



**General Features**

Description: orientable recessed LED lighting for diffused or accent lighting of architecture, urban spaces or structures in open areas
Insulation class: class III - power supply kit class II
Rated voltage: 220-240 V 50/60 Hz
Protection Grade: IP67
Impact protection: IK10
Power Factor: > 0.9
Ambient temperature Ta: -30°C +50°C
Weight: 2.00 kg
Driver: to be ordered separately
Marks and Certifications: CE



15W		
H (m)	Ø (m)	Em (lux)
5	3.8	51
4	3	80
3	2.2	142
2	1.5	320
1	0.7	1281

**Performance Data\***

LED Current:	450 mA
Source flow:	1750 lm
Source power:	15 W
Source efficiency:	117 lm/W
Fitting flux:	1225 lm
Fitting power:	18 W
Fitting efficiency:	68 lm/W

### Optical System

Source: CoB LED

Colour Temperature: 4000 K

Color Rendering Index (CRI):  $\geq 90$

Chromatic consistency (SDCM):  $\leq 3$

Type of optics: wide beam 45°

Optical group life: >60.000h @Ta25°C L80B10

Photobiological safety class: EXEMPT GROUP

### Normative References

EN60598-1 / EN60598-2-3 / EN62471 / EN61547

### Installation and maintenance

Installation: ceiling/ground recessed

Tilt: Orientable Optical System. Tilt: 0° / -5° / -10° / -15°.  
Rotation +359°.

Fastening: drive over version with recessed housing in plastic material to be buried in the floor

Wiring: Driver housing (to be ordered separately) IP67 pre-wired with M8x1 connector for the wiring from the driver to the fitting. It's supplied with cable H05RN-F Ø 6,5mm (ON-OFF version) or 2 cables H05RN-F diam Ø 6,5mm (DALI version). Electronic driver fed with 220-240V 50/60Hz with output 37V 450mA

Replaceable optical unit: each LED module is replaceable

Screen opening: opening by means of tools

### Flux regulation

Standard

DALI control

X

### Materials

Body: die-cast aluminium primary alloy UNI EN AB 44300

Lenses: highly transparent technopolymer lenses

Seals: anti-age silicone

Screws: stainless steel AISI 304

Finish: AISI 361L stainless steel frame with sandblasted and shoot peened finish

### Colours

■ sandblasted stainless steel AISI 316L      Code: **06KR1A160BOXS**

## Complements



06KS909C0

B89 Connector 4 way IP68



06KS918C0

B137 2 - way connector IP68



06KR901B0

B132 Drive over recessed housing made of polypropylene. Colour: black RAL9005.



06KR904X0

B149 Driver  
20W-240V IP67



06KR905X0

B150 DALI driver  
20W-240V IP67

## NOTES

### \*Performance data

The values indicated in this data sheet are nominal values with a tolerance of +/-7%.

Source flux and source efficiency data refer to the LED module without optics; in case you are interested in the performance of the LED module complete with optical system, you must multiply the data reported by the factor 0.9.

### General Data

The characteristics of the product listed may be subject to change and must be confirmed when ordering.

In order to promote constant updating of its products, Cariboni Group reserves the right to make changes without prior notice.