

PDD LED Lights Series

## MR-16 LED Light

*The Most bright LED-MR16 compared with 50W Halogen in the markets*



- PDD MR-16 LED light almost same dimensions with 50W halogen sizes, it can replaced existing MR-16 lights, but saves 80% energy consumption with same illumination and provides 40,000 hours of operation life. It is twenty times life of standard MR-16 lights.
- Environmental protection: No mercury, compliant to ROHS & REACH less pollution and CO2 to the earth.
- Benefits: Keeping the lightest weight and lowest temperature in the market by PDD unique thermal technology.
- Best lighting quality: Almost the same dimensions compared with the traditional lights but more brightness, no glare, UV and the flash frequency, CRI>75, provide very comfortable vision and vivid color.
- Low cost: PDD provide flexible design, it will improve energy efficiency, reduce manufacturing and maintenance costs, easy to install, directly replace the original lights.
- 與傳統50W鹵素燈具有相同的尺寸,可直接替換取代,但節省80%的能源消耗,且具有40,000小時的超長壽命,是一般鹵素燈的20倍以上
- 環保: 符合RoHS/REACH法規,不含汞,低汙染和CO2排放
- 效益: PDD 擁有獨家散熱技術,是市面上同類產品中重量最輕,溫度最低,光衰最慢
- 最佳照明品質: 與傳統燈源有相同的尺寸但更高亮度,且不眩光,無紫外輻射及閃頻,高顯色指數大於75,光線分佈均勻,提供最舒適的照明
- 低成本: PDD 提供專業設計,足以提高能源效率,減少製造及維護成本,安裝容易可直接替換原有照明設備



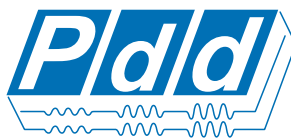
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規格	Specification	
編號	Model Number	MR1605GU5.3
外觀	Outlook	
接頭	Connector	GU5.3
材質	Material	Aluminum
照度減至	Intensity degradation 90%@25°C	10,000 hrs
照度減至	Intensity degradation 75%@25°C	40,000 hrs
工作溫度	Operation temperature	-20~65°C
溼度	Humidity	60%
光學	Photometric Characteristics	
光通量	Luminous flux	225 lm
照度	Illumination (1m)	1200~1400 lux
發光效率	Luminous efficiency	45 lm/W
色溫	Correlated colour temperature	2700~3200K (warm white) 5500~6500K (cool white)
可視角度	Viewing angle	35°
顯色指數	Color rendering index (CRI)	>75
電源	Power	
輸入電壓	Input voltage	110VAC/50~60Hz (12V)
功率消耗	Power consumption	5W±5%
電源效率	Power efficiency	0.80
其他	Others	
尺寸	Dimension (DxH) mm	48.3x50.0
重量	Weight (gs)	65
保固	Warranty	2 years



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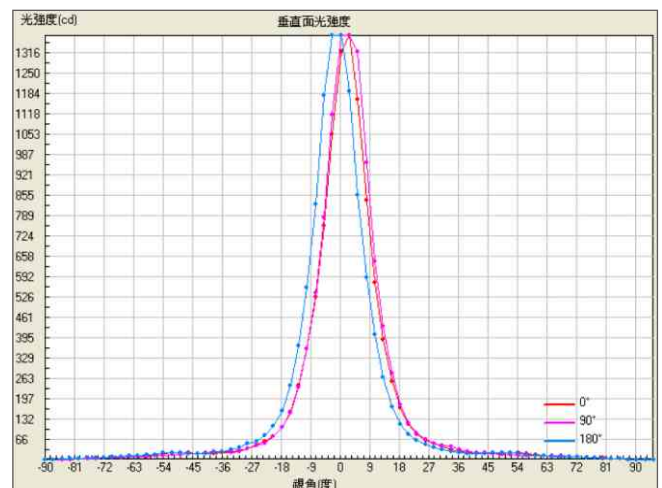
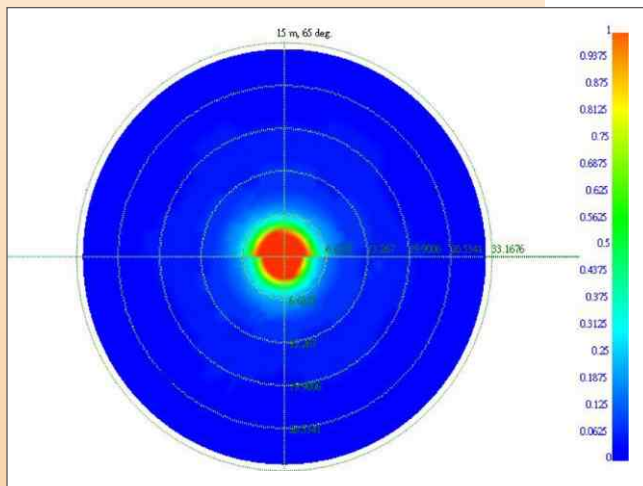
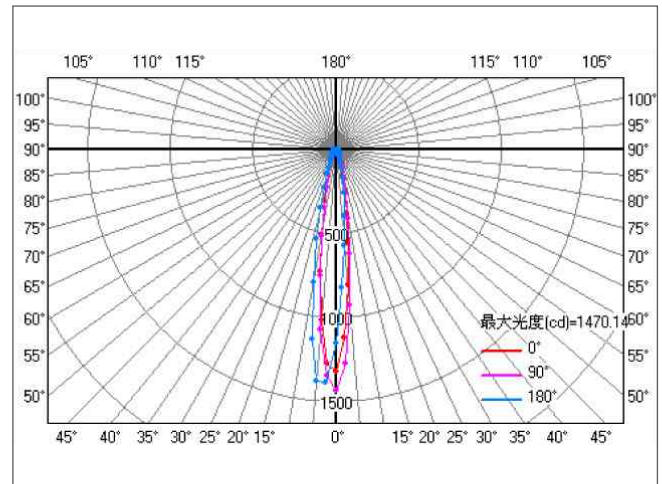
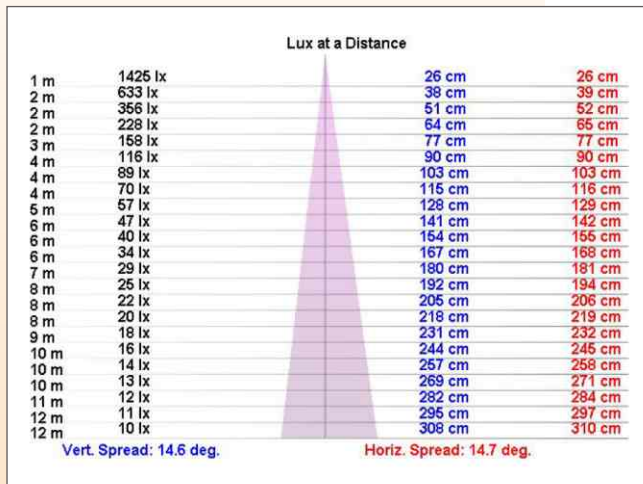
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