

D2000S high intensity LED linear light

An alternative of T5/T8 fluorescent lamp for general lighting applications

- Power consumption is approximately one-third of the luminaire using fluorescent lamp.
- Built-in isolated dimmable LED driver feathering with looping wire thus minimising the cost of installation process.



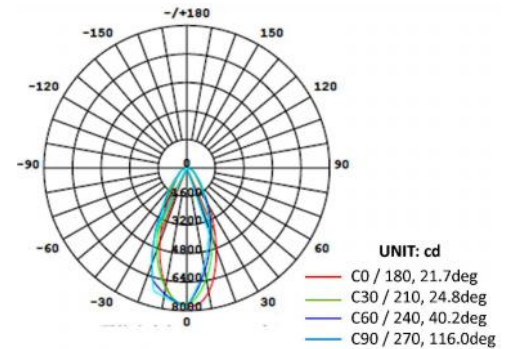
General Characteristic

Construction	The unit is composed by proprietary aluminium profile fitted with high intensity LED modules. LED driver is enveloped inside the cavity of the profile, thus external device wouldn't be required. Both end of the strip is fitted with male & female coupler for parallel connection of one unit to another without additional wiring works and free from tooling.
Sectional size	27.0 x 37.0mm (width x height)
Standard length	Available in 60, 90 and 120cm (or customized)
Rated life span	50000 hours @L70 (IES LM80 compliant)
Ingress protection	IP65 compliant
Industrial standard	EMC 2004; LVD 2006 Directive
Certification	CE, RoHS, FCC compliant
Operation temp	-20°C ~+40°C
Operation humidity	95% Rh
Installation	High-tensile stainless steel mounting clips



Light Characteristic

Light source	SMD2835
Color rendering index	Ra ≥80
Color temperature	3200K (K3); 4200K (K4); 5500K (K5); 6000K (K6)
Luminous efficacy	≥120 lumen per watt
Beam angle	15/30 degrees (optional)



Electrical Characteristic

Input power	185~265VAC, 50/60Hz
Power supply	Built-in dimmable LED driver
Power factor	PF ≥0.95
Protection type	OCP, OVP, OTP, SCP

Product Specification

Model No.	Power		Luminous Efficacy (lm)	OA Size (mm)	Net Weight (kg)	Packing (per cartons)		
	Rated	System				Gross (kg)	QTY	Size (mm)
D20060S-010W10	10.0W	10.5W	1100~1200	27 x 37 x 600	0.36	7.4	40	1000 x 145 x 155
D20090S-020W15	15.0W	15.8W	1650~1800	27 x 37 x 900	0.41	9.6	20	1000 x 145 x 155
D20120S-020W20	20.0W	21.1W	2200~2400	27 x 37 x 1200	0.55	11.0	20	1300 x 145 x 155
D20120S-025W25	25.0W	26.3W	2750~3000	27 x 37 x 1500	0.55	11.0	20	1300 x 145 x 155

Installation Guide

Accessories

1. Each unit of D2000 linear light is provided with 20cm wire cord at both end respectively fitted with male and female coupler (see picture on right).
2. Two pieces of stainless-steel spring clips are provided for mounting the strip to the designated position.



Male coupler



Female coupler

Power Supply

1. The unit is operated by constant current LED driver with input power of 185~265VAC, 50/60Hz.
2. LED driver is enveloped inside the cavity of the fitting.
3. Each side of the strip is providing with 40cm long wire fitted with male and female coupler at both end of the luminaire that electrical current is looping from one side to the other.



Spring clips

Luminaire Installation

1. Fastening the stainless-steel mounting clips as shown in picture on right to the designate position.
2. Simply insert the linear light to the stainless-steel mounting clips.
3. Remove (cut-off) the male coupler from the wire of the first unit and connect with the AC power source directly. Current would be looping to the female coupler at the other end.
4. Insert the male coupler of the second unit to the female coupler of the first unit and twist to tightening the connection without wiring work require.
5. Follow the same method of connection as step 4 above for subsequent units.

