











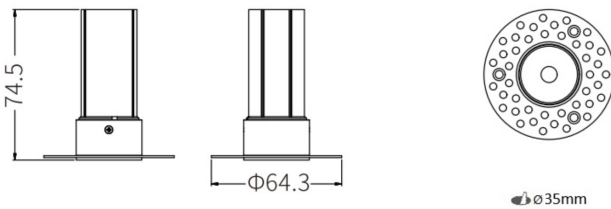
# INTERIOR LED RECESSED DOWN SPOTLIGHT

L06766



-  IP20
-  CLASS III
-  Europe Standard & CE Certificate. 220-240V 50/60Hz
-  Aluminium materials lighting fixture, powder coated.
-  Ceiling Recessed | Trimless
-  300-400mm cable with quick connector.
-  Famous brand COB LED CRI90 2SDCM
-  Flicker Free | Remote LED Driver version.
-  Recessed light source. Visual comfort
-  DALI ON/OFF | DALI | Triac | 0/1-10V dimming

## VISUAL COMFORT AND UNIFORM DISTRIBUTION | PINHOLE SPOTLIGHT



Code	System Power W	Output Lumen lm	Dimension mm	Cut Hole mm	Power Supply mA
L06766 -5	5W	350lm	Ø 65xH75mm	Ø 35mm	120mA

## FEATURES

The fixing spotlight is modular design. They comprise a LED light module and a metal mounting frame. Pinhole spotlight offer uniform distribution . Visual comfort low glare optic with recessed light source. output beams 24°. High Definition optical lenses in thermoplastic material, crossing lighting technology. Achieve a pleasing and clear | soft effect of the light spot. Specialized optical filters honeycomb can be ordered. 2SDCM to ensure color temperature consistency for the quality lighting. High level of cooling system to ensure the spotlight long lifetime. Excellent colour rendering with CRI90. Metal baffle is available in multiple color finishing, The basic model comes in Black | White | Pink | Gold colors. Customized color finishing, power changes are possible depending on the request and the quantity. The lock connection design between the installation kit and the spotlight module to ensure safety and easy installations. Meant that it's easy to take the spotlight module out from its frame (installation kit). Matched invisible transition between the fixture and the ceiling. Meanwhile, the spotlight matched DALI Dimming down to 0.1%. Easy lighting demand, for a wide scala of projects, from hotels, retail , commercial areas and much more. It is presented to its customers as a clean soft and non-dazzling product.

**Remote LED Driver**  
DALI EUP100-1HMC-0-120 ON/OFF  
5W 120mA






### Accessoires



### Beam Angle



### Color Temperature

-  2700K
-  3000K
-  4000K
-  5000K
-  6000K

### Finishes

-  Black
-  White
- Customized

### EUP10D-1HMC-0-120(Product No.: 3.04.001575)

#### Summary

EUP10D-1HMC-0-120 is a 10W AC/DC constant current mode output LED driver featuring the multiple levels selectable by DIP switch and complies with DALI standard protocol IEC 62386. EUP10D-1HMC-0-120 can be connected to DALI main controller or Touch DIM(Push DIM) to achieve a smooth dimming effect.

#### Product Feature

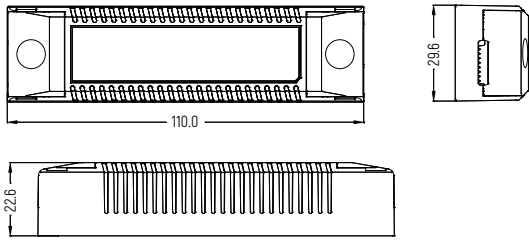
- Single channel output, output current level selectable by DIP S.W.
- Meet DALI Protocol IEC 62386-207
- Support Touch DIM (Push DIM)function
- High efficiency up to 82%
- Built-in active PFC function
- Dimming effect smooth, no flicker
- Protections: Short circuit, over load, no load
- Suitable for indoor LED lighting application, such as down light, spot light, and so on



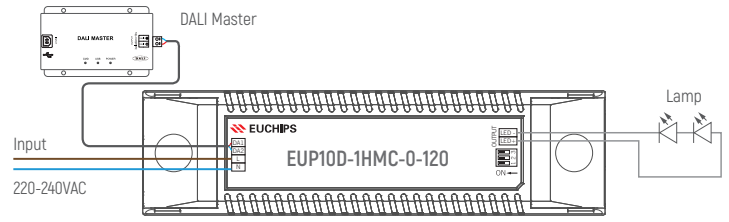
#### Technical Parameters

Model	EUP10D-1HMC-0-120																																					
Input	Efficiency	82%@230VAC, Full load																																				
	Voltage	200VAC-240VAC																																				
	Frequency	50/60Hz																																				
	Power Factor	0.95@230VAC, Full load																																				
	THD	<10%@230VAC, Full load																																				
	Current	0.06Amax@230VAC, Full load																																				
	Inrush Current	cold start,10A(twidth=10us measured at 50% Ipeak@230VACC																																				
Output	Current/voltage/power	120mA/9-45VDC/5.4W      150mA/9-45VDC/6.75W      170mA/9-45VDC/9.9W      200mA/9-45VDC/9W 220mA/9-45VDC/9.9W      250mA/9-40VDC/10W      270mA/9-37VDC/9.99W      300mA/9-33VDC/9.9W																																				
	Ripple Current	<3%																																				
	Channel	1																																				
	Current Tolerance	±5%																																				
	Standby Power	<0.5W																																				
	No Load Output Voltage	50VDC																																				
	Turn On Delay Time	<1s, at 230Vac																																				
<table border="1"> <thead> <tr> <th colspan="2"></th> <th>1</th> <th>2</th> <th>3</th> <th>4</th> <th>5</th> <th>6</th> <th>7</th> <th>8</th> <th>9</th> <th>10</th> </tr> </thead> <tbody> <tr> <td>ON</td> <td>OFF</td> <td>120mA</td> <td>150mA</td> <td>170mA</td> <td>220mA</td> <td>220mA</td> <td>250mA</td> <td>270mA</td> <td>300mA</td> <td colspan="2"></td> </tr> <tr> <td></td> <td></td> <td>9-45V</td> <td>9-45V</td> <td>9-45V</td> <td>9-45V</td> <td>9-45V</td> <td>9-40V</td> <td>9-37V</td> <td>9-33V</td> <td colspan="2"></td> </tr> </tbody> </table> <p>Remark: Function default setting is: 120mA (@switch are all OFF state)</p>					1	2	3	4	5	6	7	8	9	10	ON	OFF	120mA	150mA	170mA	220mA	220mA	250mA	270mA	300mA					9-45V	9-45V	9-45V	9-45V	9-45V	9-40V	9-37V	9-33V		
		1	2	3	4	5	6	7	8	9	10																											
ON	OFF	120mA	150mA	170mA	220mA	220mA	250mA	270mA	300mA																													
		9-45V	9-45V	9-45V	9-45V	9-45V	9-40V	9-37V	9-33V																													
Function	Dimming Mode	DALI / Touch DIM(Push DIM)																																				
	Dimming Range	1%-100%																																				
Protection	No Load	The LED Driver will not be damaged.																																				
	Short Circuit	No Output, recovers automatically after fault condition is removed																																				
	Over Load	Hiccup mode, recovers automatically after fault condition is removed																																				
Safety	Surge	L-N:500V																																				
	Withstand Voltage	I/P-O/P: 1500VAC																																				
	DALI Standrad	IEC 62386-101: 2014, IEC 62386-102: 2014; IEC 62386-207: 2009, DALI 1.0																																				
Others	Working Temp.	-20°C~50°C																																				
	Storage Temp.; Humidity	-40°C~85°C, 20-90%RH																																				
	tc	75°C																																				
	Material	PC																																				
	IP Rating	IP20																																				
	Lifetime	50,000h@tc:75°C																																				
	Warranty Condition	5 years																																				
	Switch Cycle	>100,000 times																																				
	Packing Size	515*235*140mm(L*W*H), 9.5Kg/Cartron/100PCS																																				
	Dimension	110*30*22.5mm(L*W*H)																																				
G.W	60g																																					

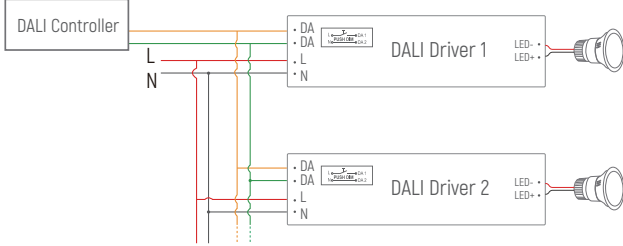
Dimension(mm)



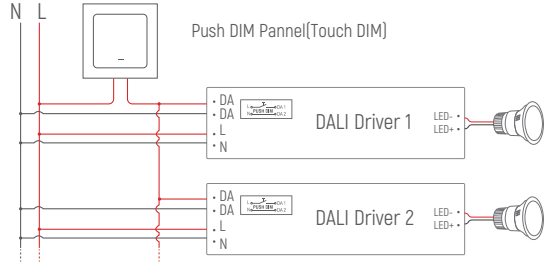
Wiring Diagram



DALI Wiring Diagram



Push DIM(Touch DIM) Diagram

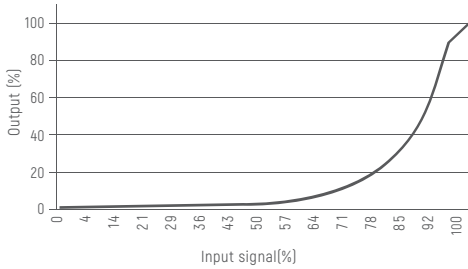


Remarks: use only open push switch (without indicator light). When using synchronous connection, the line length between each device and equipment shall not exceed 20 meters.

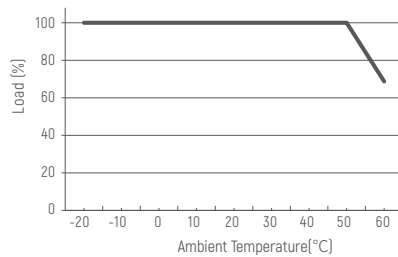
Push DIM Function

1. Press the Touch DIM switch for 8s or more, the driver can be controlled via Touch DIM switch.
2. Short press the Touch DIM switch (<0.5s) to control the lamp on or off.
3. Long press the Touch DIM switch (>0.5s) to dim the brightness of light. The dimming direction will change every time after pressing switch.
4. Double-click the Touch DIM switch (<0.3s), then all lamps connected on the device will be set maximum brightness.
5. The brightness adjustment range is 1%-100%, and the light can be turned off through short pressing when doing the adjustment with long pressing Touch DIM switch.
6. With the Power off memory function, the power-down state will be recovered when power on again.

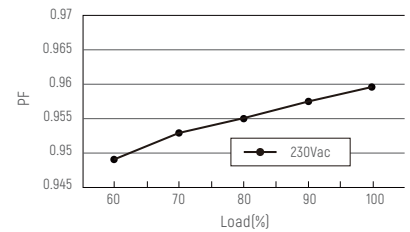
Dimming Curve



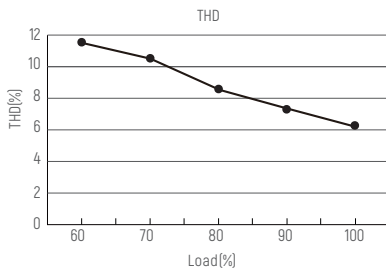
Derating Curve



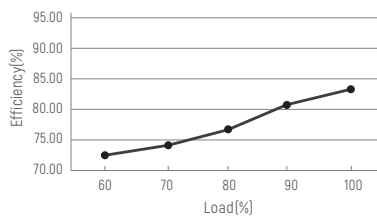
PF VS Load



THD VS load



Eff. VS Load



Cautions

1. This product should be installed by qualified personnel.
2. This product is non waterproof, need to avoid sun and rain. In case of outdoor use, please ensure it is mounted in a water proof enclosure.
3. Good heat dissipation conditions extend product life. Please install the product in a well-ventilated environment.
4. Please make sure LED power supply output voltage, current is used to meet the product requirements.
5. Please ensure that adequate sized cable is used from the controller to the LED lights to carry the current. Please also ensure that the cable is secured tightly in the connector.
6. Due to safety concerns, PVC or rubber cord of 0.75- 1.5mm<sup>2</sup> is recommended for input and output terminal(s) (excluding signal terminals). Flat power cord is not suitable. Ensure all wire connections and polarities are correct before applying power to avoid any damages to the LED lights.
7. In case of malfunction, do not repair it yourself.

※ The contents of this manual are updated without prior notice. If the function of the product you are using is inconsistent with the instructions, the function of the product shall prevail. Please contact us if you have any questions.