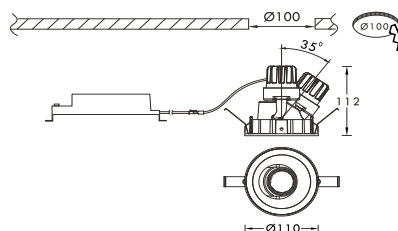


Specifications: Ø100 LED 500Lm  
 Model: COF100FA

COB GLARE-LESS Downlight -Adjustable EUR type  
 remark:

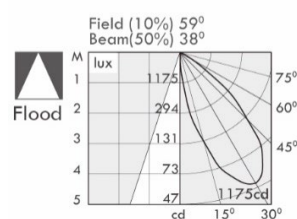
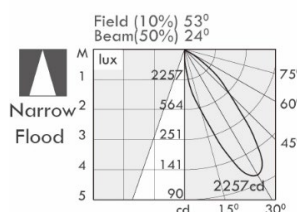
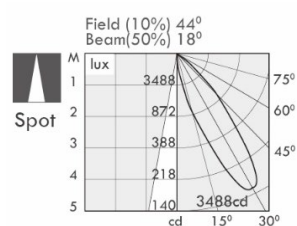
LED Lighting



● Specifications ●

Light Source :	Cree COB LED (CMA-1306)
CCT :	2700K / 3000K / 4000K / 5000K(Optional)
CRI :	> 90(Ra)
SDCM :	≤ 3(Step) (±150K)
LED Flux :	591 Lm (±3.5%)
Luminaire Flux :	500 Lm (Use 24° as standard)
Beam Angle :	18°(3488cd) 24°(2257cd) 38°(1175cd)
LED Power :	9.2W / 250mA
Consumption :	11.6W
In ambient temperature 25°C, only for use at ambient temperatures below 45°C.	
Input Voltage :	100-240V (50~60Hz)
Driver :	2-Stage, Active-PFC(<20W PF>0.9 , >20W PF>0.95 )
	THD<15%, Overload Protection
	Power conversion efficiency 80~90% (>European ErP standard)
	*Proportional to system watt.
Flicker :	Flicker Index ≤0.01, Percent Flicker ≤1% (CIETN006:2016)

● Light Distribution ●



● Safety ●

U G R :	< 16
Ingress Protection:	IP20
Heat sink :	Changeable Die-cast Module
Dimming interface :	DC 0~10V / DALI / PWM / Sub-G(wireless) / Triac (Optional)
Safety Certification :	CNS-14115 、 CNS-14335 、 CNS-15592 、 CE 、 CB

● Lifetime ●

Lumen maintenance L90 > 36K Hrs., L70 > 100 K Hrs.( L90/B10 36,000Hrs ).
In ambient temperature-20°C ~45°C (LED manufacturer specifications)
Driver lifetime > 50K Hrs.

● Description ●

- Die-cast aluminum heat sink with electro-deposition coating.
- High reflective fireproof PC light collection holder.
- High transmittance fireproof PC double optical lens.
- Steel ring with electro- deposition coating.
- Aluminum reflector with anodized polish finishing.
- Die-cast aluminum ring with high temperature liquid painting and stainless steel spring clip.
- Japanese standard quick plug terminal (applicable to solid conductor cable Ø1.6~2.0mm),
- Anti-pull and avoid bad connection.
- Modular and quick plug cable design design is easy to install and maintain.

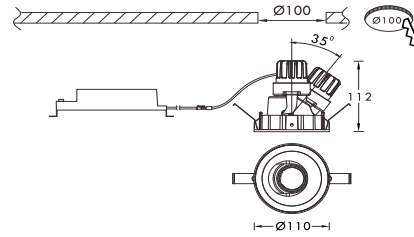
規格說明: Ø100 LED 500Lm

型號: COF100FA

鏡面投射型 - 可調嵌燈

備註:

LED Lighting



● 規格說明 ●

光源: Cree COB LED (CMA-1306)

色溫: 2700K / 3000K / 4000K / 5000K(選配)

演色性: > 90(Ra)

色容差: ≤3(Step) (±150K色溫)

LED光通量: 591 流明(Lm) (±3.5%)

燈具光通量: 500 流明(Lm) (以24°為標註)

光束角: 18°(3488cd) 24°(2257cd) 38°(1175cd)

LED驅動: 9.2W / 250mA

總耗瓦數: 11.6W

以上數據以環境溫度25°C計算·限用環境溫度45°C以下。

輸入電壓: 全電壓·100-240V (50~60Hz)

電子驅動器: 二級架構·隔離型·高功因(<20W PF>0.9, >20W PF>0.95)

總諧波失真(THD)<15%·防突波·防干擾(符合 IEC/EMC 標準)。

電源轉換效率 80~90% (>歐規ErP標準) \*依負載功率成正比

頻閃說明: 頻閃指數(Flicker Index) ≤0.01、頻閃百分比(Percent Flicker) ≤1%

(依據CIETN006:2016進行測試)

● 安規說明 ●

UGR: < 16

防護等級: IP20

散熱模式: 可替換式鋁合金壓鑄COB光源模組

調光模式: DC 0~10V / DALI / PWM / Sub-G(wireless) / Triac (可選配)

安規認證: CNS-14115、CNS-14335、CNS-15592、CE、CB

● 壽命說明 ●

環境溫度-20°C ~45°C·光束維持率L90(降至90%的光通量)>5萬小時·L70>15萬小時。

(光源依據美國能源之星LM80檢測標準)。

電子驅動器在環境溫度-20°C ~45°C推估可>5萬小時。

● 結構說明 ●

鋁鎂合金壓鑄成型散熱鱗片·黑色電著處理。

高反射率防火PC集光固定座。

高透光率防火PC可替換式菲涅爾透鏡。

鋼材成型內套·黑色電著處理。

高純度鋁反射鏡·表面陽極處理。

鋁壓鑄成型外框·高溫液體烤漆處理·不鏽鋼材固定彈片。

日規快插接線端台(適用單芯線 Ø1.6~2.0mm)·防拉扯與避免接觸不良。

模組化及快插結線·容易安裝換修。

● Light Distribution ●

