

LED Tube Retrofit Kit

Model: T8ED12L3



Performance for Single lamp

Input: 16W, 100~277VAC, 0.14A

Luminous efficacy: Typ. 100 lm/W

Lumens: 1600lm

CCT: 4000K&5000K

Color Accuracy: CRI 85, R9>20

L70 lifetime: 65,000h

PF>0.98

THD <10%

Performance in 2x4 troffer (3 lamps kit)

Input: 50W, 100~277VAC, 0.42A

Luminous efficacy: Typ. 80 lm/W

Lumens: 4000lm

Spacing Criteria: 0/180: 1.24; 90/270: 1.22

Product Specifications

CONSTRUCTION & MATERIALS	
Dimension	4ft/1.2m
Housing	Extrusion Aluminum and PC diffuser
Finish Color	Silver
Lens Type	Clear
LED Count	220

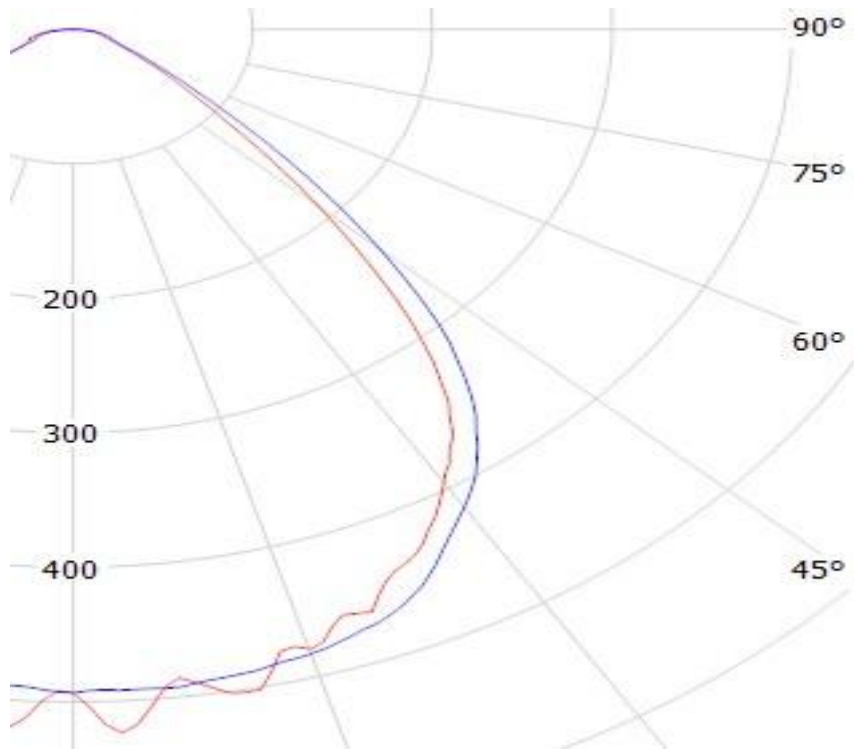
ENVIRONMENTAL SYSTEM	
Work Environment	Indoor use (applicable for dry environments)
Operating Temperature	-20~60°C (-4~140°F)

OPTICAL SYSTEM	
Luminous Flux	1600lm
Luminous Efficacy	100lm/w
Color Temperature	4000K & 5000K
CRI	85
Spacing Criteria	C0/180: 1.24; C90/270: 1.22 in Prismatic Troffer
Lumen maintenance at 6000h	99.12%

ELECTRICAL SYSTEM	
Input Voltage/Current	120VAC~277VAC/0.42A
Off State Power	0W
Power Consumption	16 W
Power Factor	0.947 @ 277V input
THD	10.1 @ 277V input

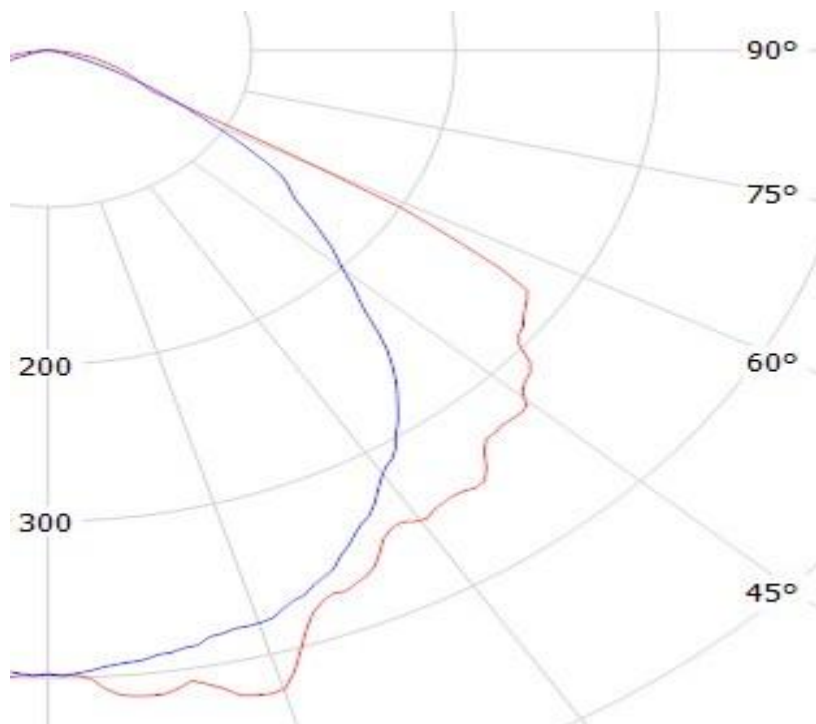
REGULATORY & VOLUNTARY QUALIFICATIONS	
UL/cUL Listed (UL No.: E329832)	
CE	
RoHS	
Design Lights	

Photometric in Lithonia 2GT8-3-32-A19 Prismatic Troffer



ZONE	LUMENS	% LAMP	% LUMINAIRE
0-30	1,524.50	38.90%	38.90%
0-40	2,437.80	62.30%	62.30%
0-60	3,542.10	90.50%	90.50%
60-90	371.3	9.50%	9.50%
70-100	158.7	4.10%	4.10%
90-120	0.3	0%	0%
0-90	3,913.40	99.90%	100%
90-180	1.9	0%	0%
0-180	3,915.40	100%	100%

Photometric in Lithonia 2PM2 2GT8-3-32 Parabolic Troffer



ZONE	LUMENS	% LAMP	% LUMINAIRE
0-30	1,173.73	25.30%	31.40%
0-40	1,917.73	41.30%	51.20%
0-60	3,357.46	72.30%	89.70%
60-90	383.57	8.30%	10.30%
70-100	88.8	1.90%	2.40%
90-120	0.63	0%	0%
0-90	3,741.02	80.60%	100%
90-180	1.46	0%	0%
0-180	3,742.48	80.60%	100%