

# Linear High Output DC Modules

*Efficient, easy-to-install modules for high lumen linear applications*



- Constant current, high-efficacy, 3 SDCM LEDs
- Aluminum extrusion mount for thermal management and quick install
- Suitable replacement for fluorescent T5HO lamps
- Up to 198 lm/W; output range 2,200 lm to 13,610 lm (@4000K/80CRI)
- Optimized for use with Fulham programmable drivers and HotSpot LED emergency systems

*Fulham's new LinearHO DC LED modules use the latest high-efficacy, high-brightness LEDs to provide a cost-competitive alternative to traditional linear lamps. These constant current, high lumen density modules are ideal for use in linear highbays, vapor tights, troffers, and other linear luminaires. The boards are mounted in an aluminum extrusion to eliminate the need for additional heatsinking, with pre-installed magnets to simplify alignment and installation. Push-in connectors allow boards to be joined with equal LED spacing across the entire length. Three power levels, multiple color temperatures, and easy snap-on lenses make them a simple, flexible solution for luminaire manufacturers or LED retrofit projects.*

Specifications	
Operating Temperature Range	-40°C to +60°C / -40°F to 140°F
Lumen Maintenance @105°C	L70: >60,000Hrs / L90: 40,000Hrs (meets DLC Premium and Standard requirements)
Color Consistency	Binning per ANSI C78.377-2015 @ 25°C; 3 SDCM
PCB Material / Thermal Conductivity	CEM3 (CCP-308) High Thermal Conductive / 1.5W/mK
Connector Type	WAGO double pin push-in connectors
Warranty	5 years @ Max Tc from the date of manufacture
Safety/compliance	cURus (File # E351548), Class 2 Lighting System, RoHS Compliant
See product specification sheets for details and latest updates.	

LinearHO DC Modules								
Model Number / Dimension	Number of LED	Input Current (mA)	Nom. Fwd. Voltage (VDC)	Nom. Rated Power (W)	Max. Fwd. Voltage (V)	Max. Rated Power (W)	Nom. Lum. @4000K/80CRI (lm)	Nom. Efficacy @4000K/80CRI (lm/W)
<b>TMU125050CL8xxA</b> 22" x 1.73" x 0.39" 560mm x 44mm x 10mm	96	350	33	12	35	12	2245	195
		700	34	24	36	26	4350	182
		1050	35	37	38	40	6210	169
		1250*	36	44	39	49	7130	161
<b>TMU140055CL8xxA</b> 44.1" x 1.73" x 0.39" 1120mm x 44mm x 10mm	108	350	33	11	34	12	2255	196
		700	34	24	36	25	4385	185
		1050	35	36	38	39	6340	174
		1400*	36	50	39	55	8015	161
<b>TMU240095CL8xxA</b> 44.1" x 1.73" x 0.39" 1120mm x 44mm x 10mm	180	350	32	11	34	12	2230	198
		700	33	23	35	24	4480	194
<b>TMU240095CL8xxC</b> 58" x 1.73" x 0.52" 1473mm x 44mm x 13mm (Made-to-order)	180	1050	34	35	36	37	6605	187
		1400	34	48	37	52	8640	180
		2400*	36	85	39	94	13610	159

**Color Temperature**  
 30 = 3000K  
 40 = 4000K  
 50 = 5000K

# TMU125050CL8xxA

\* Indicates maximum rated current. Modules may be operated at a current less than or equal to this value, below the Tc rating.

Accessories	
Model Number	Description
<b>TLEOPT120-020</b>	Module end caps, 2 pieces
<b>TLEOPT120-004</b>	22" snap-on lens, 82% transmissivity
<b>TLEOPT120-013</b>	44" snap-on lens, 82% transmissivity



TLEOPT120-020



TLEOPT120-004  
TLEOPT120-013



Module + End cap + Lens

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