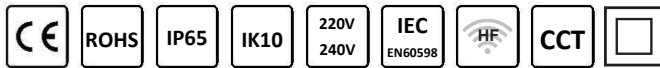


Brida Sensor CCT Hvid/Sort



Product informaton

Hvid/Sort UV resistance LED ceiling light, power can adjust between 11W / 13W / 18W, color temperature can adjust between 3000K-4000K

Features

- * UV resistance housing
- * Anti-theft& retained screws
- * Plastic plug to hide the screws
- * Cable entrance for both bottom and side wiring
- * Knock-out holes for side wiring
- * LED efficiency 122lm/W at 4000K for Hvid fitting color, LED efficiency 115lm/W at 4000K for Sort fitting color
- * Power Switchable
- * Color Temperature Selectable
- * Microwave motion sensor tri-level dimming function (corridor function)

Product data

| General Informadon | |
|------------------------------------|--|
| Light source type | LED |
| Number of LED module | 1 Pcs |
| Beam angle of LED module | 120° |
| Color temperature | 3000K, 3500K, 4000K |
| CRI | 80 |
| LED module replaceable | NO |
| Number of LED driver | 1 Unit |
| Driver included | Yes |
| L90 life time of LED module | 49,000 hrs |
| L80 life time of LED module | 102,000 hrs |
| LED module lumen | Hvid:3000K:2070lm 3500K:2160lm 4000K:2196lm Sort:3000K:1980lm 3500K:2030lm 4000K:2070lm |
| Operaring and Electrical | |
| Input Voltage | 220-240 Vac |
| Input frequency | 50 to 60 Hz |
| System wattage | 11/13/18W |
| Inrush current | 15.4A |
| Inrush time | 52µs |
| Power factor | ≥0.9 |
| Surge protection | 1KV(L/N-Ground) |
| Ambient temperature range | -20°C to + 40°C |
| Performance ambient temperature Tq | +25°C |
| SDCM | around 3 steps |

| Diffuser type | PC |
|---|----------------------|
| Control and dimming | 3-step dimming level |
| Connection type | 2 pole connector |
| Protection class IEC | Safety class II |
| Glow-wire test | Temperature 650°C |
| UGR | from 21 |
| PstLM | > 1 |
| SVM | >0.4 |
| CE Mark | Yes |
| EU RoHS compliant | Yes |
| Net weight (piece) | 0.87Kg |
| Dimension | |
| Overall length | 290mm |
| Overall width | 290mm |
| Overall height | 55mm |
| Mechanical and Housing | |
| Housing material | PC |
| Diffuser material | PC |
| Housing color | Hvid / Sort |
| Ingress protection code | IP65 |
| Meeh, impact protection code | IK10 |
| Remarks | |
| LED driver failure rate at 50,000hrs@25°C | 5% |
| Power consumption tolerance | ±5% |

Specifications

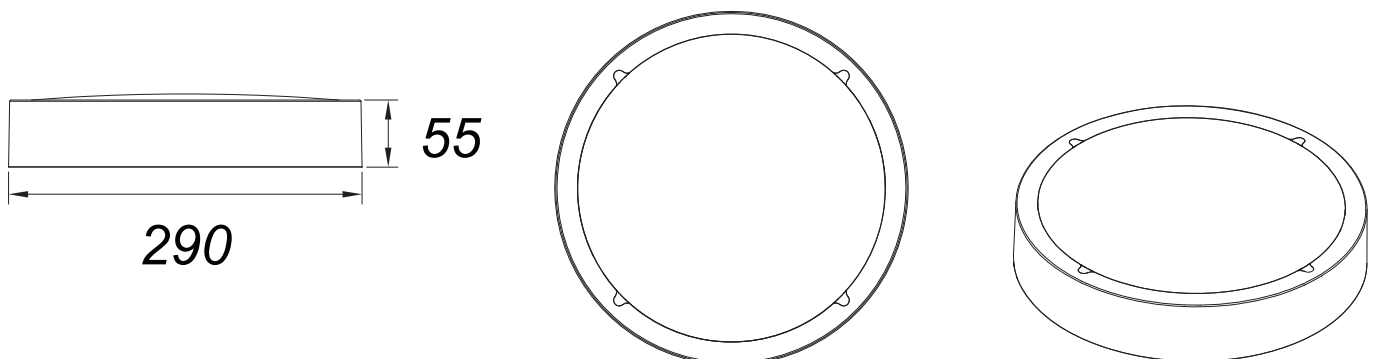
| Varenummer | LED Module Wattage* | Length mm | Width mm | Height mm | CCT (Kelvin)* | Rated Flux (Lm) * | CRI (Ra)* | Beam angle* | Energy Class | Dimming technology |
|----------------------|---------------------|-----------|----------|-----------|---------------|-------------------|-----------|-------------|--------------|--------------------|
| 5702318290306 (Hvid) | 18 | 290 | 290 | 55 | 3000K | 2070 | 80 | 120° | D | NO |
| 5702318290306 (Hvid) | 18 | 290 | 290 | 55 | 3500K | 2160 | 80 | 120° | D | NO |
| 5702318290306 (Hvid) | 18 | 290 | 290 | 55 | 4000K | 2196 | 80 | 120° | D | NO |
| 5702318290405 (Sort) | 18 | 290 | 290 | 55 | 3000K | 1980 | 80 | 120° | D | NO |
| 5702318290405 (Sort) | 18 | 290 | 290 | 55 | 3500K | 2030 | 80 | 120° | D | NO |
| 5702318290405 (Sort) | 18 | 290 | 290 | 55 | 4000K | 2070 | 80 | 120° | D | NO |

* Due to the special conditons of the manufacturing processes of LED, the typical data of technical parameters can only reflect statistical figures and do not necessarily correspond to the actual parameters of each single product which could differ from the typical value. A max 10% tolerance is deemed to be acceptable in any case.

Circuit Breaker

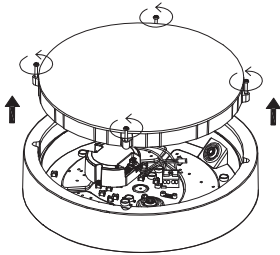
| Circuit breaker model No. Product name | B10 | B13 | B16 | B20 | C10 | C13 | C16 | C20 |
|---|------------------------------|-----|-----|-----|-----|-----|-----|-----|
| | Brida Sensor CCT Hvid / Sort | 73 | 95 | 117 | 146 | 73 | 95 | 117 |

Dimension drawings



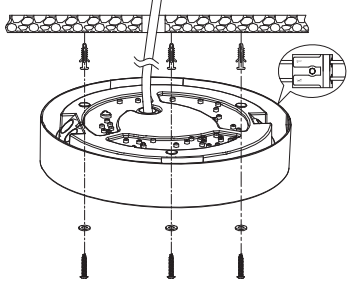
Installation manual

1



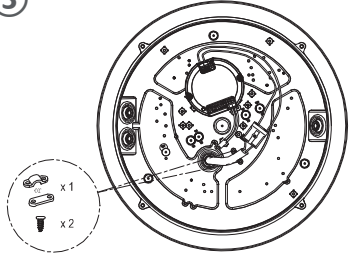
Unscrew the diffuser anticlockwise.
Vertically remove the diffuser and PCBA.

2



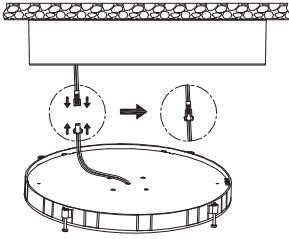
a. Cut off the power. Thread the input cable through the rubber plug to the fixture. Connect the L, N wire referring to the wiring diagram.
b. Knock the rawl plugs into the pre-drilled holes on ceiling. Wear plastic washers on self-tapping screws and tighten them to fix the fixture on ceiling.

3



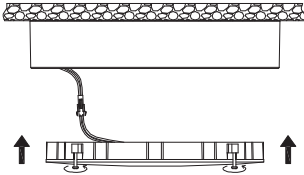
Install the cable clip.

4



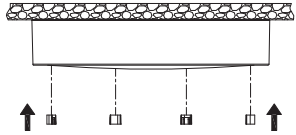
Connect the DC cable.

5



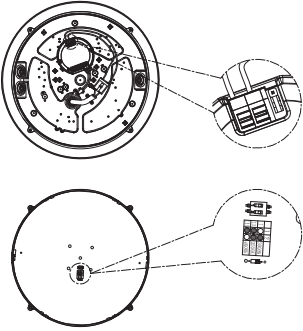
Mount the diffuser onto the base with screws.

6



Install the plastic plugs to hide the screws.

Installation 1



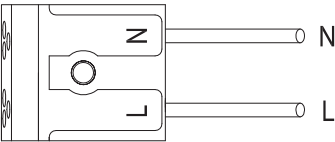
| P _{in} | I _{out} | Sketch |
|-----------------|------------------|--------|
| 18W | 500 mA | |
| 13W | 350 mA | |
| 11W | 300 mA | |

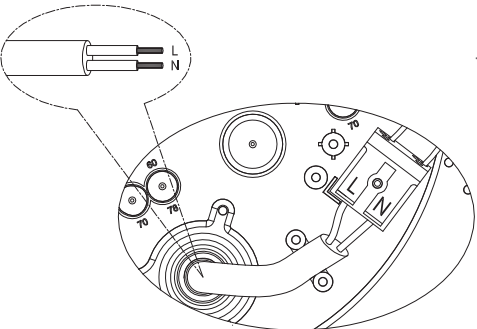
Wattage Setting

| | 1 | 2 | |
|-----|---|---|-------|
| I | ● | ● | 3000K |
| II | ● | ● | 3500K |
| III | ● | ● | 4000K |

CCT Setting

Wattage / CCT Setting 2

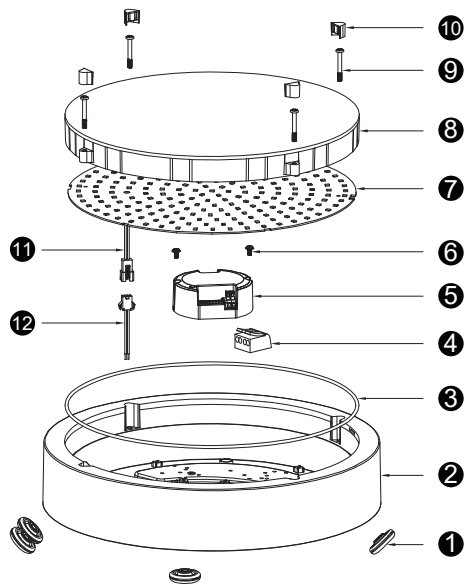




The min. diameter is $\geq 0.75\text{mm}^2$
Dimension: $\phi 8.5\text{mm} < \text{Cable} < \phi 11\text{mm}$

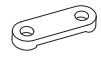
Connecting Power Supply 3

4 Explosion Drawing

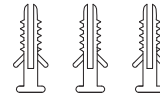


- | | |
|----------------------------|------------------------|
| ① Waterproof rubber plug | ⑧ Diffuser |
| ② Base | ⑨ Vandal-proof screw |
| ③ Waterproof ring | ⑩ Plastic screw plug |
| ④ Terminal block | ⑪ DC cable male plug |
| ⑤ Driver | ⑫ DC cable female plug |
| ⑥ Screws for driver fixing | |
| ⑦ LED Board | |

5 Accessory



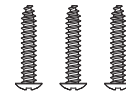
Cable Clip



φ6x25mm Rawl plug



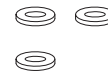
PB3x8mm Screws
(fix cable clip)



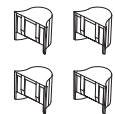
PA4x25mm Screws
(fix the fixture)



Vandal-proof
Screw Tool



φ8 Waterproof
Silicone Washer



Plastic Plug



DK: Må kun installeres af autoriseret elinstallatør
EN: Only to be installed by an authorized electrician.

EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

UGR(Unified Glare Rating) Table

| | | | | | | | | | | |
|---|-------------------------|-------------|-------------|-------------|--------------------------|-----------------------|-------------|-------------|-------------|-------------|
| Test:U:221.70V I:0.0840A P:17.200W PF:0.9180 Freq:50.00Hz | | | | | | | | | | |
| Lamp Flux:2199.75x1 lm | | | | | | | | | | |
| Name: Brida Sensor CCT Hvid | | | | | Type: | | | | | |
| MFR.: | | | | | DIM.: ϕ 290*55 (mm) | | | | | |
| | | | | | SUR.: ϕ 252 (mm) | | | | | |
| ceiling/cavity | 0.7 | 0.7 | 0.5 | 0.5 | 0.3 | 0.7 | 0.7 | 0.5 | 0.5 | 0.3 |
| walls | 0.5 | 0.3 | 0.5 | 0.3 | 0.3 | 0.5 | 0.3 | 0.5 | 0.3 | 0.3 |
| working plane | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 |
| Room dimensions | Viewed crosswise | | | | | Viewed endwise | | | | |
| x = 2H y = 2H | 21.1 | 22.7 | 21.5 | 23.0 | 23.4 | 21.2 | 22.7 | 21.6 | 23.1 | 23.5 |
| 3H | 22.9 | 24.4 | 23.3 | 24.7 | 25.2 | 23.1 | 24.5 | 23.5 | 24.9 | 25.3 |
| 4H | 23.6 | 25.0 | 24.1 | 25.4 | 25.8 | 23.8 | 25.2 | 24.2 | 25.6 | 26.0 |
| 6H | 24.2 | 25.4 | 24.6 | 25.9 | 26.3 | 24.4 | 25.6 | 24.8 | 26.1 | 26.5 |
| 8H | 24.4 | 25.6 | 24.8 | 26.0 | 26.5 | 24.6 | 25.8 | 25.1 | 26.2 | 26.7 |
| 12H | 24.5 | 25.7 | 25.0 | 26.1 | 26.6 | 24.8 | 25.9 | 25.2 | 26.4 | 26.8 |
| 4H 2H | 21.7 | 23.1 | 22.2 | 23.5 | 23.9 | 21.8 | 23.2 | 22.2 | 23.6 | 24.0 |
| 3H | 23.8 | 25.0 | 24.3 | 25.4 | 25.9 | 23.9 | 25.1 | 24.4 | 25.5 | 26.0 |
| 4H | 24.7 | 25.7 | 25.1 | 26.2 | 26.7 | 24.8 | 25.9 | 25.3 | 26.3 | 26.8 |
| 6H | 25.4 | 26.3 | 25.9 | 26.8 | 27.3 | 25.6 | 26.5 | 26.0 | 26.9 | 27.5 |
| 8H | 25.6 | 26.5 | 26.1 | 27.0 | 27.5 | 25.8 | 26.7 | 26.3 | 27.2 | 27.7 |
| 12H | 25.8 | 26.6 | 26.3 | 27.1 | 27.6 | 26.0 | 26.8 | 26.6 | 27.3 | 27.9 |
| 8H 4H | 25.0 | 25.9 | 25.5 | 26.4 | 26.9 | 25.2 | 26.0 | 25.7 | 26.5 | 27.0 |
| 6H | 25.9 | 26.6 | 26.4 | 27.1 | 27.6 | 26.0 | 26.7 | 26.6 | 27.3 | 27.8 |
| 8H | 26.2 | 26.8 | 26.8 | 27.4 | 27.9 | 26.4 | 27.0 | 27.0 | 27.6 | 28.1 |
| 12H | 26.5 | 27.1 | 27.1 | 27.6 | 28.2 | 26.7 | 27.3 | 27.3 | 27.8 | 28.4 |
| 12H 4H | 25.1 | 25.8 | 25.6 | 26.4 | 26.9 | 25.2 | 26.0 | 25.7 | 26.5 | 27.0 |
| 6H | 26.0 | 26.6 | 26.5 | 27.1 | 27.7 | 26.1 | 26.8 | 26.7 | 27.3 | 27.9 |
| 8H | 26.4 | 26.9 | 26.9 | 27.5 | 28.1 | 26.5 | 27.1 | 27.1 | 27.6 | 28.3 |
| CIE190: 2010 | | | | | | | | | | |
| | | | | | | | | | | |

CIE190: 2010
Area: 0.05 m2

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: DAMIN
Test Date: 2022-04-28

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V2.00.443
Humidity: 65.0%
Test Distance: 8.000m [K=0.7063]
Remarks:

EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

UGR(Unified Glare Rating) Table

| | | | | | | | | | | |
|---|-------------------------|-------------|-------------|-------------|--------------------------|-----------------------|-------------|-------------|-------------|-------------|
| Test:U:220.70V I:0.0850A P:17.200W PF:0.9200 Freq:50.00Hz | | | | | | | | | | |
| Lamp Flux:2079.54x1 lm | | | | | | | | | | |
| Name: Brida Sensor CCT Sort | | | | | Type: | | | | | |
| MFR.: | | | | | DIM.: ϕ 290*55 (mm) | | | | | |
| | | | | | SUR.: ϕ 252 (mm) | | | | | |
| ceiling/cavity | 0.7 | 0.7 | 0.5 | 0.5 | 0.3 | 0.7 | 0.7 | 0.5 | 0.5 | 0.3 |
| walls | 0.5 | 0.3 | 0.5 | 0.3 | 0.3 | 0.5 | 0.3 | 0.5 | 0.3 | 0.3 |
| working plane | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 |
| Room dimensions | Viewed crosswise | | | | | Viewed endwise | | | | |
| x = 2H y = 2H | 20.6 | 22.1 | 21.0 | 22.5 | 22.9 | 20.6 | 22.2 | 21.0 | 22.6 | 22.9 |
| 3H | 22.3 | 23.7 | 22.7 | 24.1 | 24.5 | 22.4 | 23.8 | 22.8 | 24.2 | 24.6 |
| 4H | 22.9 | 24.2 | 23.3 | 24.6 | 25.1 | 23.0 | 24.3 | 23.4 | 24.7 | 25.2 |
| 6H | 23.3 | 24.6 | 23.8 | 25.0 | 25.4 | 23.5 | 24.7 | 23.9 | 25.1 | 25.6 |
| 8H | 23.5 | 24.6 | 23.9 | 25.1 | 25.5 | 23.6 | 24.8 | 24.1 | 25.2 | 25.7 |
| 12H | 23.6 | 24.7 | 24.0 | 25.1 | 25.6 | 23.7 | 24.8 | 24.2 | 25.2 | 25.7 |
| 4H 2H | 21.1 | 22.5 | 21.6 | 22.9 | 23.3 | 21.3 | 22.6 | 21.7 | 23.0 | 23.5 |
| 3H | 23.1 | 24.2 | 23.5 | 24.6 | 25.1 | 23.2 | 24.4 | 23.7 | 24.8 | 25.3 |
| 4H | 23.8 | 24.8 | 24.3 | 25.3 | 25.8 | 24.0 | 25.0 | 24.5 | 25.5 | 26.0 |
| 6H | 24.4 | 25.3 | 24.9 | 25.8 | 26.3 | 24.6 | 25.5 | 25.1 | 26.0 | 26.5 |
| 8H | 24.6 | 25.4 | 25.1 | 25.9 | 26.4 | 24.8 | 25.6 | 25.3 | 26.1 | 26.6 |
| 12H | 24.7 | 25.4 | 25.2 | 25.9 | 26.5 | 24.9 | 25.7 | 25.4 | 26.2 | 26.7 |
| 8H 4H | 24.1 | 24.9 | 24.6 | 25.4 | 25.9 | 24.3 | 25.2 | 24.8 | 25.7 | 26.2 |
| 6H | 24.8 | 25.5 | 25.3 | 26.0 | 26.5 | 25.1 | 25.7 | 25.6 | 26.3 | 26.8 |
| 8H | 25.0 | 25.6 | 25.6 | 26.2 | 26.7 | 25.3 | 25.9 | 25.9 | 26.5 | 27.0 |
| 12H | 25.2 | 25.7 | 25.8 | 26.3 | 26.9 | 25.5 | 26.1 | 26.1 | 26.6 | 27.2 |
| 12H 4H | 24.1 | 24.9 | 24.6 | 25.4 | 25.9 | 24.4 | 25.1 | 24.9 | 25.6 | 26.2 |
| 6H | 24.8 | 25.4 | 25.4 | 26.0 | 26.6 | 25.1 | 25.8 | 25.7 | 26.3 | 26.9 |
| 8H | 25.1 | 25.7 | 25.7 | 26.2 | 26.8 | 25.5 | 26.0 | 26.0 | 26.5 | 27.1 |
| CIE190: 2010 | | | | | | | | | | |
| | | | | | | | | | | |

CIE190: 2010
Area: 0.049 m2

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2022-05-26

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.443
Humidity:65.0%
Test Distance:8.000m [K=0.7063]
Remarks: