

PDD LED Lights Series

120cm Deluxe LED T8 Tube

The green light of the environment



- PDD LED T8 tube almost the same brightness and dimensions compared with T8 fluorescent tube, it can be replaced existing T8 fluorescent tube. But it saves 50% energy consumption with same illumination and provides 40,000 hours of operation life. It is five time life of standard fluorescent tube.
- 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.
- PDD LED 日光燈與傳統的T8日光燈具有相同的尺寸及亮度可完全取代現有的日光燈，但節省50%的能源消耗，且具有 40,000小時的超長壽命，是一般日光燈的5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



PDD LED Lights Series

120cm Deluxe LED T8 Tube

The green light of the environment



規格	Specification	
編號	Parts Number	T8120C
外觀	Outlook	
燈泡種類	Lamp type	Linear tube
燈泡	Bulb	T8
接頭	Base	Medium Bi-Pin (G13)
燈管材質	Material	PPMA
照度衰減	Intensity degradation 90%@25°C	10,000 hrs
照度衰減	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	1400~1500 lm
照度(1米)	Illumination (1m)	430 lux
發光效率	Luminous efficiency	63~68 lm/W
色溫	Correlated color temperature	5500~6500K
顯色指數	Color rendering index (CRI)	>75
視角	Viewing angle	270°
電源	Power	
輸入電壓	Input voltage	90~264VAC / 50~60Hz
功率消耗	Power consumption	22W±5%
電源效率	Power efficiency	0.88
絕緣	Insulation	600V
其他	Others	
總長度	Overall length (mm)	1213.6
燈管長度(不含針腳)	Tube length (without pin) (mm)	1198
管徑	Tube diameter (mm)	27.5
針腳距離	Tube pin distance (mm)	7.8
針腳直徑	Tube pin diameter (mm)	2.3
淨重	Net weight (gs)	450
保固	Warranty	LED: 40,000 hrs



Power Digital DELight Co., Ltd.

5F, No. 51, Sec. 4, Zhongyang Rd., Tucheng Dist.,
New Taipei City 236, Taiwan, R.O.C.
TEL : +886-2-2269-6818
FAX : +886-2-2269-1055
http : //www.pd3.com.tw

崇光照明股份有限公司

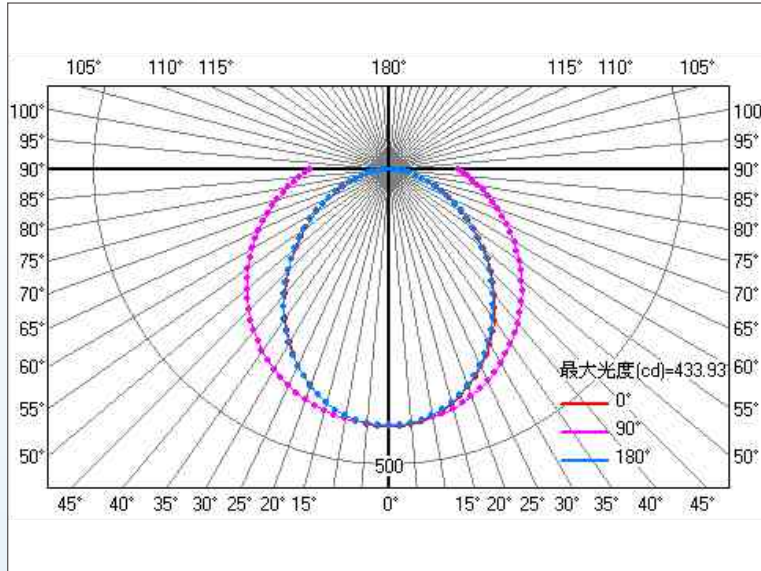
新北市土城區中央路4段51號5樓
電話 : +886-2-2269-6818
傳真 : +886-2-2269-1055
網址 http : //www.pd3.com.tw



PDD LED Lights Series

120cm Deluxe LED T8 Tube

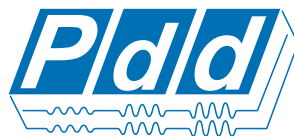
The green light of the environment



Lux at a Distance

1 m	430 lx	503 cm	225 cm
1.5 m	191 lx	755 cm	338 cm
2 m	108 lx	1006 cm	450 cm
2.5 m	69 lx	1258 cm	563 cm
3 m	48 lx	1510 cm	675 cm
3.5 m	35 lx	1761 cm	788 cm
4 m	27 lx	2013 cm	901 cm
4.5 m	21 lx	2265 cm	1013 cm
5 m	17 lx	2516 cm	1126 cm
5.5 m	14 lx	2768 cm	1238 cm
6 m	12 lx	3019 cm	1351 cm
6.5 m	10 lx	3271 cm	1464 cm
7 m	9 lx	3523 cm	1576 cm
7.5 m	8 lx	3774 cm	1689 cm
8 m	7 lx	4026 cm	1801 cm
8.5 m	6 lx	4277 cm	1914 cm
9 m	5 lx	4529 cm	2026 cm
9.5 m	5 lx	4781 cm	2139 cm
10 m	4 lx	5032 cm	2252 cm
10.5 m	4 lx	5284 cm	2364 cm
11 m	4 lx	5536 cm	2477 cm
11.5 m	3 lx	5787 cm	2589 cm
12 m	3 lx	6039 cm	2702 cm

Vert. Spread: 136.2 deg. Horiz. Spread: 96.8 deg.



Power Digital DELight Co., Ltd.

5F, No. 51, Sec. 4, Zhongyang Rd., Tucheng Dist.,
New Taipei City 236, Taiwan, R.O.C.
TEL : +886-2-2269-6818
FAX : +886-2-2269-1055
http : //www.pd3.com.tw

崇光照明股份有限公司

新北市土城區中央路4段51號5樓
電話 : +886-2-2269-6818
傳真 : +886-2-2269-1055
網址 http : //www.pd3.com.tw