



Series Spec Sheet

L3CTG

T-GRID LED LINEAR LIGHT

The L3CTG is available in 2' and 4' which can be compatible to 15/16" standard suspended ceilings system. This product offers lighting designers more freedom to design since the LED module can follow the ceiling elements in many different ways. It is suitable for commercial and architectural environments that require a unique and elegant lighting design.

FEATURES AND SPECIFICATIONS

• Construction

Housings
Aluminum extrusion

FT6 cable Length:
16.4' (5 M) cable

Optics
Snap-in frosted acrylic lens 15/16"

• Electrical

THD <20 %, Power factor >0.9

LED
Long life LED that provide 80+ CRI, with a choice of 3 500 K and 4 000 K color temperature

Lumens
1 300 to 2 600 lm

Lumens maintenance
With 87.8% of lumen maintenance expected at 50 000 hours.

Efficacy

10 W: 3 500 K, 1 300 lm, 130 lm/W
20 W: 3 500 K, 2 600 lm, 130 lm/W

10 W: 4 000 K, 1 300 lm, 130 lm/W
20 W: 4 000 K, 2 600 lm, 130 lm/W

Driver

2' luminaire 30 W driver
4' luminaire 60 W driver
One driver can accommodate up to 3 luminaires
100-277 V, 0-10 V dimming

Beam Angles

Available in 120°

• Compliances

– Listed cULus
– ICES 005

5
yrs
warranty

**quick
ship**

**LED
fixture**

dimmable

**damp
location**

**ICES
005**

**IC
rated**



OVERVIEW

Light source	LED
Watts (W)	10 - 20
Lumen output (lm)	1 300 - 2 600
Efficiency (lm/W)	130
Color temperature (K)	3 500, 4 000
CRI	80+
Weight (lbs)	2.863

QUICK SHIP TECHNICAL SPECIFICATION TABLE

FOR T-GRID ⁴

Order code	Model number	Lenght (in)	Width (in)	Watts (W)	Color temp. (K) ¹	Lumen (lm) ²	Efficiency (lm/W)	CRI	Life L70 (hrs) ³	Cable rating	Lens finish	Dimming (Yes/No)	Power factor	THD (%)	Case qty (master)
68025	L3CTG-0215LS1/35K	24	15/16	10	3 500	1 300	130	80+	50 000	FT6	Frosted	Yes	>0.9	<20	18
68026	L3CTG-0215LS1/40K	24	15/16	10	4 000	1 300	130	80+	50 000	FT6	Frosted	Yes	>0.9	<20	18
68027	L3CTG-0415LS2/35K	48	15/16	20	3 500	2 600	130	80+	50 000	FT6	Frosted	Yes	>0.9	<20	18
68028	L3CTG-0415LS2/40K	48	15/16	20	4 000	2 600	130	80+	50 000	FT6	Frosted	Yes	>0.9	<20	18

¹ Typical color temperature range: +/- 5 %.

² Lumen values are derived from photometric testing. Initial lumens range: +/- 10 %

³ Life hours are derived from IESNA LM-80 testing report and projected per IESNA TM-21 extrapolations.

⁴ Power supply sold separately.

QUICK SHIP TECHNICAL SPECIFICATION TABLE

FOR POWER SUPPLY ^{1,2}

Order code	Model number	Watts (W)	Volts (VAC)	Case qty (master)
68029	PSTG30W ³	30	100-277	6
68030	PSTG60W ⁴	60	100-277	6



¹ One driver can accommodate up to 3 luminaires.

² Power supply sold separately.

³ Only available for the 2' luminaire.

⁴ Only available for the 4' luminaire.

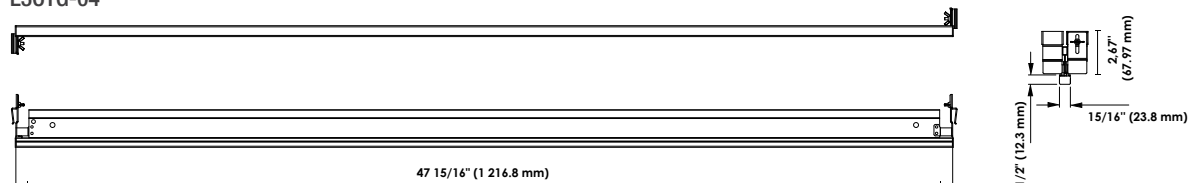
COMPATIBLE DIMMERS

Brand	Model number
Lutron	DIVA-DVTV NOVA-NTSTV-TV

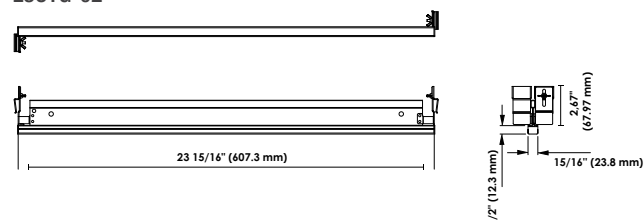
¹ Dimming range: 10%-100%

DIMENSIONS

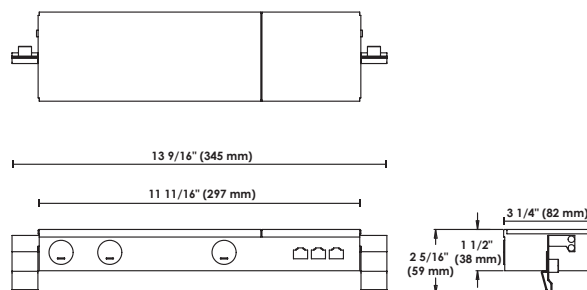
L3CTG-04



L3CTG-02



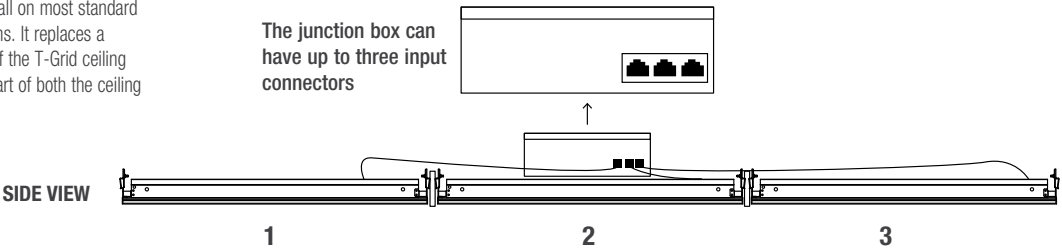
POWER SUPPLY



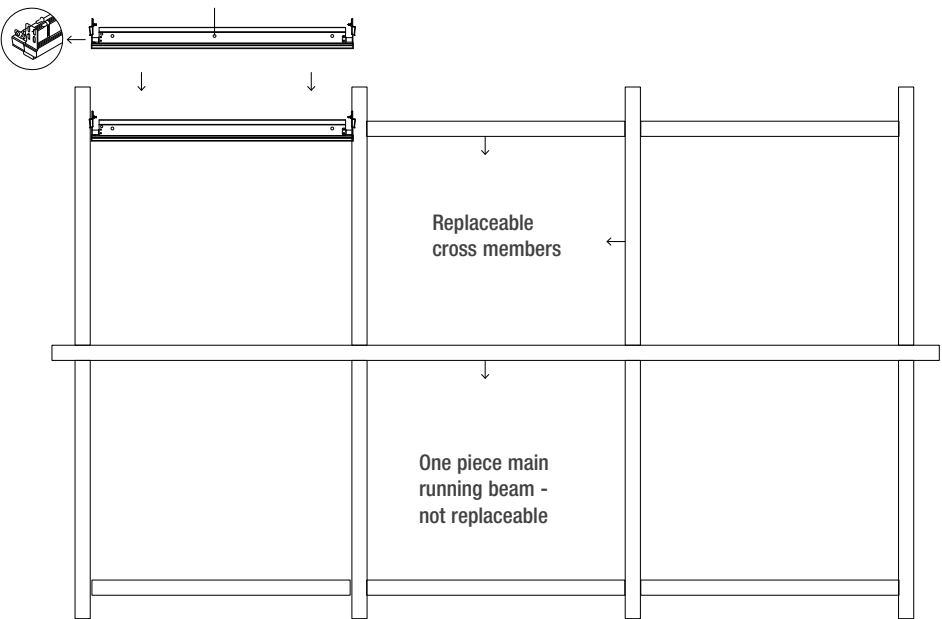
Data is based upon tests performed in a controlled environment. Actual performance can vary depending on operating conditions.
All products are subject to change or may be discontinued any time without notice.

CONFIGURATION

The L3CTG is easy to install on most standard 15/16" ceiling grid systems. It replaces a whole 2' or 4' cross tee of the T-Grid ceiling making this luminaire a part of both the ceiling and lighting systems.



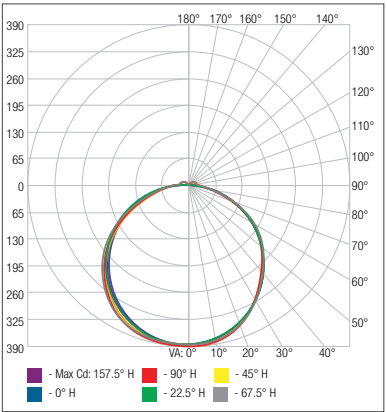
All of the T-Grid lighting bars have an adjustable mounting bracket on each end which is compatible with most manufacturers' suspended ceiling systems and tiles.



PHOTOMETRIC DATA¹

68025 • L3CTG-0215LS1/35K • 1 259.2 lm

Polar candela distribution



Zonal lumen summary

Zone	Lumens	% Fixture
0-30	304.9	24.2
0-40	503.5	40
0-60	907.2	72
60-90	283.7	22.5
70-100	146.7	11.6
90-120	42.9	3.4
0-90	1 190.9	94.6
90-180	68.3	5.4
0-180	1 259.2	100

Illuminance at a distance

Center beam fc		Beam width	
1.7'	133	5.5'	5.8'
3.3'	35.4	10.7'	11.3'
5.0'	15.4	16.2'	17.1'
6.7'	8.59	21.7'	22.9'
8.3'	5.60	26.9'	28.4'
10.0'	3.86	32.4'	34.3'

Vert. spread: 116.7°
Horiz. spread: 119.4°

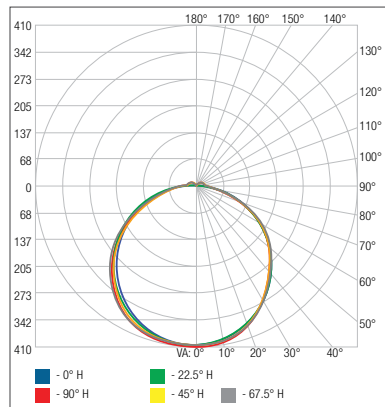
¹ Complete IES files available on our website.

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PHOTOMETRIC DATA (cont'd)¹

68026 • L3CTG-0215LS1/40K • 1 322.3 lm

Polar candela distribution



Zonal lumen summary

Zone	Lumens	% Fixture
0-30	320.1	24.2
0-40	528.5	40
0-60	952.4	72
60-90	298.2	22.5
70-100	154.3	11.7
90-120	45.1	3.4
0-90	1 250.6	94.6
90-180	71.7	5.4
0-180	1 322.3	100

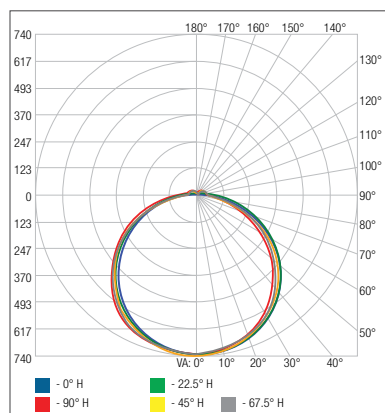
Illuminance at a distance

	Center beam fc	Beam width
1.7'	140	5.5' 5.8'
3.3'	37.2	10.7' 11.3'
5.0'	16.2	16.2' 17.1'
6.7'	9.02	21.7' 22.9'
8.3'	5.88	26.9' 28.4'
10.0'	4.05	32.4' 34.3'

■ Vert. spread: 116.7°
■ Horiz. spread: 119.4°

68027 • L3CTG-0415LS2/35K • 2 540.5 lm

Polar candela distribution



Zonal lumen summary

Zone	Lumens	% Fixture
0-30	586.8	23.1
0-40	975.9	38.4
0-60	1 784.3	70.2
60-90	604.8	23.8
70-100	327.1	12.9
90-120	92.7	3.6
0-90	2 389.1	94
90-180	151.4	6
0-180	2 540.5	100

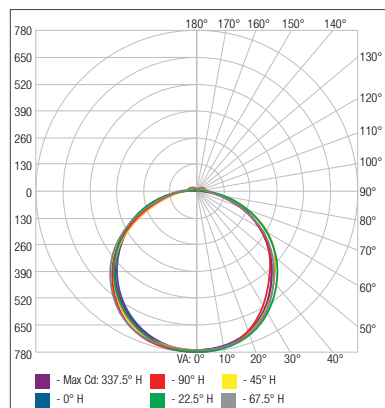
Illuminance at a distance

	Center beam fc	Beam width
1.7'	255	6.0' 6.0'
3.3'	67.7	11.6' 11.6'
5.0'	29.5	17.6' 17.6'
6.7'	16.4	23.6' 23.6'
8.3'	10.7	29.2' 29.2'
10.0'	7.37	35.2' 35.2'

■ Vert. spread: 120.8°
■ Horiz. spread: 120.8°

68028 • L3CTG-0415LS2/40K • 2 668 lm

Polar candela distribution



Zonal lumen summary

Zone	Lumens	% Fixture
0-30	616.0	23.1
0-40	1 024.5	38.4
0-60	1 873.4	70.2
60-90	635.4	23.8
70-100	344.0	12.9
90-120	97.5	3.7
0-90	2 508.8	94
90-180	159.2	6
0-180	2 668.0	100

Illuminance at a distance

	Center beam fc	Beam width
1.7'	268	6.0' 6.0'
3.3'	71.1	11.6' 11.6'
5.0'	31.0	17.6' 17.6'
6.7'	17.2	23.6' 23.6'
8.3'	11.2	29.2' 29.2'
10.0'	7.74	35.2' 35.2'

■ Vert. spread: 120.8°
■ Horiz. spread: 120.8°

¹ Complete IES files available on our website.

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