Brida Sensor Master/Slave CCT

Produkt information

Brida Sensor Master/Slave kan monteres på enten væg eller loft. Leveres i hvid med lampehus i UV bestandigt plast. Wattagen kan indstilles i lampen fra 10W til 18W og den kan lyse i enten 3000K, 3500K eller 4000K. Brida kan let serviceres og både driver og LED/PCB kan udskiftes. Kabelgennemgang i lampen på både bagside og i siderne - hvorfor synlig installation er en mulighed. Lampen er sikret med anti tyveri / anti hærværk skruehoved.

KOOLMESH 5.0 giver mulighed for trådløs kommunikation mellem lamperne og med "Staircase function" til opgange eller korridor funktion til eksempelvis en kældergang kan man med denne lampe opnå den maksimale energibesparelse.

5 YEAR WARRANTY

CE ROHS

IP65 IK10 220V 240V IEC EN60598 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	YES	
Number of LED driver	1 Unit	
Driver included	Yes	
L90 life time of LED module	50,000 hrs	
L80 life time of LED module	100,000 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	3 steps	
Diffuser type	PC	

Control and dimming	Bluetooth / KOOLMESH 5.0
Connection type	3 pole connector
Protection class lEC	Safety class ll
Glow-wire test	Temperature 650°C
UGR	>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	lK10
Remarks	
LED driver failure rate at 50,000hrs@25°C	5%
Power consumption tolerance	±5%

Specifications

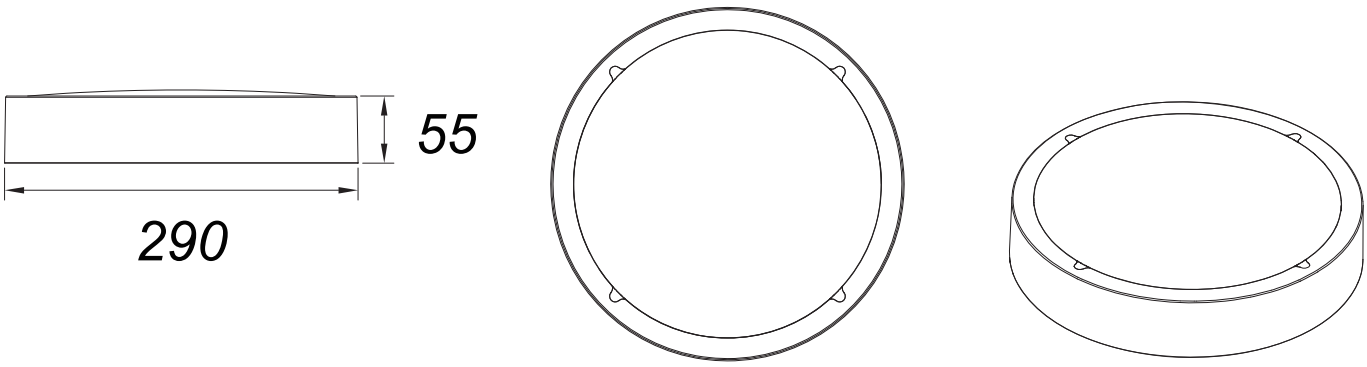
Varenummer	LED Module Wattage*	Length mm	Width mm	Height mm	CCT (Kelvin)*	Rated Flux (Lm) *	CRI (Ra)*	Beam angle*	Energy Class	Dimming technology
5702518290601 (Hvid)	18	290	290	55	3000K	2070	80	120°	D	YES
5702518290601 (Hvid)	18	290	290	55	3500K	2160	80	120°	D	YES
5702518290601 (Hvid)	18	290	290	55	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 relfect statistical figures and do not necessarily correspond to the actual parameters of each single product wihch could differfrom the typical value. A max 10% tolerance is deemed to be acceptable in any case.

Circuit Breaker

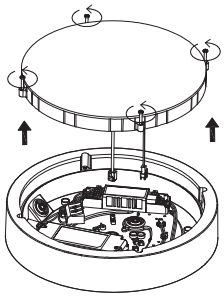
Circuit breaker model No. / Product name	B10	B13	B16	B20	C10	C13	C16	C20
Brida Sensor Master/Slave CCT	77	100	124	155	77	100	124	155

Dimension drawings



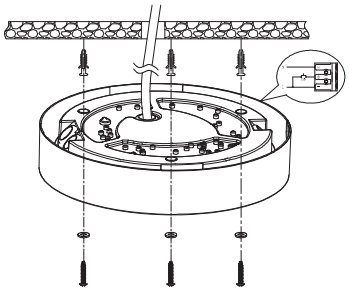
Installation manual

①



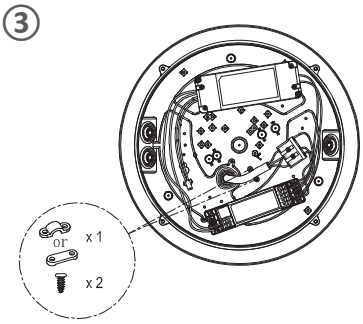
Unscrew the diffuser anticlockwise.
Vertically remove the diffuser and PCBA.

②



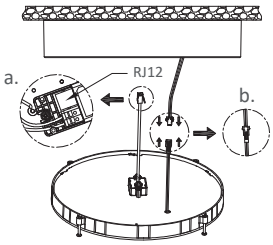
a. Cut off the power. Thread the input cable through the rubber plug to the fixture. Connect the L, PUSH, N wire referring to the wiring diagram.
b. Knock the rawl plugs into the pre-drilled holes on ceiling. Wear plastic washers on self-tapping screws and tighten them to fix the fixture on ceiling.

③



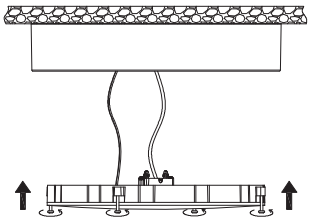
Install the cable clip.

④



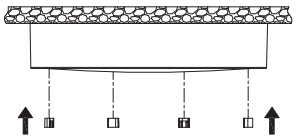
a. Connect RJ12 with Bluetooth driver.
b. Connect the DC cable.

⑤



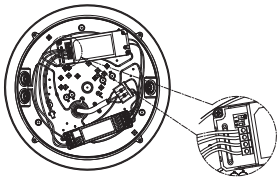
Mount the diffuser onto the base with screws.

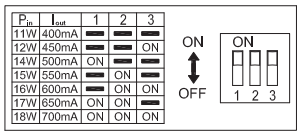
⑥



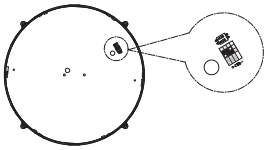
Install the plastic plugs to hide the screws.

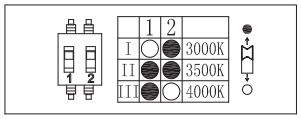
Installation 1





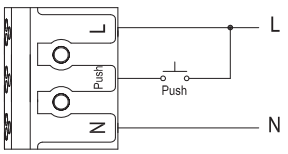
Wattage Setting

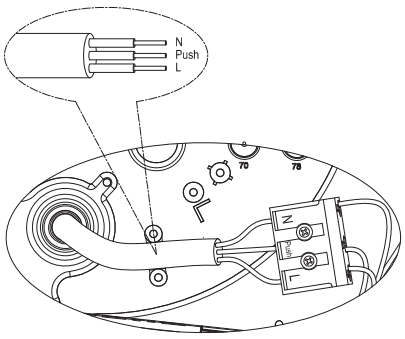




CCT Setting

Wattage / CCT Setting 2

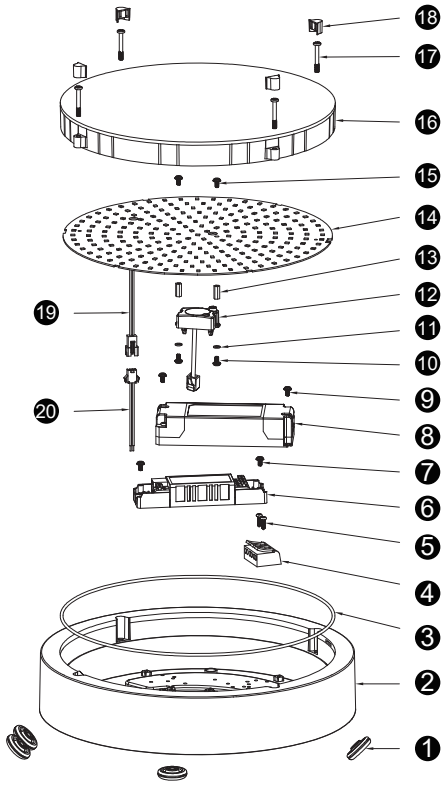




The min. diameter is ≥ 0.75mm^2
Dimension: ϕ8.5mm < Cable < ϕ11mm

Connecting Power Supply 3

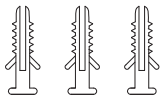
4 Explosion Drawing



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

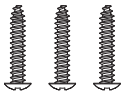
5 Accessory

Cable Clip



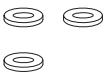
ϕ6x25mm Rawl plug

PB3x8mm Screws
(fix cable clip)

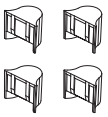


PA4x25mm Screws
(fix the fixture)

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.

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.: Φ290*55 (mm)	
	SUR.: Φ252 (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 GO-2000A_V1 SYSTEM V2.00.443
Humidity:65.0%
Test Distance:8.000m [K=0.7063]
Remarks: