VOLTAGE	90-260 Vac	90-260 Vac	90-260 Vac	90-260 Vac	90-260 Vac
NOMINAL INPUT FREQUENCY	50-60 Hz	50-60 Hz	50-60 Hz	50-60 Hz	50-60 Hz
LIGHT INTENSITY REGULATION	1-10 Vdc / 10% - 100%	1-10 Vdc / 10% - 100%	1-10 Vdc / 10% - 100%	1-10 Vdc / 10% - 100%	1-10 Vdc / 10% - 100%
BEAM ANGLES (*)	Asymmetric distribution	Asymmetric distribution	Asymmetric distribution	Asymmetric distribution	Asymmetric distribution
MINIMUM HEIGHT TO FIX	> 15 m	> 15 m	> 15 m	> 7 m	> 7 m
MOUNTING POSITION	Cut off	Cut off	Cut off	Cut off	Cut off
INITIAL LUMEN OUTPUT (**)	197000 lm	147800 lm	98500 lm	49200 lm	24600 lm
COLOR TEMPERATURE (***)	4000 K	4000 K	4000 K	4000 K	4000 K
LM OUTPUT LIFETIME	> 50000 h	> 50000 h	> 50000 h	> 50000 h	> 50000 h
OPERATING TEMPERATURE	-30°C / +50°C	-30°C / +50°C	-30°C / +50°C	-30°C / +50°C	-30°C / +50°C
IP RATING	IP66	IP66	IP66	IP66	IP66
IMPACT PROTECTION	IK06	IK06	IK06	IK06	IK06
WEIGHT	38 Kg	28 Kg	20 Kg	12 Kg	6,5 Kg
STANDARD LENGTH OF THE WIRE	1m cable + connector	1m cable + connector	1m cable + connector	1m cable + connector	1m cable + connector
FRONT GLASS	Cleanable with high pressure water jets	Cleanable with high pressure water jets	Cleanable with high pressure water jets	Cleanable with high pressure water jets	Cleanable with high pressure water jets

(*) Other beams are available on request
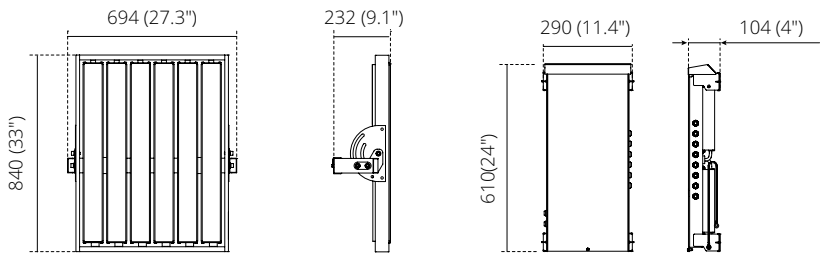(**) Luminous flux referred to 4000K CRI 70 @ Tj 85° C
(***) Other color temperatures are available on request
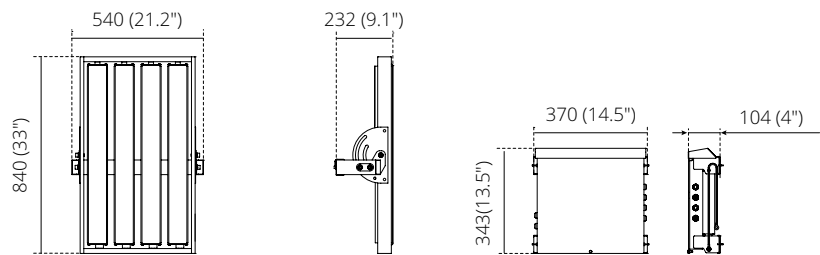
eBLACK-AIR 8
1300W / 168000 lm

888 (34.9")
232 (9.1")
840 (33")
370 (14.5")
104 (4")
610(24")

Separated Power box

eBLACK-AIR 6
970W / 126000lm

694 (27.3")
232 (9.1")
840 (33")
290 (11.4")
104 (4")
610(24")

Separated Power box

eBLACK-AIR 4
650W / 84000lm

540 (21.2")
232 (9.1")
840 (33")
370 (14.5")
104 (4")
343(13.5")

Separated Power box

eBLACK-AIR 2
325W / 42000lm

eBLACK-AIR 1
160W / 21000lm

790 (31.1")
790 (31.1")

Integrated Power box
244 (9.6")
218 (8.6")

Integrated Power box
240 (9.5")
126 (5")

PHOTOMETRIC DATA

**POLAR DIAGRAM
CO-1**

**POLAR DIAGRAM
CO-2**

**POLAR DIAGRAM
CO-3**

_8

BIG EVENT

Tower 150 W

IP66 IK06 ⏚ C€

GLASS
*Tempered glass
5 mm thick*

LED
*High-brilliant LED light of
latest generation technology*

LED COLOR
high flux daylight LED

The Tower is a compact LED luminaire with an amazing luminous flux capable of illuminate targets at a very long distance (more than one kilometre), with less than 170 W of electric power and a light output exceeding 14500 lm.
The high precision optic integrated with a Fresnel lens grants the user to get a sharp edge beam capable of reaching unthinkable distances with amazing precision without any halo around.
It is available in white daylight colour temperature (5700K as a standard) with minimum CRI 75.
The unit is characterized by a sturdy aluminium structure with IP66 and a stainless steel supporting bracket.
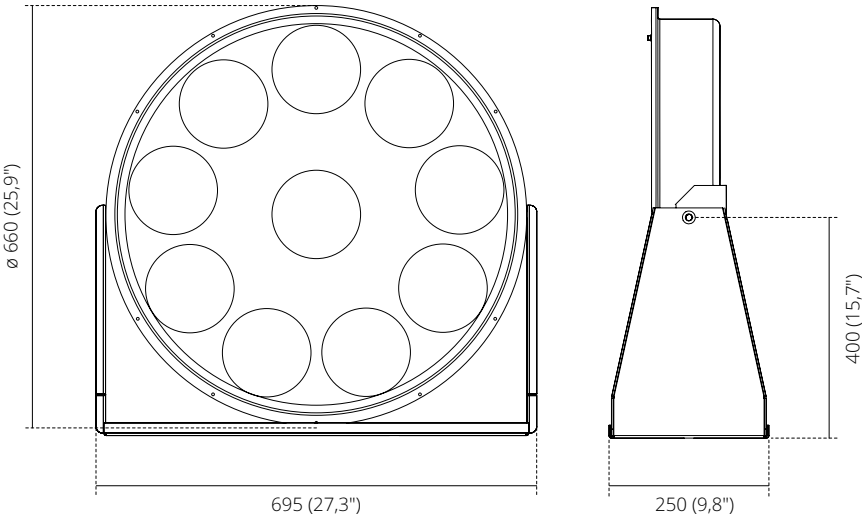
TECHNICAL SPECIFICATION

REFERRING STANDARDS	IEC 60598-1 / IEC 60598-2-5
NOMINAL CURRENT TO THE LEDS	4000 mA
POWER AT SOURCE	150 W
NOMINAL INPUT VOLTAGE	100-260 V AC
NOMINAL INPUT FREQUENCY	47 - 63 Hz
LIGHT INTENSITY REGULATION	None
BEAM ANGLES	2°
MOUNTING POSITION	Any
INITIAL LUMEN OUTPUT	14000 lm
COLOR TEMPERATURE	5700 K
LM OUTPUT LIFETIME	> 50000 h
OPERATING TEMPERATURE	-30°C / +50°C
IP RATING	IP66
IMPACT PROTECTION	IK06
STANDARD LENGHT OF THE OUTPUT CABLE	2m
WEIGHT	20 Kg
FRONT GLASS	5 mm tempered

TECHNICAL FEATURES

- High light output
- Metal parts in stainless steel and painted aluminum alloy
- 2° optics available
- High IP rating for installation in harsh environments
- Clear tempered glass
- Minimum CRI 75 (higher CRI on request)
- Flicker free

DIMENSIONS

mm (inch)

Ø 660 (25,9")
695 (27,3")
400 (15,7")
250 (9,8")

PHOTOMETRIC DATA

cd/klm
C0 - C180   C90 - C270

2°

100m	200m	300m	400m	1000m
128 LUX PK Φ 50%: 3,5m	41 LUX PK Φ 50%: 7m	20 LUX PK Φ 50%: 10,5m	11 LUX PK Φ 50%: 14m	2 LUX PK Φ 50%: 35m

2°

Ramses II up to 72000 W

IP43 ⏚ C €

PARABOLIC REFLECTOR
*Electroshaped nickel-rhodium,
at ultra-high precision.*

LENS
*resistant to sudden changes
in temperature.*

TILT MECHANICAL LOCK

Ramses II is the biggest and most powerful Xenon spotlight in the world with its 72.000W.

The unit is equipped with 6 Xenon bulbs in 12.000W power each which, suitably adjusted, merge into one creating a single light beam visible within 15 Km.

These features, making it unique, identify RAMSES II like the ideal choice for big events and shows.

The use of special ultra-high precision electro-shaped parabolic reflectors with coating in nickel-rhodium, improves the performances of the lamps and optimises the light emission, conveying the rays into sharp, linear and perfectly collimated beams.

The aiming of the unit is manually adjustable with a Tilt inclination 0° to +75°, while the 360° rotation is motorized.

The joint, connecting the head to the base, is patented by Spacecannon.

TECHNICAL SPECIFICATION

LAMP
Power Average service life
12.000 W..300 h

PARABOLIC REFLECTOR
Electro-shaped parabolic reflector with nickel-rhodium coating and very high precision.
Ø 460 mm / 18,11 inches.

FOCUSING
Internal manual focusing system for regulating the width of the beams independently.

POWER SUPPLY UNIT
72 power supplies separated
IN: 208 V AC two-phase voltage.
OUT: 50 V - 20 A

FUNCTIONS
Remote control for safe lighting of the lamps.

MOVEMENT
Manual tilt from 0° to +75°.
Pan rotation: 360°, gearless.
Speed control from 0 to 10 rpm.

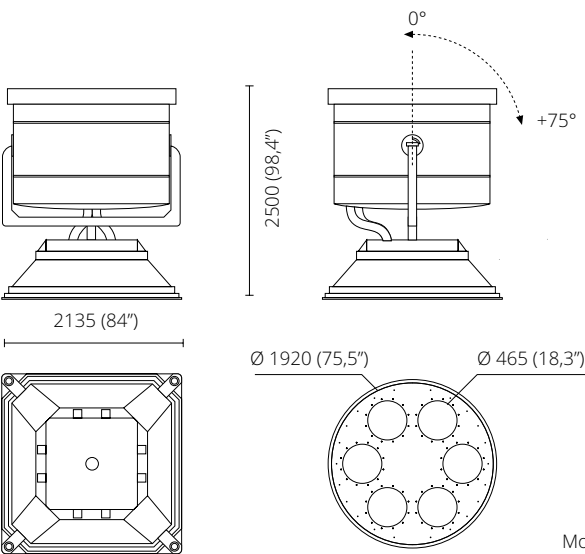**INSULATION CLASS**
I

PATENTS
US6486621 - AT219619T
Electronic system for generating and controlling lighting effects.

WEIGHT
Ramses 72.000 W......1669 Kg - 3679,5 lb
Power units .... 490 Kg - 1080,2 lb
Transformer............530 Kg - 1168,4 lb

DIMENSIONS

mm (inch)

2500 (98,4")

2135 (84")

0°

+75°

Ø 1920 (75,5") Ø 465 (18,3")

Model 72.000 W

Leukos 4000 / 7000 W

IP55 ⏚ CE

_8 BIG EVENT

SCREWS
in stainless steel, to hold the lens-holder ring to the unit

COOLING SYSTEM
outlet for the hot air from the searchlight (cooling system for inside components).

SPOTLIGHT HOUSING
in reinforced weatherproof aluminium.

MANUAL TILT

PARABOLIC REFLECTOR
Electroshaped nickel-rhodium, at ultra-high precision.

LENS
resistant to sudden changes in temperature.

POWER SUPPLY UNIT

GLAND CONNECTOR
PG16 gland connector in chromium-plated metal, for the power cable.

The spotlights Leukos produce light beams with very high visibility, ideal for wide grazing or at a distance architectural lighting. The unit is fitted with white light xenon lamps and is available in 4.000 or 7.000 W powers; the color temperature of the light generated by the xenon lamps is 6000K°.
The shape and diffusion of the light beam depends also on the zoom value, which can be adjusted via the soft-touch keyboard: the beam can be widened or narrowed and its angle varied for a spot or flood effect.

The use of a special high precision electro-shaped parabolic reflector with coating in nickel-rhodium improves the performances of the lamp and optimises the light emission, conveying the rays into sharp, linear and perfectly parallel beams, reducing the external lightpollution.

TECHNICAL SPECIFICATION

SPOTLIGHT HOUSING
In weatherproof and resistant aluminium. Grey polyester finish for outdoors.

IP RATING
IP 55

LAMP

Power	Average service life
4.000 W	1.000 h
7.000 W	1.000 h

	Flux
4.000 W	170000 lm / 17000 cd
7.000 W	310000 lm / 31000 cd

REFLECTOR
High precision electro-shaped parabolic reflector with nickel-rhodium coating.
4.000 / 7.000W ... Ø 410 mm / 16 inch

FOCUSING
Electronic focusing system with a soft touch keyboard for adjusting the beam width.

POWER SUPPLY UNIT
Electronic and integrated.
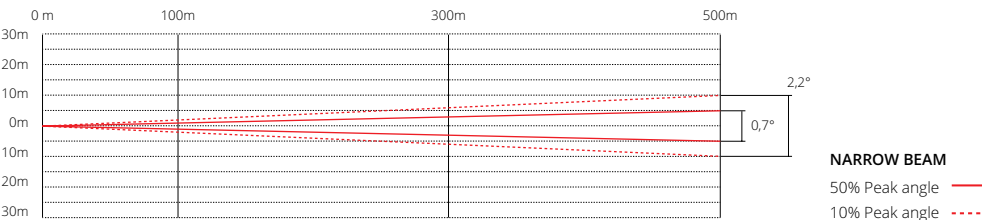Voltage 380~415 V AC, 50/60 Hz three phase + neutral.

INSULATION CLASS
I

PATENTS
US6486621 - AT219619T
Electronic system for generating and controlling lighting effects.

WEIGHT

4.000 W	70 kg - 153,3 lb
7.000 W	137 kg - 302 lb

NARROW BEAM			
Dist.	Lux	ø50%	ø10%
100m	1953	1,2m	3,8m
300m	2170	3,7m	11,5m
500m	781	6,1m	19,2m

NARROW BEAM
50% Peak angle ——
10% Peak angle ----

Weather conditions and ambient light pollution may affect the normal visibility of the beam

DIMENSIONS

mm (inch)

1300 (51,1")
710 (29,7")
Ø 430 (16,9")
800 (31,4")

Model 7.000 W
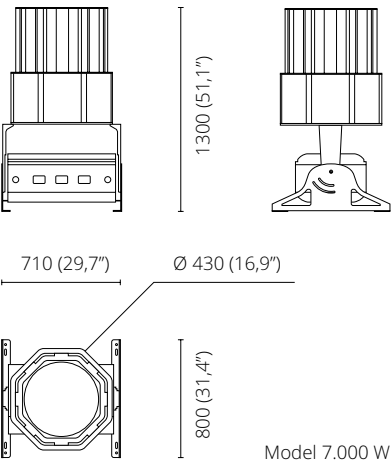
Ireos Pro 2.0   4000 / 7000 W

IP43 ⏚ CE

_8 BIG EVENT

SPOTLIGHT HOUSING
Weatherproof frame in reinforced aluminium, ABS cover.
Motors for PAN and TILT movements.
Tilt angle: 355°.
Pan angle: 260°.

TILT MECHANICAL LOCK

POWER SUPPLY UNIT

PARABOLIC REFLECTOR
Electroshaped nickel-rhodium, at ultra-high precision.

LENS
resistant to sudden changes in temperature.

ON-BOARD COMPUTER
To control the different functions, assign DMX512 addresses, retrieve preloaded shows, monitor all parameter status, with Error alarm

CONNECTORS
3 or 5 pin DMX IN and OUT

Compact professional spotlight, with mobile mechanized body, 4000 or 7000 W powers, with high performances.

The dichroic color changing system (CMY), worldwide patented by Space Cannon, allows both the beam to be coloured with a wide range of shades and a greater color saturation.

The frost effect allows a change from a sharp beam to a more diffused and softer one. Spotlight equipped with electro-mechanical shutter, to darken the beam partially or totally.

The use of a special high precision electro-shaped parabolic reflector with coating in nickel-rhodium improves the performances of the lamp and optimises the light emission, conveying the rays into sharp, linear and perfectly parallel beams, reducing the external pollution.

TECHNICAL SPECIFICATION

SPOTLIGHT HOUSING
Reinforced aluminium frame; shell in ABS.

IP RATING
IP 43

LAMP

Power	Average service life
4.000 W	1.000 h
7.000 W	1.000 h

	Flux
4.000 W	170000 lm / 17000 cd
7.000 W	310000 lm / 31000 cd

REFLECTOR
Electro-shaped parabolic reflector with nickel-rhodium coating and very high precision.
Ø 460 mm / 18,11 inches.

COLOUR CHANGE SYSTEM
A wide range of colours can be achieved thanks to a special CMY dichroic filter colour change system, with different wavelengths.
The filters slide one inside the other and produce limitless shades (Space Cannon worldwide patented system).

FOCUSING
Electronic focusing system via xternal DMX512 control unit.

POWER SUPPLY UNIT
Built-in and electronic.
Voltage 200~210 V or 220~240 V AC, 50/60 Hz single and three phase.

CONTROL
Standard DMX512 USITT'90 protocol; DMX IN/OUT for operating the unit via an external control unit. Preloaded demo shows for stand-alone operation of one or more units.

FUNCTIONS
Rapid dichroic colour change, zoom, lamp ON/OFF, shutter, dimmer, frost, strobe, synchro, delay, pan, highresolution pan, tilt, high-resolution tilt, reset.

CHANNEL LIST

Ch 1	MAGENTA
Ch 2	CYAN
Ch 3	YELLOW
Ch 4	Zoom
Ch 5	Lamp ON/OFF
Ch 6	Frost or Shutter
Ch 7	DIMMER
Ch 8	STROBE
Ch 9	PAN
Ch 10	High resolution PAN
Ch 11	TILT
Ch 12	High resolution TILT
Ch 13	SYNCHRO
Ch 14	DELAY
Ch 15	RESET

PAN AND TILT MOVEMENTS
Movement by brushless motors, 16 bit resolver.
Pan angle: 355°.
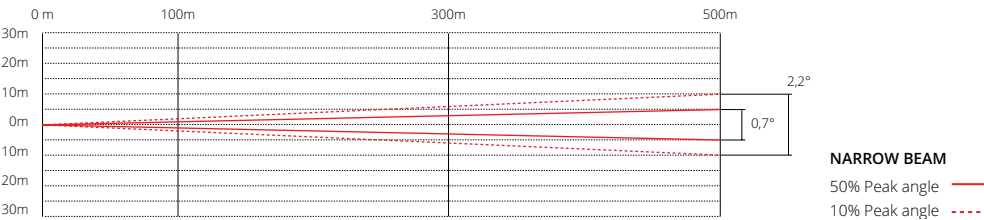Tilt angle: 260°.

INSULATION CLASS
I

PATENTS
US6486621 - AT219619T
Electronic system for generating and controlling lighting effects.
US6161945
Device for a multi-colour light beam.
TAL960018U
DMX channels re-addressing
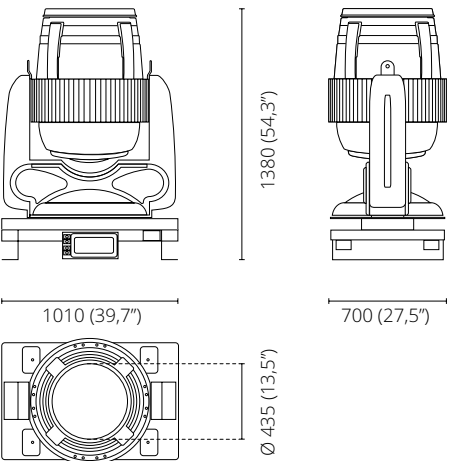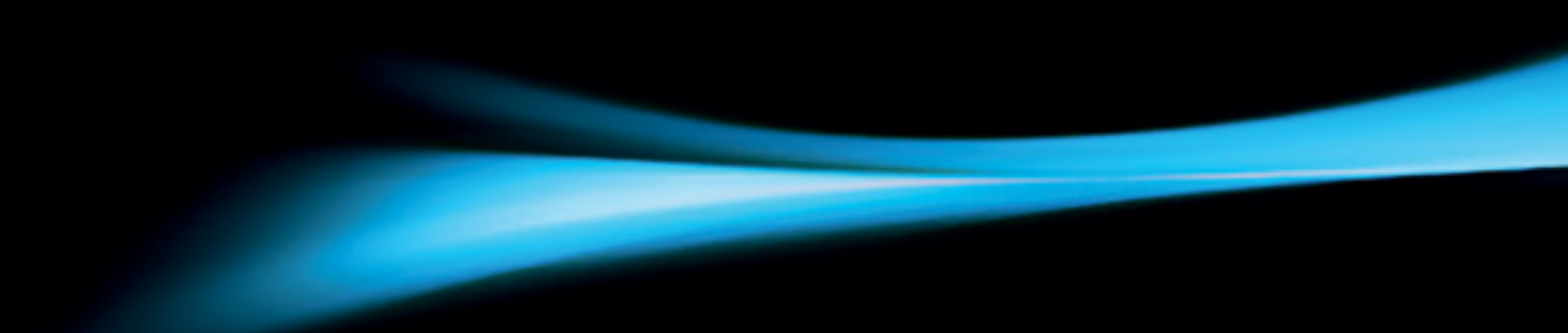
WEIGHT

4.000 W	168 kg - 370,7 lb
7.000 W	173 kg - 381,3 lb

NARROW BEAM			
Dist.	Lux	ø50%	ø10%
100m	1953	1,2m	3,8m
300m	2170	3,7m	11,5m
500m	781	6,1m	19,2m

NARROW BEAM
50% Peak angle ——
10% Peak angle ----

Weather conditions and ambient light pollution may affect the normal visibility of the beam

DIMENSIONS   mm (inch)

1380 (54,3")
1010 (39,7")
700 (27,5")
Ø 435 (13,5")

SPACECANNON SNE
via Giuseppe Parini, 1
23845 Costa Masnaga (LC) Italy

Tel +39 0314121731
Fax +39 0314131783

info@spacecannonsne.it
spacecannonsne.it