



**Filename:** TWL02D-50-30K-A

**Luminaire:** LED Track Lighting Fixture

**Luminaire Cat:** TWL02D-50-30K-A

**Lamp:** N/A

**Lamp Cat:** N/A

**Lamp Output:** 1 lamp, rated Lumens/lamp: 4736.4

**Max Candela:** 2,146.7 at Horizontal: 0°, Vertical: 0°

**Input Wattage:** 50.9

**Luminous Opening:** (L: 0", W: 23.62", H: 3.94")

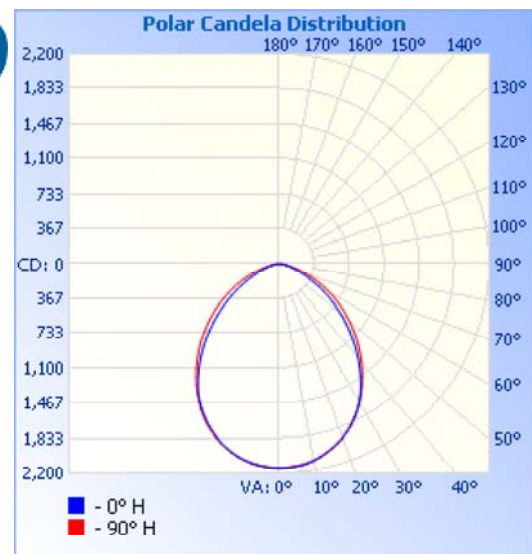
**Test:** 20160725-001

**Photometry :** Type C

**CIE Class:** Direct

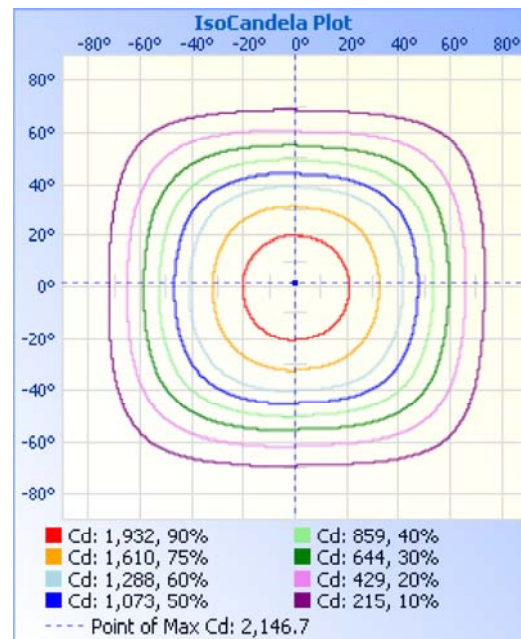
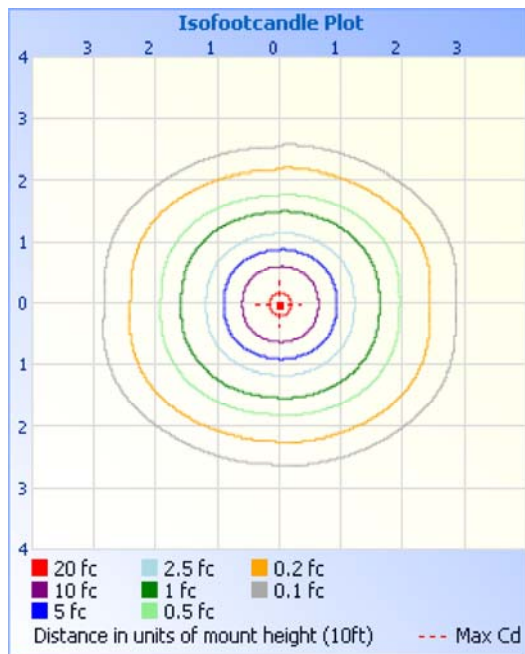
**Cutoff Class:** Cutoff

**Nema Type:** 7 X 7



#### Zonal Lumen Summary

Zone	Lumens	% Lamp	% Luminaire
0-30	1,614.1	34.1%	34.1%
0-40	2,563.1	54.1%	54.1%
0-60	4,120.1	87%	87%
60-90	617.2	13%	13%
0-90	4,737.2	100%	100%





#### Coefficients Of Utilization - Zonal Cavity Method

Effective Floor Cavity Reflectance: 20%

RCC %:	80				70				50				30				10				0
RW %:	70	50	30	0	70	50	30	0	50	30	20	10	50	30	20	10	50	30	20	10	0
RCR: 0	1.19	1.19	1.19	1.19	1.16	1.16	1.16	1.00	1.11	1.11	1.11	1.06	1.06	1.06	1.02	1.02	1.02	1.02	1.02	1.00	1.00
1	1.10	1.06	1.02	.99	1.08	1.04	1.00	.88	1.00	.97	.94	.96	.94	.91	.92	.90	.89	.89	.87	.87	.87
2	1.01	.94	.88	.83	.99	.92	.87	.76	.89	.84	.80	.86	.82	.78	.83	.79	.77	.75	.75	.75	.75
3	.93	.84	.76	.71	.91	.82	.75	.66	.79	.73	.69	.77	.72	.68	.74	.70	.66	.64	.64	.64	.64
4	.86	.75	.67	.61	.84	.74	.66	.58	.71	.65	.60	.69	.63	.59	.67	.62	.58	.56	.56	.56	.56
5	.79	.68	.59	.53	.77	.67	.59	.51	.64	.58	.52	.63	.56	.52	.61	.55	.51	.49	.49	.49	.49
6	.74	.61	.53	.47	.72	.60	.52	.45	.59	.52	.46	.57	.51	.46	.55	.50	.46	.44	.44	.44	.44
7	.69	.56	.48	.42	.67	.55	.47	.41	.54	.47	.41	.52	.46	.41	.51	.45	.41	.39	.39	.39	.39
8	.64	.51	.43	.38	.63	.51	.43	.37	.49	.42	.37	.48	.42	.37	.47	.41	.37	.35	.35	.35	.35
9	.60	.47	.39	.34	.59	.47	.39	.33	.46	.39	.34	.44	.38	.34	.43	.38	.34	.32	.32	.32	.32
10	.56	.44	.36	.31	.55	.43	.36	.31	.42	.36	.31	.41	.35	.31	.40	.35	.31	.29	.29	.29	.29

#### Luminaire Report Summary

IESNA91  
 [TEST] 20160725-001  
 [TEST Date] 2016/7/25  
 [LUMCAT] TWL02D-50-30K-A  
 [LUMINAIRE] LED Track Lighting Fixture  
 [LAMPCAT] N/A  
 [LAMP] N/A  
 [Lamp Lumen] 4736.364  
 [MAX Value] 453.24  
 [MAX Value H Angle] 0.00  
 [MAX Value V Angle] 0.00  
 [Beam Angle] 89.41  
 [Field Angle] 137.85  
 [H0 ViewAngle] 89.41  
 [H90 ViewAngle] 94.41  
 [Power V,A,HZ,W,VA,PF,THDI] 120.0000,0.4240,60.000,50.9000,50.8800,1.0000,0.0000  
 [lm/W] 93.0523  
 [Other Info] N/A  
 FILE: CANDELA MULTIPLIER: 1  
 FILE: VERTICAL ANGLES: 46, HORIZONTAL ANGLES: 181  
 FILE: COORDINATE SYSTEM: TYPE C  
 FILE: UNIT OF MEASURE: METRIC  
 FILE: BALLAST FACTOR: 1

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 Reported data calculated from manufacturer's data file, based on IES recommended methods.