

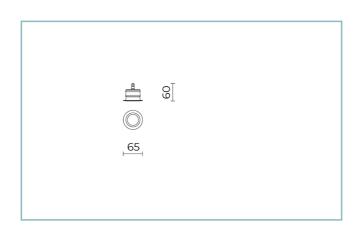
## **General Features**

Description: recessed LED product
Insulation class: class III
Rated voltage: 24Vdc
Protection Grade: IP67
Impact protection: IK10
Power Factor: > 0.9
Ambient temperature Ta: -30°C +50°C

Weight: 0,4 kg

Driver: to be ordered separately

Marks and Certifications: CE





H (m)	Ø (m)	Em (lux)
1	0.15	6680
2	0.28	1670
3	0.4	742
4	0.55	417
5	0.7	267

## Performance Data\*

Source flux:	360 lm
Source power:	3.2 W
Source efficiency:	113 lm/W
Device flux:	280 lm
Device power:	3.2 W
Appliance efficiency:	88 lm/W



**Chara Ceiling-Recessed** Color Temperature: 3000 K Type of optics: C 8° Narrow beam

#### **Optical System**

Source: LED

Color Temperature: 3000 K

Color Rendering Index (CRI): ≥ 80

Chromatic consistency (SDCM): ≤ 3

Type of optics: C 8° Narrow beam

Optical group life: >50.000h @Ta25°C L80B10

Photobiological safety class: EXEMPT GROUP

## **Normative References**

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

#### Installation and maintenance

Installation: ceiling, walk over, wall-recessed

Fixing: springs

Wiring: pre-wired product with M8x1 screw connector; cable length of 1 m

Flow adjustment	On request
DALI control	Х

## Materials

Body: micro-shot peened stainless steel AISI 316L with sanded finish

Screen: tempered flat glass

Lenses: high-transparency PMMA

Seals: anti-age silicone

Screws: stainless steel AISI 304

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

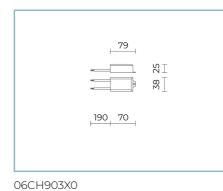
## Colors

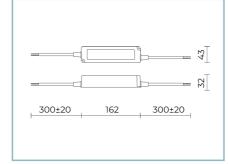
sandblasted stainless Code: 06CH3A139A5XS steel AISI 316L



**Chara Ceiling-Recessed** Color Temperature: 3000 K Type of optics: C 8° Narrow beam

## Complements



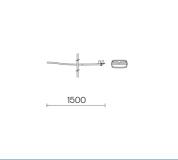




B148 Driver 60W-24V IP67



#### 06KS918C0





# 06CH902XX0

B147 Driver

10W-24V IP67

B131 Springs for ceiling installation

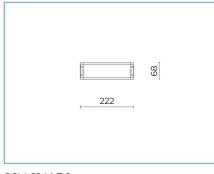


# B198 Kit in/out

cable 1,5 m 24 V with junction box

#### 06KS909C0

B89 Connector 4 way IP68



06LL914AB0

DALI driver 150W-24V IP67



B137 2 - way connector IP68

**Chara Ceiling-Recessed** Color Temperature: 3000 K Type of optics: C 8° Narrow beam

#### 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.

