



Series Spec Sheet

TLL

LED TRACK LINEAR LIGHTING

The TLL is a newly developed LED track linear utilizing modern day LED. It provides highly efficient illumination and it comes with J & J2 style track adapter. The TLL can be used to add general lighting along with regular track heads. It's slim housing allows it to be installed in restricted areas such as coves and also display application. Available in 2 foot and 4 foot, diffuse lens comes standard.

FEATURES AND SPECIFICATIONS

• Construction

Housing

Extruded aluminum lightweight LED linear track

Finish

Heavy duty scratch resistant powder coated. Available in textured white and black.

Optics/Lens

Comes standard with a polycarbonate lens frosted that diffuses light evenly. Several other lenses are available.

Beams

Frosted lens diffused : 109°, Clear lens single asymmetrical : 47°, Clear lens double asymmetrical : 69°, Clear lens wide flood : 96°, Clear lens narrow flood : 69°

• Electrical

THD <20% et Power factor >0.9

LED

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

Lumens

1 614 - 3 440 lm

Lumens maintenance

Over 83.12% lumen maintenance expected at 50 000 hours.

Efficiency

18 W: 3 000 K, 89.6 lm/W
36 W: 3 000 K, 90.2 lm/W

Driver

18 W and 36 W, 120 V line voltage
Non-dimmable

Adapter

Track linear with "J" adapter are classified to be used with Stanpro STJ track series, Juno T or TU track series and Prescolite TS or TT track series.

• Compliances

- Listed cULus
- ICES 005



OVERVIEW

Light source	LED
Watts (W)	20, 36
Lumen output (lm)	1 614 - 3 440
Efficiency (lm/W)	81 - 96
Color temperature (K)	3 000, 3 500, 4 000
CRI	80+
Weight (lbs)	1.77

QUICK SHIP TECHNICAL SPECIFICATION TABLE  WITH FROSTED LENS DIFFUSED

Part number	Watts (W)	Volts (VAC)	Color temp. (K) ²	Lumen (lm) ³	Efficiency (lm/W)	Lens finish	CRI	Life L70 (hrs) ⁴	Finish	Power factor	THD (%)	Case qty (master)
2'												
TLL2-183080DU-AJWH	18	120	3 000	1 612	90	Frosted lens diffused	80+	50 000	White	>0.9	<20	20
TLL2-183580DU-AJWH	18	120	3 500	1 612	90	Frosted lens diffused	80+	50 000	White	>0.9	<20	20
TLL2-184080DU-AJBK	18	120	4 000	1 708	95	Frosted lens diffused	80+	50 000	Black	>0.9	<20	20
TLL2-184080DU-AJWH	18	120	4 000	1 708	95	Frosted lens diffused	80+	50 000	White	>0.9	<20	20
4'												
TLL4-363080DU-AJWH	36	120	3 000	3 246	90	Frosted lens diffused	80+	50 000	White	>0.9	<20	20
TLL4-363580DU-AJBK	36	120	3 500	3 246	90	Frosted lens diffused	80+	50 000	Black	>0.9	<20	20
TLL4-363580DU-AJWH	36	120	3 500	3 246	90	Frosted lens diffused	80+	50 000	White	>0.9	<20	20
TLL4-364080DU-AJWH	36	120	4 000	3 440	96	Frosted lens diffused	80+	50 000	White	>0.9	<20	20

¹ **QUICK SHIP:** Product availability is subject to change without notice. Please contact your Stanpro customer service representative to confirm inventory levels at time of order.

² Typical color temperature range: +/- 5 %.

³ Lumen values are derived from photometric testing. Initial lumens range: +/- 10 %.

⁴ Life hours are derived from IESNA LM-80-08 testing report and projected per IESNA TM-21-11 extrapolations.

ORDERING GUIDE

Series	Size	Lumen package (lm)	Color temp. (K)	CRI	Lens finish	Beam distribution ¹	Volts (V)	Adapter	Fixture color ²
TLL	2 - 2'	18 - 1 612 - 1 708	30 - 3 000 ^{3,4} 35 - 3 500 ³	80 - 80+	CL - Clear	SA - Single Asymmetrical DA - Double Asymmetrical WF - Wide Flood NF - Narrow Flood	A - 120	J - J et J2 track (standard)	BK - Black WH - White
	4 - 4'	36 - 3 246 - 3 440	40 - 4 000 ⁴						

¹ Refer to IES files for more details.

² For other options and availabilities please contact factory.

³ Not available in 2' and black finish

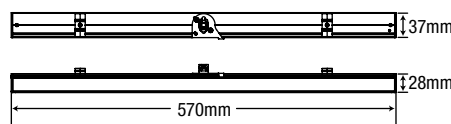
⁴ Not available in 4' and black finish

TECHNICAL SPECIFICATION TABLE

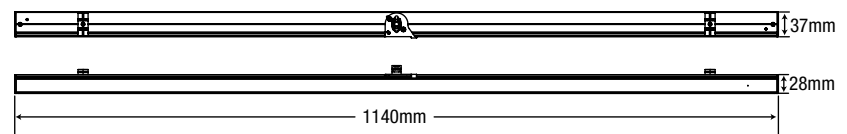
Lumen package	Watts (W)	Volts (V)	3 000 K		3 500 K		4 000 K		CRI	Life L70 (hrs)	Power factor	THD (%)
			Lumen (lm)	Efficiency (lm/W)	Lumen (lm)	Efficiency (lm/W)	Lumen (lm)	Efficiency (lm/W)				
18	18	120	1 612	90	1 612	90	1 708	95	80+	50 000	>0.9	<20
36	36	120	3 246	90	3 246	90	3 440	96	80+	50 000	>0.9	<20

DIMENSIONS

2'



4'

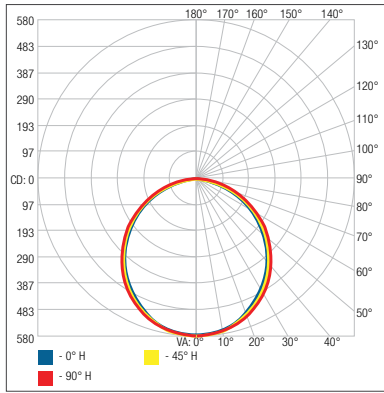


Data is based upon tests performed in a controlled environment. Actual performance can vary depending on operating conditions. All products are subject to change or may be discontinued any time without notice.

PHOTOMETRIC DATA¹

TLL2-183080DU-AJWH • 1 612.1 lm

Polar candela distribution



Zonal lumen summary

Zone	Lumens	% Fixture
0-30	442.7	27.5%
0-40	721.3	44.7%
0-60	1 265.9	78.5%
60-90	331.3	20.5%
70-100	141.5	8.8%
90-120	10.7	0.7%
0-90	1 597.2	99.1%
90-180	15	0.9%
0-180	1 612.2	100%

Illuminance at a distance

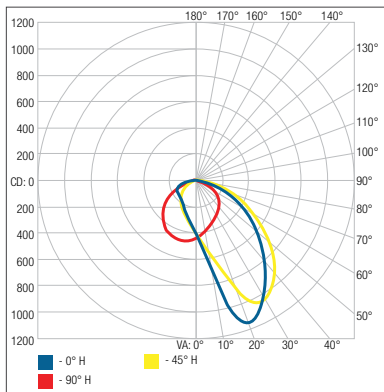
Center beam fc	Beam width
1.7'	199
3.3'	52.9
5.0'	23.0
6.7'	12.8
8.3'	8.36
10.0'	5.76

Beam width	Beam width
4.7'	5.1'
9.1'	9.9'
13.8'	14.9'
18.4'	20.0'
22.8'	24.8'
27.5'	29.9'

■ Vert. spread: 108.0°
■ Horiz. spread: 112.4°

TLL2-183080SA-AJWH • 1 734.4 lm

Polar candela distribution



Zonal lumen summary

Zone	Lumens	% Fixture
0-30	453.5	26.1%
0-40	769.2	44.4%
0-60	1 365.1	78.7%
60-90	367.6	21.2%
70-100	159.5	9.2%
90-120	1.6	0.1%
0-90	1 732.7	99.9%
90-180	1.7	0.1%
0-180	1 734.4	100%

Illuminance at a distance

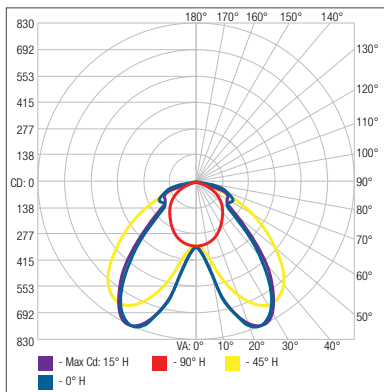
Center beam fc	Beam width
1.7'	147
3.3'	39.0
5.0'	17.0
6.7'	9.46
8.3'	6.16
10.0'	4.25

Beam width	Beam width
1.4'	2.7'
2.7'	5.3'
4.1'	8.0'
5.4'	10.7'
6.7'	13.2'
8.1'	15.9'

■ Vert. spread: 44.2°
■ Horiz. spread: 77.1°

TLL2-183080DA-AJWH • 1 810.1 lm

Polar candela distribution



Zonal lumen summary

Zone	Lumens	% Fixture
0-30	466.8	25.8%
0-40	833.5	46%
0-60	1 451.8	80.2%
60-90	348.3	19.2%
70-100	152.8	8.4%
90-120	6.5	0.4%
0-90	1 800.1	99.4%
90-180	10.0	0.6%
0-180	1 810.1	100%

Illuminance at a distance

Center beam fc	Beam width
1.7'	117
3.3'	31.0
5.0'	13.5
6.7'	7.52
8.3'	4.90
10.0'	3.37

Beam width	Beam width
1.2'	3.3'
2.3'	6.5'
3.4'	9.8'
4.6'	13.2'
5.7'	16.3'
6.8'	19.7'

■ Vert. spread: 37.8°
■ Horiz. spread: 89.0°

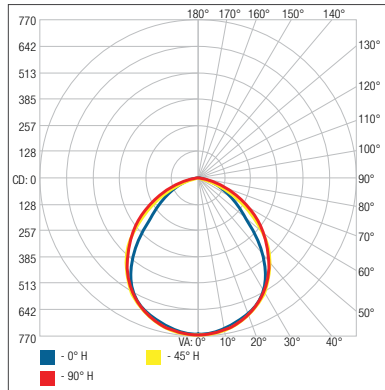
¹ Complete IES files available on our website.

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PHOTOMETRIC DATA¹ (cont'd)

TLL2-183080WF-AJWH • 1 885.6 lm

Polar candela distribution



Zonal lumen summary

Zone	Lumens	% Fixture
0-30	587.8	31.2 %
0-40	955.3	50.7 %
0-60	1 578.7	83.7 %
60-90	295.1	15.6 %
70-100	120.5	6.4 %
90-120	7.6	0.4 %
0-90	1 873.8	99.4 %
90-180	11.8	0.6 %
0-180	1 885.6	100 %

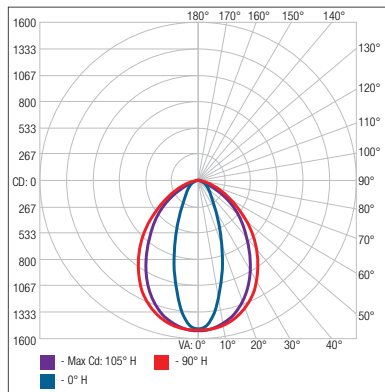
Illuminance at a distance

Center beam fc		Beam width	
1.7'	264	3.4'	4.4'
3.3'	70.2	6.7'	8.6'
5.0'	30.6	10.1'	13.1'
6.7'	17.0	13.6'	17.5'
8.3'	11.1	16.8'	21.7'
10.0'	7.64	20.2'	26.1'

■ Vert. spread: 90.7°
■ Horiz. spread: 105.1°

TLL2-183080NF-AJ-WH • 1 913.3 lm

Polar candela distribution



Zonal lumen summary

Zone	Lumens	% Fixture
0-30	838.7	43.8 %
0-40	1 183.3	61.8 %
0-60	1 670.6	87.3 %
60-90	231	12.1 %
70-100	99.7	5.2 %
90-120	8.4	0.4 %
0-90	1 901.6	99.4 %
90-180	11.6	0.6 %
0-180	1 913.3	100 %

Illuminance at a distance

Center beam fc		Beam width	
1.7'	527	1.2'	2.1'
3.3'	140	2.3'	4.0'
5.0'	60.9	3.5'	6.0'
6.7'	33.9	4.6'	8.1'
8.3'	22.1	5.7'	10.0'
10.0'	15.2	6.9'	12.1'

■ Vert. spread: 38.2°
■ Horiz. spread: 62.2°

¹ Complete IES files available on our website.

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