## **Chara Ceiling-Recessed**

Color Temperature: 4000 K Type of optics: U-D 90° Diffused beam

## 06CH1A130A7XS

Colour: sandblasted stainless steel AISI

l6L



# **General Features**

Description: recessed LED product

Insulation class: class III

Rated voltage: 24Vdc

Protection Grade: IP67

Impact protection: IK09

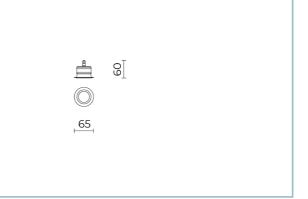
Power Factor: > 0.9

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	1.3	23
2	2.6	6
3	4	3
4	5.2	2
5	6.6	1

## Performance Data\*

Source flow:	95 lm
Source power:	0.6 W
Source efficiency:	158 lm/W
Device flow:	75 lm
Device power:	0.6 W
Appliance efficiency:	125 lm/W

Product Sheet Rev. 17/01/2023 **Chara Ceiling-Recessed** 

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## **Optical System**

Source: LED

Color Temperature: 4000 K

Color Rendering Index (CRI): ≥ 80

Chromatic consistency (SDCM):  $\leq 3$ 

Type of optics: U-D 90° Diffused 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  $\mbox{m}$ 

Flow adjustment	On request
DALI control	X

#### 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 steel AISI 316L

Code: 06CH1A130A7XS



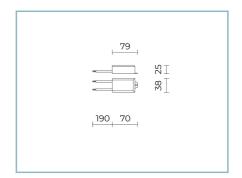
Product Sheet Rev. 17/01/2023 **Chara Ceiling-Recessed** 

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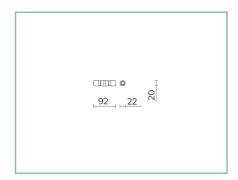
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## Complements



₩ 300±20 162 300±20

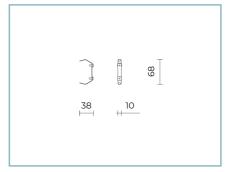


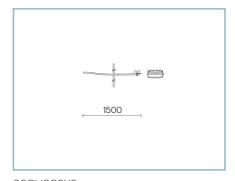
06CH903X0

B147 Driver 10W-24V IP67 06CH904X0

B148 Driver 60W-24V IP67 06KS918C0

B137 2 - way connector IP68







06CH902XX0

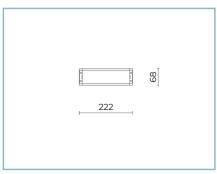
B131 Springs for ceiling installation

06CH906X0

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 **Product Sheet** 

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**Chara Ceiling-Recessed** 

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Colour: sandblasted stainless steel AISI

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#### 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.

