

Brida Sensor Master/Slave CCT



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	3000K:2070lm 3500K:2160lm 4000K:2196lm
Operaring and Electrical	
Input Voltage	220-240 Vac
Input frequency	50 to 60 Hz
System wattage	11/12/14/15/16/17/18W
Inrush current	1.4A
Inrush time	284μs
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

Product informaton

Hvid UV resistance LED ceiling light, power can adjust between 11W / 12W/ 14W / 15W / 16W / 17W / 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/Wat 4000K
- * Power Switchable
- * Color Temperature Selectable
- * Bluetooth App or Bluetooth panel or Push or EN OCEAN control, microwave motion sensor tri-level dimming, daylight harvest, Photocell Advance function or say "Pro-active lux switching"

Control and dimming	Bluetooth & 3-step dimming level
Connection type	3 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)	1Kg
Dimension	
Overall length	290mm
Overall width	290mm
Overall height	55mm
Mechanical and Housing	
Housing material	PC
Diffuser material	PC
Housing color	Hvid
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

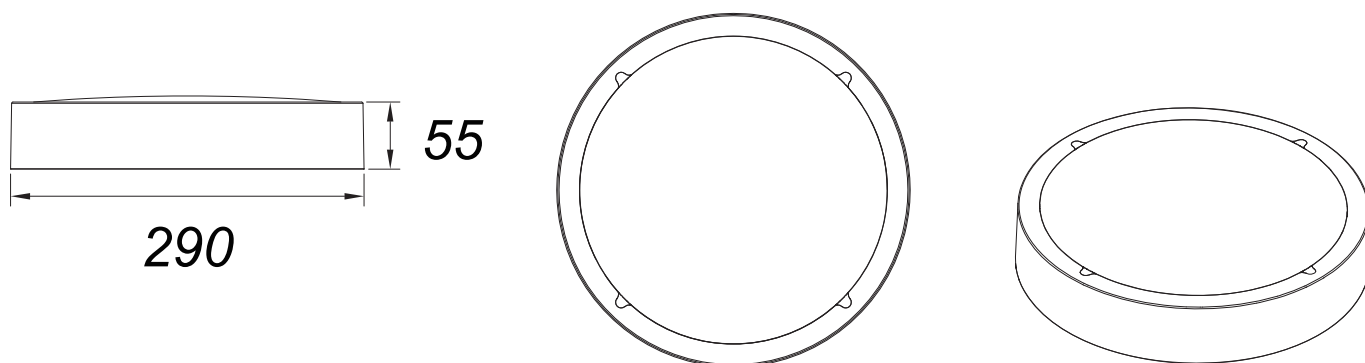
Varenummer	LED Module Wattage*	Length mm	Width mm	Height mm	CCT (Kelvin)*	Rated Flux (Lm) *	CRI (Ra)*	Beam angle*	Energy Class	Dimming technology
5702518290601 (Hvid)	18	290	290	55	3000K	2070	80	120°	D	YES
5702518290601 (Hvid)	18	290	290	55	3500K	2160	80	120°	D	YES
5702518290601 (Hvid)	18	290	290	55	4000K	2196	80	120°	D	YES

* 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

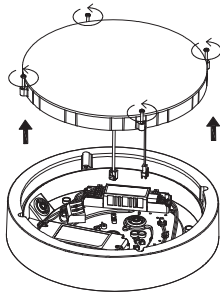
Circuit breaker model No. Product name	B10	B13	B16	B20	C10	C13	C16	C20
Brida Sensor Master/Slave CCT	77	100	124	155	77	100	124	155

Dimension drawings



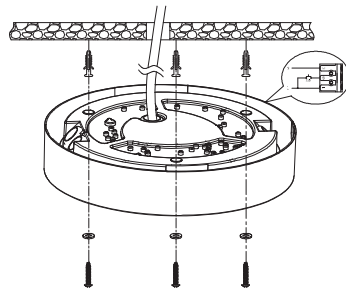
Installation manual

①



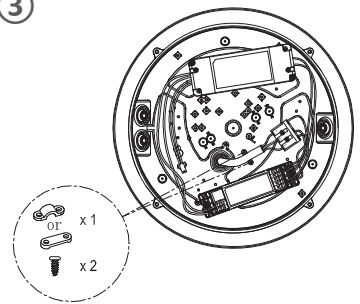
Unscrew the diffuser anticlockwise.
Vertically remove the diffuser and PCBA.

②



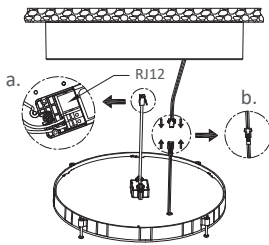
- Cut off the power. Thread the input cable through the rubber plug to the fixture. Connect the L, PUSH, N wire referring to the wiring diagram.
- Knock the rawl plugs into the pre-drilled holes on ceiling. Wear plastic washers on self-tapping screws and tighten them to fix the fixture on ceiling.

③



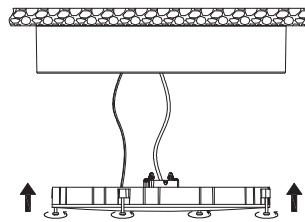
Install the cable clip.

④



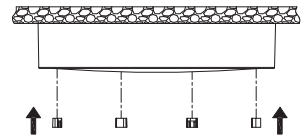
- Connect RJ12 with Bluetooth driver.
- Connect the DC cable.

⑤



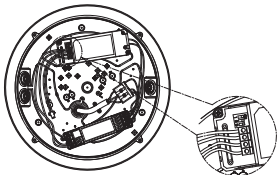
Mount the diffuser onto the base with screws.

⑥



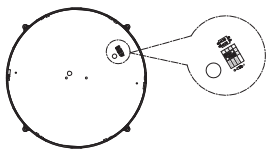
Install the plastic plugs to hide the screws.

Installation **1**



P _{in}	I _{in}	1	2	3
11W 400mA				
12W 450mA			ON	
14W 500mA	ON			
15W 550mA		ON		
16W 600mA		ON	ON	
17W 650mA	ON	ON		
18W 700mA	ON	ON	ON	

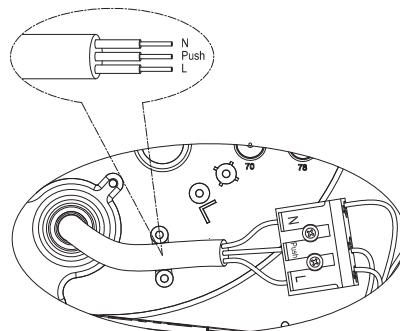
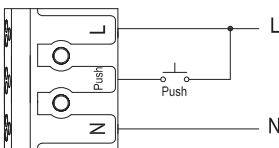
Wattage Setting



I	1	2
I	3000K	
II	3500K	
III	4000K	

CCT Setting

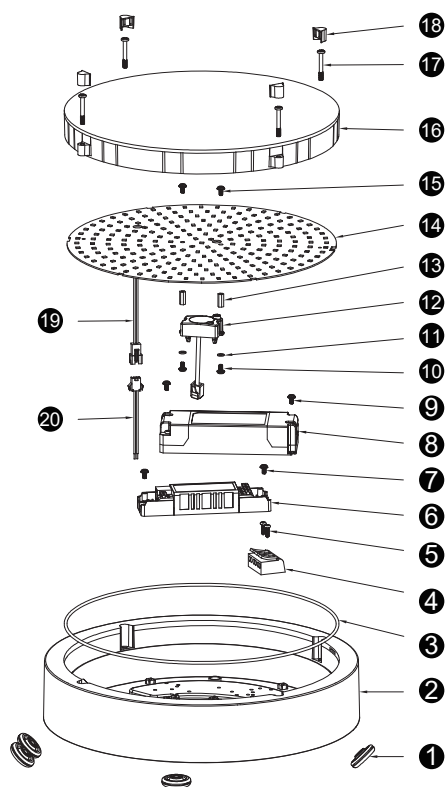
Wattage / CCT Setting **2**



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

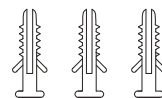


- | | |
|--|---|
| ① Waterproof rubber plug | ⑪ Flat washer |
| ② Base | ⑫ HF sensor |
| ③ Waterproof ring | ⑬ Hexagon copper cylinder |
| ④ Terminal block | ⑭ LED Board |
| ⑤ Screws for terminal block fixing | ⑮ Screws for hexagon copper cylinder fixing |
| ⑥ Bluetooth controller | ⑯ Diffuser |
| ⑦ Screws for Bluetooth controller fixing | ⑰ Vandal-proof screw |
| ⑧ Driver | ⑱ Plastic screw plug |
| ⑨ Screws for driver fixing | ⑲ DC cable male plug |
| ⑩ Screws for HF sensor fixing | ⑳ DC cable female plug |

5 Accessory



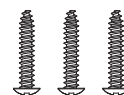
Cable Clip



φ6x25mm Rawl plug



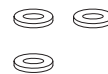
PB3x8mm Screws
(fix cable clip)



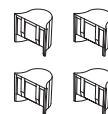
PA4x25mm Screws
(fix the fixture)



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:0.0880A P:18.400W PF:0.9370 Freq:50.00Hz Lamp Flux:2292.04x1 lm										
Name: Brida Sensor Master Slave CCT					Type:					
MFR.:					DIM.: $\varnothing$ 290*55 (mm)					
					SUR.: $\varnothing$ 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	22.8	21.6	23.2	23.6
3H	22.9	24.3	23.3	24.7	25.1	23.1	24.5	23.5	24.9	25.3
4H	23.6	24.9	24.0	25.3	25.8	23.8	25.2	24.3	25.6	26.0
6H	24.1	25.4	24.5	25.8	26.2	24.4	25.6	24.8	26.0	26.5
8H	24.3	25.5	24.7	25.9	26.4	24.6	25.8	25.0	26.2	26.7
12H	24.4	25.5	24.9	26.0	26.5	24.7	25.9	25.2	26.3	26.8
4H 2H	21.7	23.1	22.2	23.5	23.9	21.9	23.2	22.3	23.6	24.1
3H	23.8	24.9	24.2	25.4	25.8	24.0	25.1	24.4	25.6	26.0
4H	24.6	25.6	25.1	26.1	26.6	24.8	25.9	25.3	26.3	26.8
6H	25.2	26.1	25.7	26.6	27.1	25.5	26.4	26.0	26.9	27.4
8H	25.5	26.3	26.0	26.8	27.3	25.8	26.6	26.3	27.1	27.6
12H	25.6	26.4	26.1	26.9	27.4	26.0	26.7	26.5	27.3	27.8
8H 4H	24.9	25.8	25.4	26.3	26.8	25.2	26.0	25.7	26.5	27.0
6H	25.7	26.4	26.2	27.0	27.5	26.0	26.7	26.6	27.3	27.8
8H	26.0	26.7	26.6	27.2	27.7	26.4	27.0	26.9	27.5	28.1
12H	26.3	26.8	26.8	27.4	28.0	26.6	27.2	27.2	27.7	28.4
12H 4H	25.0	25.7	25.5	26.3	26.8	25.2	26.0	25.7	26.5	27.0
6H	25.8	26.4	26.4	26.9	27.5	26.1	26.7	26.7	27.2	27.8
8H	26.1	26.7	26.7	27.2	27.9	26.5	27.1	27.0	27.6	28.2
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 G0-2000A_V1 SYSTEM V2.00.443
Humidity:65.0%
Test Distance:8.000m [K=0.7063]
Remarks: