

Active



M

S

KEY BENEFITS

- Up to 2 sizes
- Modular design for high ceilings.
- Multiple installation methods.
- LED luminaire for industrial areas and sports spaces.
- Durability and sturdiness: IP66 + IK10
- State of the art LED technology
- Energy Efficient: 160 lm/W
- Anti-glare optics.
- Controlux Zhaga node with or without motion sensor.
- Lifetime L80B10 100.000h (Ta) 25°C
- 5 year warranty.



DESCRIPTION

Carandini's Active luminaire has been designed to provide effective and uniform lighting solutions in industrial and sports environments. With an IP66 protection rating, it ensures durability in various settings. Additionally, it integrates customizable intelligent controls such as motion sensors and control nodes and is compatible with the DALI system.

4000K
Ra>80

S: 15.000lm - 22.000lm
M: 31.000lm - 37.000lm

-30°C - + 50°C

160 lm/W

S: 3,9 - 4,1 Kg
M: 7 - 7,9 Kg

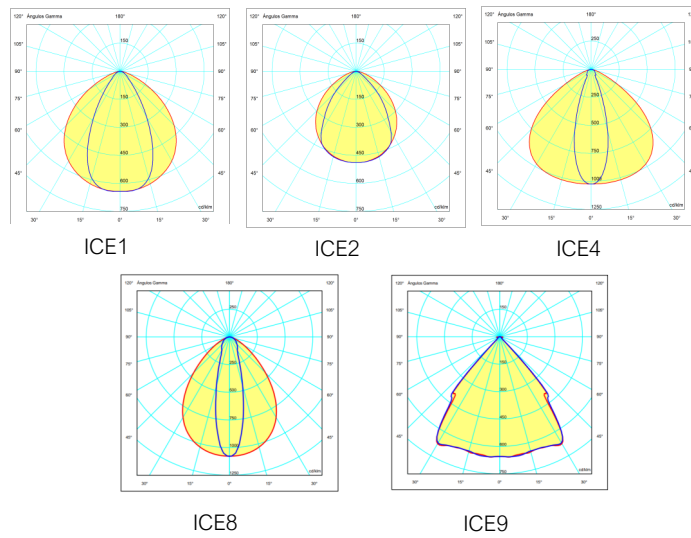
STANDARD COMPLIANCE

- EN-60598-1
- EN-62031
- EN-61000-3-2
- EN-61547
- EN-60598-2-1
- EN-55015
- EN-61000-3-3
- EN-62471

120-277V- 50/60HZ
L80B10 100.000h
Ta de 25°C

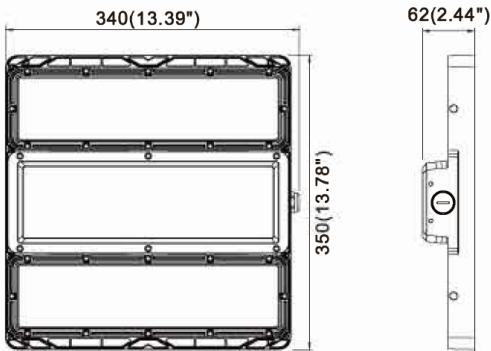
PHOTOMETRIC DISTRIBUTIONS

It has the 5 photometric distributions used for the environments in which this type of luminaire is installed, allows it to adapt to all needs:

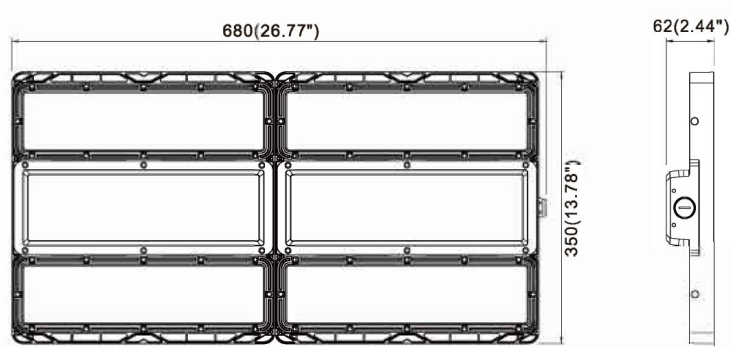


DIMENSIONS

S
340×325×60mm



M
680×325×60mm



APPLICATIONS

Logistic Centers, Corridors and warehouses, Industrial Areas, Convention center and exhibition spaces



Distributor: EPK elektro s.r.o.
info@carandini.cz - www.carandini.cz

ACTIVE CHARACTERISTICS

GENERAL INFORMATION

Sustainability	Valorisation: 95,20%. Maximum carbon footprint per use: S: 0,04245 kg kWh de CO2 M: 0,06792 kg kWh de CO2
CE marking	Yes
ENEC Certificate	Yes
RoHS compliance	Yes
Test standard	LM 79-80 (all measurements in the laboratory certified according to ISO17025)

GENERAL CHARACTERISTICS

Body	Aluminum alloy.
Finish	White powder paint (RAL9016)
Cable	1 metre
Watertightness	IP66 (EN 60598-1 and EN 60598-2-3)
Impact protection grade	IK10 (EN 62262)
Operating temperature	-30°C to + 50°C
Lifetime	L80B10 100.000h (Ta) 25°C Light maintenance assessments to TM-21 based on LM-80 data.

ELECTRICAL CHARACTERISTICS

Electrical class	Class I
Voltage / Frequency	120-277V- 50/60HZ
Power factor	> 0,91
Sensor	Optional presence sensor.

LIGHTING CHARACTERISTICS

Package real light	S: 15.000lm - 22.000lm (100W - 150W) M: 31.000lm - 37.000lm (200W - 240W)
LED colour temperature	4.000K (Neutral White, nw).
Index of reproduction chromatic (CRI)	CRI>80.
SDCM	<5
Optics	Polycarbonate lens

MAINTENANCE AND ASSEMBLY

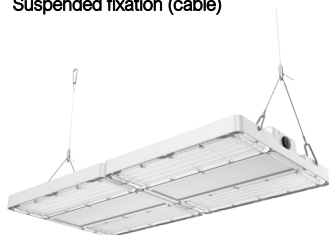
Installation and maintenance	Suspension mounting. Ceiling bracket and swivel bracket ±60 degrees.
Fixations	Suspended fixation (cable) Suspended fixation (chain) 60° rotatable bracket fixation
Accessories	Suspension chain
Weight with equipment	S: 3,9 - 4,1 Kg M: 7 - 7,9 Kg

MANAGEMENT AND CONTROL

Equipment	A0: 0 - 10V RD: DALI
Socket connection	X: ZHAGA top socket 4 pins with IP66 cover (0-10V control)
Node	C1: Controlux Industrial/Sport (0-10V control) C2: Controlux Industrial/Sport + PIR sensor (0-10V control)

FIXATIONS

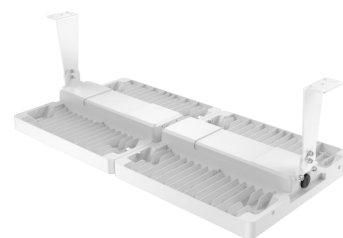
Suspended fixation (cable)



Suspended fixation (chain)



60° rotatable bracket fixation



ACCESORIOS

Cable installation

Suspended mounting chain 1m long

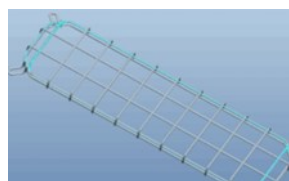


Controlux Zhaga node

Control node BLE with or without presence sensor



Protective mesh



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LOGISTICAL INFORMATION

ACTIVE S

Box dimensions: 428 x 418 x 110 mm

Box weight: 5,3 kg.

Number of boxes: 60 unidades

American pallet: 1200 x 1000 x 1800 mm

Number of levels: 15 plantas

Surface area used: 59,6%

Volume used: 57,9%

Total gross weight: 328 kg

ACTIVE M

Box dimensions: 755 x 428 x 150 mm

Box weight: 9,4 kg.

Number of boxes: 45 unidades

American pallet: 1200 x 1000 x 1800 mm

Number of levels: 15 plantas

Surface area used: 80,8%

Volume used: 78,4%

Total gross weight: 433 kg