

# 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 L70B10 >100.000hr (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>70



S: 16.000lm - 24.000lm  
M: 32.000lm - 38.400lm



-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

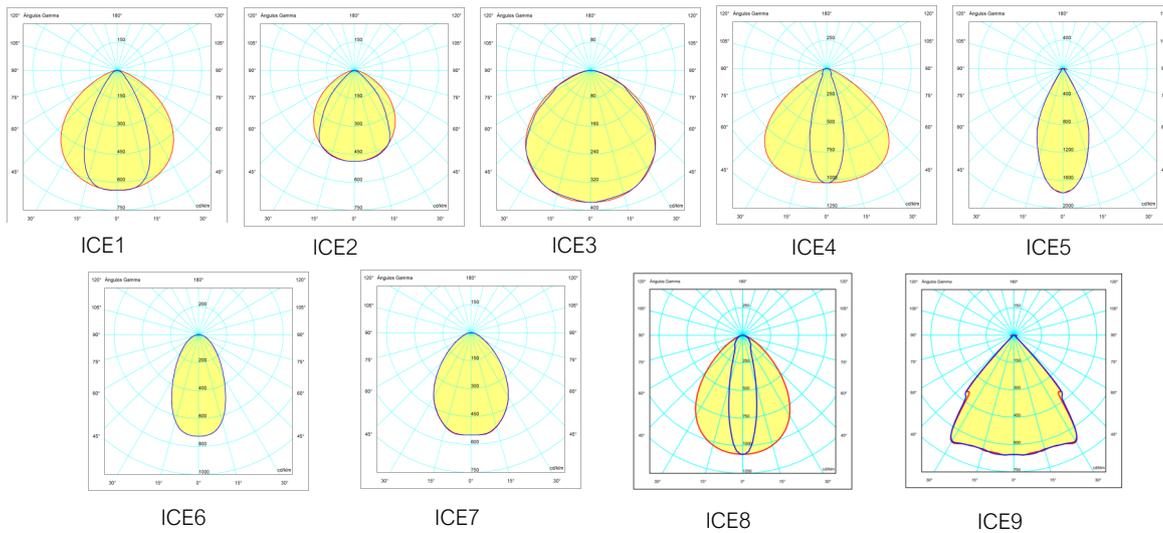
120-277V- 50/60HZ  
L70B10 >100.000hr  
Ta de 25°C

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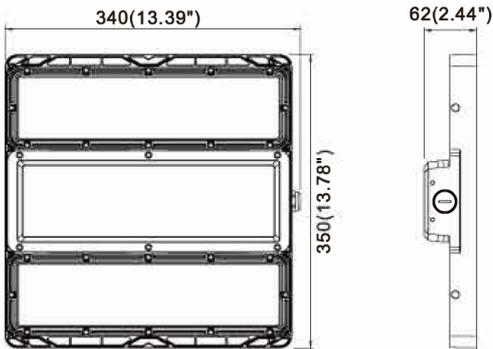
**PHOTOMETRIC DISTRIBUTIONS**

It has the 2 photometric distributions used for the environments in which this type of luminaire is installed, allows it to adapt to all needs:

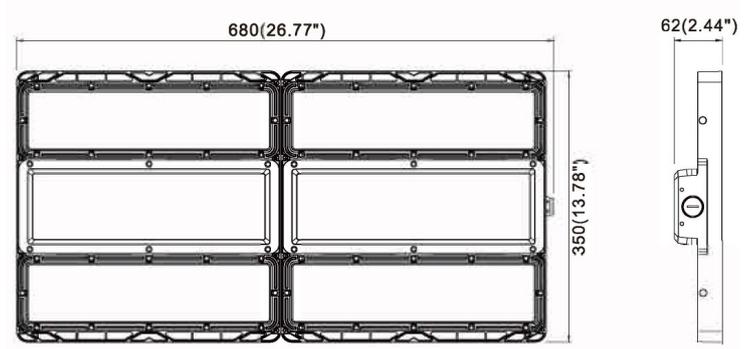


**DIMENSIONS**

**S**  
340×325×60mm

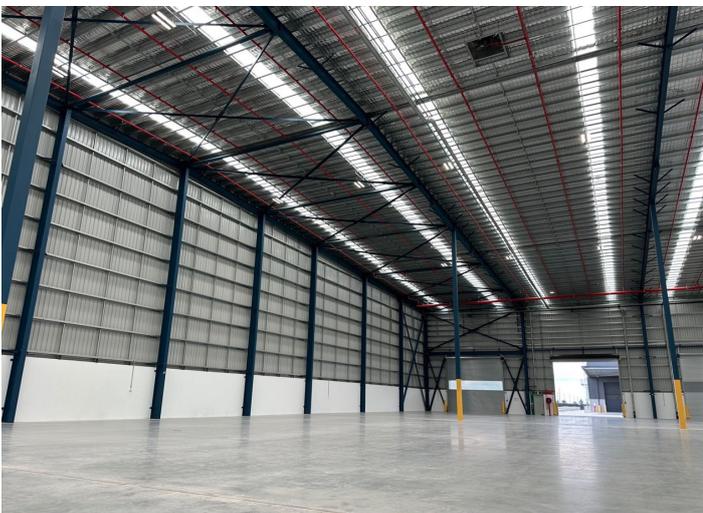


**M**  
680×325×60mm



**APPLICATIONS**

Industrial areas, logistics warehouses, sports pavilions.



**ACTIVE CHARACTERISTICS**

**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	L70B10 >100.000hr (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: 16.000lm - 24.000lm (100W - 150W) M: 32.000lm - 38.400lm (200W - 240W)
LED colour temperature	4.000K (Neutral White, nw).
Index of reproduction chromatic (CRI)	CRI>80.
Optics	Polycarbonate lens

**MAINTENANCE AND ASSEMBLY**

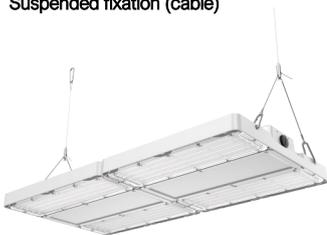
Installation and maintenance	Suspension mounting. Ceiling bracket and swivel bracket ±60 degrees.
Fixations	Suspended fixation (cable) Suspended fixation (chain) 60° rotatable bracket fixation
Accessories	Suspension chain
Weight with equipment	S: 3,9 - 4,1 Kg M: 7 - 7,9 Kg

**MANAGEMENT AND CONTROL**

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

**FIXATIONS**

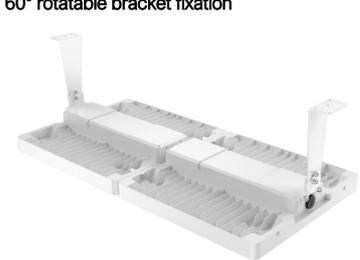
Suspended fixation (cable)



Suspended fixation (chain)



60° rotatable bracket fixation



**ACCESORIOS**

**Cable installation**

Suspended mounting chain 1m long

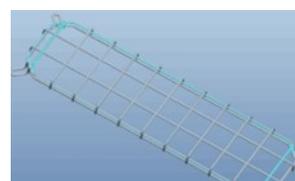


**Controlux Zhaga node**

Control node BLE with or without presence sensor



**Protective mesh**



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