



LED軟燈條

LED軟燈條是凹槽照明和輪廓照明的理想選擇，它可以以曲線的形式靈活固定在物體表面，可以提升照明的整體設計。

FLEXI TYPE

FLEXI TYPE is ideal for cove lighting and edge lighting, its flexibility allows it to curve around surfaces, helping to enhance the overall lighting design.

應用

凹槽照明
輪廓照明

Applications

Cove lighting
Contour lighting

特點

1. 可任意彎曲
2. 使用壽命長
3. 裁切方便

Features

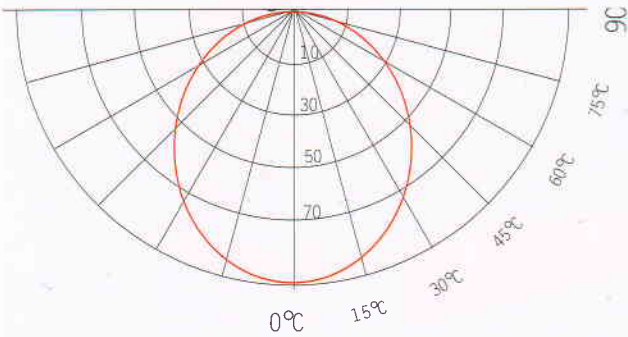
1. Simple wire up
2. Long life span
3. Flexibility with cut marks

優點

1. 使用、安裝方便
2. 可降低維修成本
3. 可用于彎曲的表面結構

Benefits

1. Easy to use and simple installation
2. Reduce maintenance costs compared with lighting fixtures
3. Can be used in bends or around curved surfaces



光分布曲線
Light Distribution Curve

其他產品系列 Other series



LED招牌字
LED Sign



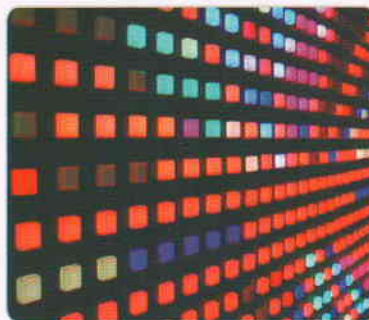
LED泳池燈
LED Swimming Pool Light



LED洗牆燈
LED Wallwasher Light



LED彩燈管
LED Color Tube



LED背景牆
LED Background Wall Light



LED裝飾燈
LED Designed Enclosure



LED廣告燈箱背光板

特點

- 1. 比傳統燈箱省電75%以上
- 2. 厚度約為傳統燈箱的50%
- 3. 使用壽命長，超過35000小時
- 4. 更高的光亮度、更好的光均勻度
- 5. 零維護，大大降低廣告投入成本

應用

大型廣告燈箱背光、招牌背光、公告燈箱背光

LED Backlighting Board

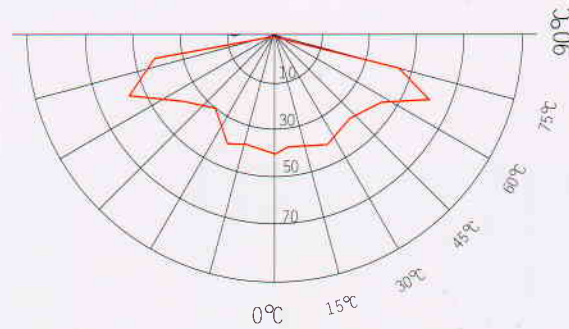
Features

- 1. Save 75% energy compare to traditional backlighting.
- 2. Half thickness of the traditional backlighting
- 3. Long lifetime, about 35000 hours
- 4. High luminance, high uniformity
- 5. No maintenance, maximize advertising revenue

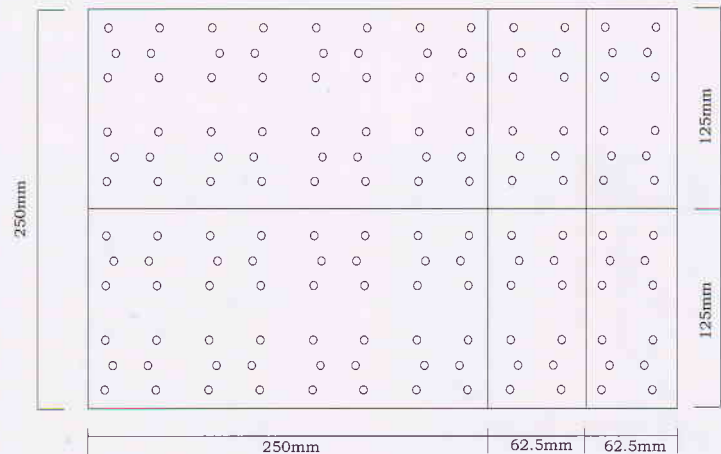
Applications

Large poster light box backlight, sign, advertising panel

型號	顏色	色溫 (k)	亮度	功耗	CRI (Ra)	視角
TLDBL15NW30A1	自然白/暖白	6000/4500	1800cd/ m ²	6.5W/片	80	170°
TLDBL15NW30A2						



光分布曲線
Light Distribution Curve



結構圖
Drawing



戶外雙色/單色顯示屏參數 Outdoor Dual/Mono Color LED Display

項目分類 Items		TLD10D/S3A01	TLD12D/S3A01	TLD14D/S3A01	TLD16D/S3A01	TLD20D/S3A01	TLD25D/S3A01	TLD31D/S3A01	
		PH 10	PH 12	PH 14	PH 16	PH 20	PH 25	PH 31, 25	
像素管單元箱 Cabinets	物理點間距 Pitch	10mm	12mm	14mm	16mm	20mm	25mm	31.25mm	
	箱體尺寸 Cabinets Size	640*640mm	768*576mm	896*672mm	1024*768mm	1280*960mm	1200*1200mm	1000*1000mm	
	像素 Cabinets	64*64 px	64*48 px	64*48 px	64*48 px	64*48 px	48*48 px	32*32 px	
	物理密度 Density	10000 dots/m ²	6944 dots/m ²	5102 dots/m ²	3906 dots/m ²	2500 dots/m ²	1600 dots/m ²	1024 dots/m ²	
	像素組成 Pixel	1R1PG/1R	1R1PG/1R	2R1PG/2R	2R1PG/2R	2R1PG/2R	2R1PG/2R	4R2PG/4R	
主要技術參數 Main Specifications	視角 View angle	110°/70°							
	最大功耗 Max Consumption	D	≤820W/m ²	≤720W/m ²	≤770W/m ²	≤670W/m ²	≤450W/m ²	≤350W/m ²	≤350W/m ²
		S	≤420W/m ²	≤380W/m ²	≤400W/m ²	≤350W/m ²	≤240W/m ²	≤180W/m ²	≤180W/m ²
	驅動方式 Scan mode	1/4 Scan			靜態恒流 Static constant current drive				
	白平衡亮度 Luminance of the white balance	≥6000cd/m ²	≥6000cd/m ²	≥6000cd/m ²	≥6000cd/m ²	≥5000cd/m ²	≥5000cd/m ²	≥5000cd/m ²	≥5000cd/m ²
	平均無故障時間 MTBF	>10000Hours							
	壽命 Life duration	>100000Hours							

戶內雙色/單色顯示屏參數 Indoor Dual/Mono Color LED Display

項目分類 Items		TLD4D/S1A01	TLD4.75D/S1A01	TLD7.62D/S1A01	
		3mm	3.7mm	5mm	
像素管單元箱 Cabinets	物理點間距 Pitch	PH 4	PH 4.75	PH 7.62	
	模組排列 Resolution	32*64 px			
	像素 Cabinets	128*256mm	152*304mm	244*488mm	
	物理密度 Density	62500 dots/m ²	44300 dots/m ²	17200 dots/m ²	
	像素組成 Pixel	1R1YG/1R/1YG/1W/1Y ETC			
主要技術參數 Main Specifications	視角 View angle	160°			
	最大功耗 Max Consumption	D	≤1400W/m ²	≤1000W/m ²	≤400W/m ²
		S	≤700W/m ²	≤500W/m ²	≤200W/m ²
	驅動方式 Scan mode	1/16 Scan		1/8 Scan or 1/16 Scan	
	白平衡亮度 Luminance of the white balance	≥200cd/m ²			
	平均無故障時間 MTBF	>10000Hours			
	壽命 Life duration	>100000Hours			



戶外全彩顯示屏參數 Outdoor Full Color LED Display

項目分類 Items		TLD10F3A01	TLD12F3A01	TLD14F3A01	TLD14F3A02	TLD16F3A01	TLD16F3A02	TLD20F3A01	TLD20F3A02	TLD25F3A01	TLD31F3A01	
		PH 10	PH 12	PH 14	PH 14 (Virtual)	PH 16	PH 16 (Virtual)	PH 20	PH 20 (Virtual)	PH 25	PH 31.25	
像素管單元箱 Cabinets	物理點間距 Pitch	10mm	12mm	14mm		16mm		20mm		25mm	31.25mm	
	箱體尺寸 Cabinets Size	640*640mm	768*576mm	896*672mm		1024*768mm		1280*960mm		1200*1200mm	1000*1000mm	
	像素 Cabinets	64*64px	64*48px	64*48px		64*48px		64*48px		48*48px	32*32px	
	物理密度 Density	10000 dots/m ²	6944 dots/m ²	5102 dots/m ²	5102*4 dots/m ²	3906 dots/m ²	3906*4 dots/m ²	2500 dots/m ²	2500*4 dots/m ²	1600 dots/m ²	1024 dots/m ²	
	像素組成 Pixel	1R1PG1B	2R1PG1B	1R1G1B	2R1PG1B	1R1G1B	2R1PG1B	1R1G1B	2R1PG1B	2R1PG1B	4R2PG2B	
主要技術參數 Main Specifications	視角 View angle	110°/50°										
	最大功耗 Max Consumption	≤1200W/m ²	≤1050W/m ²	≤1100W/m ²	≤1500W/m ²	≤960W/m ²	≤1280W/m ²	≤640W/m ²	≤850W/m ²	≤500W/m ²	≤500W/m ²	
	驅動方式 Scan mode	1/4 Scan	1/2 Scan	靜態恒流 Static constant current drive								
	白平衡亮度 Luminance of the white balance	≥8000cd/m ²	≥8000cd/m ²	≥8000cd/m ²	≥8000cd/m ²	≥8000cd/m ²	≥8000cd/m ²	≥8000cd/m ²	≥5500cd/m ²	≥5000cd/m ²	≥5000cd/m ²	≥5000cd/m ²
	平均無故障時間 MTBF	>10000Hours										
	壽命 Life duration	>100000Hours										

戶內全彩顯示屏參數 Indoor Full Color LED Display

項目分類 Items		TLD6F1A01	TLD7.62F1A01	TLD8F1A01	TLD8F1A02	TLD10F1A01	TLD10F1A02
		PH 6 (SMD)	PH 7.62 (SMD)	PH 8 (SMD)	PH 8 (3in1)	PH 10 (SMD)	PH 10 (3in1)
像素管單元箱 Cabinets	物理點間距 Pitch	6mm	7.62mm	8mm		10mm	
	箱體尺寸 Cabinets Size	16*32px	16*32px	16*32px		16*32px	
	像素 Cabinets	96*192mm	122*244mm	128*256mm		160*320mm	
	物理密度 Density	27780 dots/m ²	17200 dots/m ²	15625 dots/m ²		10000 dots/m ²	
	像素組成 Pixel	1R1PG1B					
主要技術參數 Main Specifications	視角 View angle	140°					
	最大功耗 Max Consumption	≤1200W/m ²	≤1000W/m ²	≤900W/m ²		≤600W/m ²	
	驅動方式 Scan mode	1/8 Scan	1/4 Scan or 1/8 Scan				
	白平衡亮度 Luminance of the white balance	≥1200cd/m ²					
	平均無故障時間 MTBF	>10000Hours					
	壽命 Life duration	>100000Hours					



產品代碼 reference	燈管材質 tube material	LED數量 LED quantity	功率 power consumption	光效 light efficiency	尺寸 size	替換傳統日管 Replacement
TLD-LT10XX600-114B01	PC	144	8W	75LM/W	608mm/588mm	18-20W
TLD-LT10XX1200-216B01	PC	216	13W	75LM/W	1214mm/1196mm	20-36W
TLD-LT10XX1200-288B01	PC	288	17W	75LM/W	1214mm/1196mm	36-50W
TLD-LT10XX1500-300B01	PC	300	22W	75LM/W	1514mm/1496mm	50-60W
TLD-LT10XX1500-432B01	PC	432	28W	75LM/W	1514mm/1496mm	60-70W



T10LED日光管系列

產品特點

1. 戶內使用,直接替換傳統的熒光燈管。
2. 寬電壓輸入, 恒流,(85~265V)。
3. 功率因素 > 0.9 (220V AC)。
4. 與傳統熒光燈相比, 節能75%。
5. 無需維護, 色彩飽和, 無閃爍, 無紫外線, 有益視力, 環保。
6. 良好的散熱設計。
7. 符合CE和RoHS標準。
8. 使用壽命長(~50000 小時)。

Features

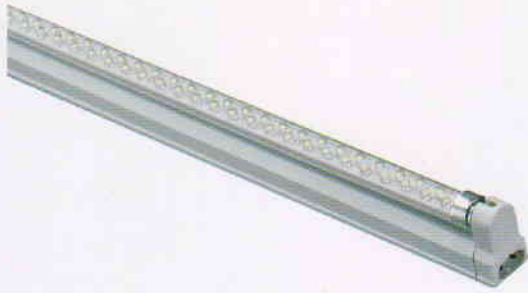
1. Indoor use only, Direct replacement for traditional fluorescents.
2. Wide voltage and constant current, (85~265V)
3. Power factor > 0.9 for 220V AC
4. Save 75% energy comparing with fluorescent light.
5. Minimal maintenance cost and pure, saturated colors, no flickering, no UV, good for eyes, environment friendly.
6. Good thermal dissipation design
7. Accordance with CE testing standards and ROHS compliance
8. Long operation life (~50000 hours)

應用

- 住宅/ 商用大廈
- 工廠 & 辦公室
- 超市
- 各類學校 & 大學
- 醫院 / 賓館

Applications

- Residential / Corporate Buildings
- Factories & Offices
- Superstore
- Schools & Universities
- Hospitals / Hotels



T5LED日光管系列

應用

- 住宅/ 商用大廈
- 工廠 & 辦公室
- 超市
- 各類學校 & 大學
- 醫院 / 賓館

Applications

- Residential / Corporate Buildings
- Factories & Offices
- Superstore
- Schools & Universities
- Hospitals /Hotels

產品特點

1. 戶內使用,直接替換傳統的熒光燈管。
2. 寬電壓輸入, 恒流,(85~265V)。
3. 功率因素 > 0.9 (220V Ac)。
4. 與傳統的熒光燈相比, 節能75%。
5. 無需維護, 色彩飽和, 無閃爍, 無紫外線, 有益視力, 環保。
6. 良好的散熱設計。
7. 符合CE和RoHS標準。
8. 使用壽命長(~50000 小時)。

Features

1. Indoor use only, Direct replacement for traditional fluorescents.
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6. Good thermal dissipation design
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8. Long operation life (~50000 hours)

產品代碼 reference	燈管材質 tube material	LED數量 LED quantity	功率 power consumption	光效 light efficiency	尺寸 size	替換傳統日管 Replacement
TLD-LT5XX600-988011	PC	98	6W	76LM/W	549mm/563.2mm	14W
TLD-LT5XX1200-200B011	PC	200	12W	76LM/W	1149mm/1163.2mm	28W
TLD-LT5XX1500-264B011	PC	264	16W	76LM/W	1449mm/1463.2mm	35W





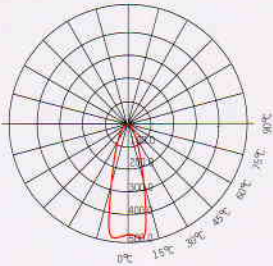
MR16-4W

應用
軌道燈
博物館照明
走廊、電梯照明
酒店、酒吧、俱樂部、咖啡廳照明
酒店、櫥櫃照明

Applications
Track lighting
Museum display lighting
Lobbies, elevator lighting
Restaurant, bars, pubs, cafe lighting
Shops, showcases



光分布曲線
Light Distribution Curve



照度圖
Lux Diagram

0.5m	Φ0.27m	2410 lx
1.0m	Φ0.54m	680 lx
1.5m	Φ0.80m	310 lx
2.0m	Φ1.10m	180 lx
2.5m	Φ1.34m	110 lx

特點

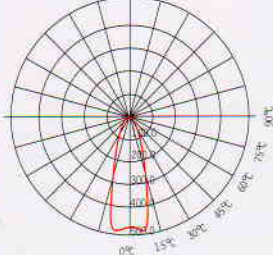
1. 超高光效
2. 高亮度
3. 與傳統MR16燈尺寸一樣
4. 卓越的散熱系統

Features

1. Ultra High Power Efficacy
2. High Intensity
3. Perfect Size As Traditional MR16
4. Excellent heat sink

暖白(warm white)

光分布曲線
Light Distribution Curve



照度圖
Lux Diagram

0.5m	Φ0.31m	1750 lx
1.0m	Φ0.63m	480 lx
1.5m	Φ0.95m	210 lx
2.0m	Φ1.26m	120 lx
2.5m	Φ1.58m	10 lx

優點

1. 高效節能，投資回報期短
2. 完全可以替換市面上的鹵素燈
3. 可直接替換傳統燈具
4. 卓越的散熱設計，可靠性高

Benefits

1. Increase energy saving and shorten payback period
2. Ready to replace existing halogen lamps in the market
3. Perfect fit to existing luminaire available in the market. Direct replacement possible
4. Excellent thermal management that enhance reliability

自然白(Daylight)



MR16-3W

應用
軌道燈
博物館照明
走廊、電梯照明
酒店、酒吧、俱樂部、咖啡廳照明
酒店、櫥櫃照明

Applications
Track lighting
Museum display lighting
Lobbies, elevator lighting
Restaurant, bars, pubs, cafe lighting
Shops, showcases

特點

1. 超高光效
2. 高亮度
3. 與傳統MR16燈尺寸一樣
4. 卓越的散熱系統

Features

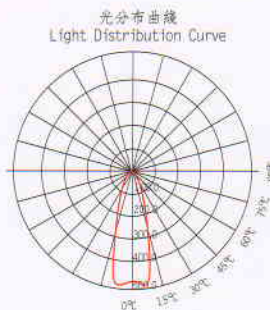
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優點

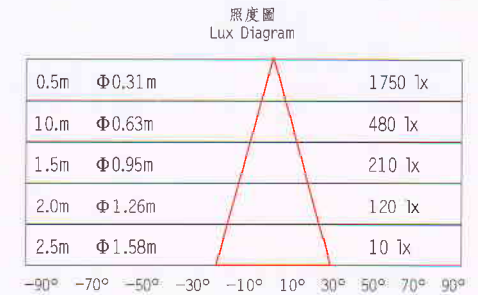
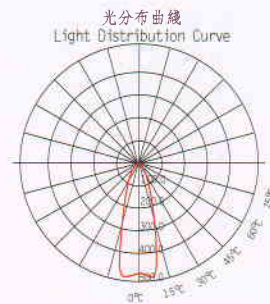
1. 高效節能，投資回報期短
2. 完全可以替換市面上的滷素燈
3. 可直接替換傳統燈具
4. 卓越的散熱設計，可靠性高

Benefits

1. Increase energy saving and shorten payback period
2. Ready to replace existing halogen lamps in the market
3. Perfect fit to existing luminaire available in the market.
Direct replacement possible
4. Excellent thermal management that enhance reliability

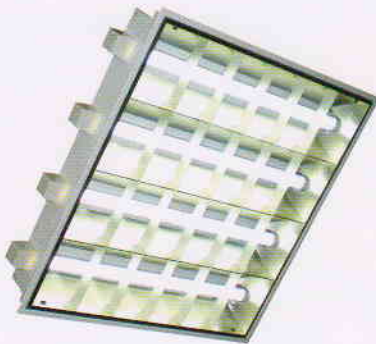


暖白(warm white)



自然白(Daylight)





- 外觀尺寸: 595mm*595mm*95mm
- 發光區域: 552mm*552mm
- 色溫: 4218K
- 視角: 104deg
- 功率: 48.7W
- 功率因素: 0.95
- 光通量: 2902Lm
- 光效: 60Lm/W
- 顯色指數: 72

- exter dimensions:595mm*595mm*95mm
- luminous area:552mm*552mm
- color temperature:4218k
- beam angle:104deg
- power p:48.7W
- power factor:0.95
- luminous flux:2902Lm
- luminous efficacy:60Lm/w
- CRI_Ra:72

m	Ø 50% :		C0-180:104° C90-270:98°	E(lux)	Luminaire Efficacy 60 (lumens per watt)
	C0-180	C90-270			
0.25	0.64	0.58		16751	Half-peak diam C0-180
0.5	1.28	1.16		4188	2.55 X diameter(m)
1	2.55	2.32		1047	Half-peak diam C90-270
1.5	3.83	3.47		465	2.32 X diameter(m)
3	7.66	6.95		116	illuminance
4	10.22	9.26	65	1047 /distance^2(lux)	
5	12.77	11.58	42	Total Output	
				2902 (lumens)	



- 外觀尺寸: 1195mm*295mm*97mm
- 發光區域: 1150mm*250mm
- 色溫: 4217K
- 視角: 101deg
- 功率: 49.1W
- 功率因素: 0.95
- 光通量: 3140Lm
- 光效: 64Lm/W
- 顯色指數: 72

- exter dimensions:1195mm*295mm*97mm
- luminous area:1150mm*250mm
- color temperature:4217k
- beam angle:101deg
- power p:49.1W
- power factor:0.95
- luminous flux:3140Lm
- luminous efficacy:64Lm/w
- CRI_Ra:72

m	Ø 50%		C0-180:101° C90-270:100°	E(lux)	Luminaire Efficacy 64 (lumens per watt)
	C0-180	C90-270			
0.25	0.61	0.59		17548	Half-peak diam C0-180
0.5	1.22	1.18		4387	2.43 X diameter(m)
1	2.43	2.37		1097	Half-peak diam C90-270
1.5	3.65	3.55		487	2.37 X diameter(m)
3	7.30	7.10		122	illuminance
4	9.73	9.47	69	1097 /distance^2(lux)	
5	12.16	11.83	44	Total Output	
				3140 (lumens)	



LED三防管系列

TLD-TP1210NW25W-B01

- 外觀尺寸: 1265mm*98mm*100mm
- 發光區域: 1235mm*78mm*45mm
- 色溫: 5000K
- 視角: 123deg
- 功率: 25W
- 功率因素: 0.93
- 光通量: 1819Lm
- 光效: 67Lm/W
- 顯色指數: 60

- exter dimensions:1265mm*98mm*100mm
- luminous area:1235mm*78mm*45mm
- color temperature:5000k
- beam angle:123deg
- power p:25W
- power factor:0.93
- luminous flux:1819Lm
- luminous efficacy:67Lm/w
- CRI_Ra:60

TLD-TP1215NW50W-B01

- 外觀尺寸: 1265mm*155mm*100mm
- 發光區域: 1235mm*135mm*45mm
- 色溫: 5400K
- 視角: 125deg
- 功率: 50W
- 功率因素: 0.93
- 光通量: 3810Lm
- 光效: 67Lm/W
- 顯色指數: 61

- exter dimensions:1265mm*155mm*100mm
- luminous area:1235mm*135mm*45mm
- color temperature:5400k
- beam angle:125deg
- power p:50W
- power factor:0.93
- luminous flux:3810Lm
- luminous efficacy:67Lm/w
- CRI_Ra:61

TLD-TP1510NW35W-B01

- 外觀尺寸: 1560mm*95mm*95mm
- 發光區域: 1550mm*85mm*45mm
- 色溫: 5373K
- 視角: 129deg
- 功率: 32.1W
- 功率因素: 0.93
- 光通量: 2339Lm
- 光效: 73Lm/W
- 顯色指數: 60

- exter dimensions:1560mm*95mm*95mm
- luminous area:1550mm*85mm*45mm
- color temperature:5373k
- beam angle:129deg
- power p:32.4W
- power factor:0.93
- luminous flux:2339Lm
- luminous efficacy:73Lm/w
- CRI_Ra:60

TLD-TP1515NW65W-B01

- 外觀尺寸: 1560mm*165mm*95mm
- 發光區域: 1550mm*145mm*45mm
- 色溫: 5697K
- 視角: 125deg
- 功率: 65W
- 功率因素: 0.93
- 光通量: 4888Lm
- 光效: 79Lm/W
- 顯色指數: 61

- exter dimensions:1560mm*165mm*95mm
- luminous area:1550mm*145mm*45mm
- color temperature:5697k
- beam angle:125deg
- power p:65W
- power factor:0.93
- luminous flux:4888Lm
- luminous efficacy:79Lm/w
- CRI_Ra:61