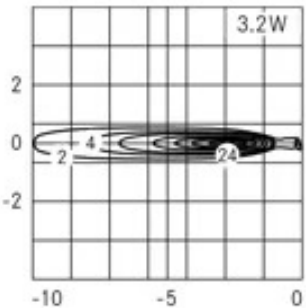
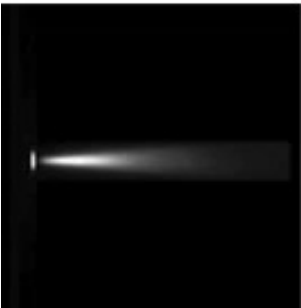




General Features

| | |
|---------------------------|--------------------------|
| 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 |



Performance Data*

| | |
|-----------------------|----------|
| Source flux: | 235 lm |
| Source power: | 2 W |
| Source efficiency: | 118 lm/W |
| Device flux: | 180 lm |
| Device power: | 2 W |
| Appliance efficiency: | 90 lm/W |
| Glare Index Category: | D6 |

Optical System

Source: LED

Color Temperature: 2700 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: recessed housing

Wiring: pre-wired product with M8x1 screw connector;
cable length of 1 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 316L stainless steel frame with sandblasted and
shoot peened finish

Colors

■ sandblasted stainless
steel AISI 316L

Code: **06CH2A138A5XS**

Product Sheet

Rev. 17/01/2023

Chara Wall-Recessed

Color Temperature: 2700 K

Type of optics: C 8° Narrow beam

06CH2A138A5XS

Colour: sandblasted
stainless steel AISI
316L

Complements



06CH903X0

B147 Driver
10W-24V IP67



06CH904X0

B148 Driver
60W-24V IP67



06KS918C0

B137 2 - way connector IP68



06CH901B0

B130 Walk over and wall recessed
housing
made of polypropylene. Colour: black
RAL9005.



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

Rev. 17/01/2023

Chara Wall-Recessed

Color Temperature: 2700 K

Type of optics: C 8° Narrow beam

06CH2A138A5XSColour: sandblasted
stainless steel AISI
316L

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.