



# D830P tubular LED lamp

A one-to-one replacement of traditional T8 fluorescent lamp



## General Characteristic

Construction	Design of the product is similar with the traditional T8 fluorescent lamp in term of its overall size and lamp base. The aluminium heatsink and LED module are enveloped into the polycarbonate tube interfaced with the built-in isolated LED driver.
Cap-base	T8 medium bi-pin (G13)
Colour of diffuser	Opaque white or transparent
Rated life span	50000 hours (L <sub>70</sub> IEC LM80 @T <sub>a</sub> 25°C)
Ingress protection	IP20
Industrial standard	IEC 62384 / LM-80
Size of tube	Ø26 x 0.6m/Ø26 x 1.2m
Certification	CE, RoHS
Operation temp	-20°C ~+40°C
Operation humidity	95% Rh @-20°C to 50°C

## Light Characteristic

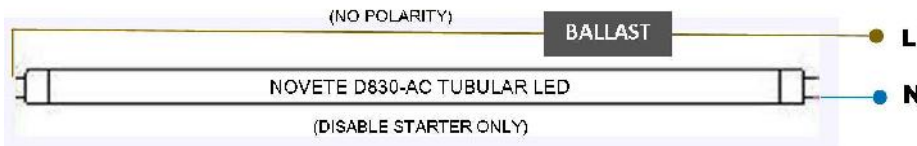
Light source	High intensity SMD2835
Luminous efficacy	≥120 lumen per watt
Beam angle (optional)	120 or 160 degrees
Colour rendering index	≥80 Ra
Colour temperature	2800~3000K (K3); 4000~4500K (K4); 5500~6000 (K5)
Peak intensity	480 cd
RF interference	No



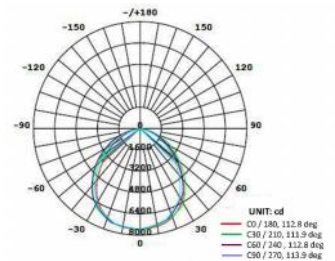
**D830P** could be used for one-to-one replacement of T8 fluorescent tube. Simply remove the starter from the fixture without removing the ballast and changing of wire interface, thus no skilful electrician would be required.

## Electrical Characteristic

Input power	100~265VAC, 50/60Hz
Power supply	Built-in LED driver (isolated type)
Power factor	≥0.95
Power interface	No polarity



Standard installation diagram



Typical photometrical graph

## Product Specification

Model #	Rated Power	Luminous Efficacy	Overall Size	
			A	B
D83080P-060W10KX	10W	1200 lumen	605m	588m
D83160P-120W20KX	20W	2400 lumen	1210m	1198

