



Low Profile LinearHO DC Modules

Efficient, high output modules for linear applications



- Ideal replacement for T5HO in linear highbays, vapor tights, and troffers
- Up to 219 lm/W; output range 234 lm to 14,699 lm (@4000K/80CRI)
- Aluminum extrusion mount provides superior thermal management
- Low profile design for use in smaller luminaires
- Optional lenses snap on in seconds

Fulham's new Low Profile LinearHO DC LED modules are the powerful, efficient alternative to traditional T5HO lamps. Measuring only 0.29" high and featuring 3 SDCM LEDs, they are designed with constant current, high lumen density modules for maximum efficiency. The boards are mounted in a thin aluminum extrusion to eliminate the need for additional heatsinking. Push-in connectors allow boards to be joined with equal LED spacing across the entire length. Multiple power levels, lengths, and color temperatures make them a simple, flexible solution for luminaire manufacturers or LED retrofit projects.

Specifications	
Operating Temperature Range	-40°C to 55°C / -40°F to 131°F
Lumen Maintenance @105°C	L70: >60,000Hrs / L90: 40,000Hrs
Color Consistency	Binning per ANSI C78.377-2015 @ 25°C; 3 SDCM
PCB Material / Thermal Conductivity	MCPCB (Aluminum Clad)/ 1.5W / mK
Connector Type	WAGO #2060-452 / 998-404 (2 pin connector)
Warranty	5 years @ Max. Tc from the date of manufacture
Safety/Compliance	cURus (File # E351548), UL Class 2 Lighting System, RoHS Compliant, CE, SELV

Product Models								
Model Number / Dimension (L x W x H)	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)
VMU048012LPyxxA 5.5" x 1.26" x 0.29" 140mm x 32mm x 7mm	24	175	22.3	3.9	25	4	799	205
		350	23.1	8.1	25	9	1518	187
		480*	23.8	11.40	26	12	1959	172
VMU064025LPyxxA 11" x 1.26" x 0.29" 278mm x 32mm x 7mm	48	350	34.0	11.9	37	13	2347	197
		450	34.7	15.6	38	17	2942	189
		640*	35.6	22.8	39	25	3919	172
VMU080030LPyxxA 22" x 1.26" x 0.29" 560mm x 32mm x 7mm	60	350	33.7	11.8	37	13	2380	202
		700	35.1	24.6	39	27	4418	180
		800*	35.6	28.5	39	31	4899	172
VMU125050LPyxxA 22" x 1.26" x 0.29" 560mm x 32mm x 7mm	96	350	32.9	11.5	35	12	2425	211
		700	34.1	23.9	36	26	4698	197
		1250*	35.5	44.4	38	49	7700	173
VMU140055LPyxxA 44" x 1.26" x 0.29" 1120mm x 32mm x 7mm	108	700	33.8	23.7	36	25	4736	200
		1050	34.7	36.4	38	39	6847	188
		1400*	35.5	49.7	39	55	8656	174
VMU140055LPyxxC† 46" x 1.26" x 0.29" 1168mm x 32mm x 7mm	108	700	33.8	23.7	36	25	4736	200
		1050	34.7	36.4	38	39	6847	188
		1400*	35.5	49.7	39	55	8656	174
VMU240095LPyxxA 44" x 1.26" x 0.29" 1120mm x 32mm x 7mm	180	700	33.0	23.1	35	24	4838	209
		1400	34.2	47.9	37	52	9331	195
		2400*	35.6	85.4	39	94	14,699	172
VMU240095LPyxxC† 58" x 1.26" x 0.29" 1473mm x 32mm x 7mm	180	700	33.0	23.1	35	24	4838	209
		1400	34.2	47.9	37	52	9331	195
		2400*	35.6	85.4	39	94	14,699	172



VMU048012LPyxxA

Color Temperature

30 = 3000K
35 = 3500K
40 = 4000K
50 = 5000K

CRI

8 = 80
9 = 90 (Made to order)

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

† Made to order. Minimum order quantity applies.

Accessories			
Model Number	Description	Model Number	Description
TLEOPT120-002	5.5" snap-on lens, 82% transmissivity	TLEOPT120-013	44" snap-on lens, 82% transmissivity
TLEOPT120-003	11" snap-on lens, 82% transmissivity	TLEOPT120-014	46" snap-on lens, 82% transmissivity
TLEOPT120-004	22" snap-on lens, 82% transmissivity	TLE-OPT-120-021	58" snap-on lens, 82% transmissivity
TLC-HN02	22" wire harness for 1 or 2 modules in parallel	TLC-HN04	22" wire harness for 3 or 4 modules in parallel



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