



Filename: TWL02S-30-30K-A

Luminaire: LED Track Lighting Fixture

Luminaire Cat: TWL02S-30-30K-A

Lamp: N/A

Lamp Cat: N/A

Lamp Output: 1 lamp, rated Lumens/lamp: 2578.9

Max Candela: 1,156.5 at Horizontal: 0°, Vertical: 2°

Input Wattage: 31.6

Luminous Opening: (L: 0", W: 11.81", H: 3.94")

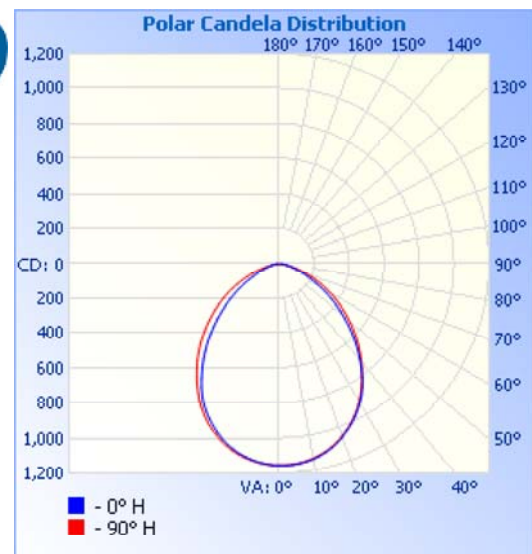
Test: 20160725-001

Photometry : Type C

CIE Class: Direct

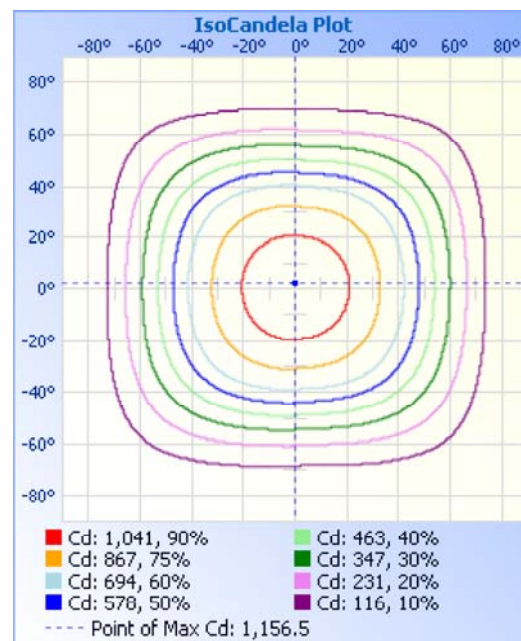
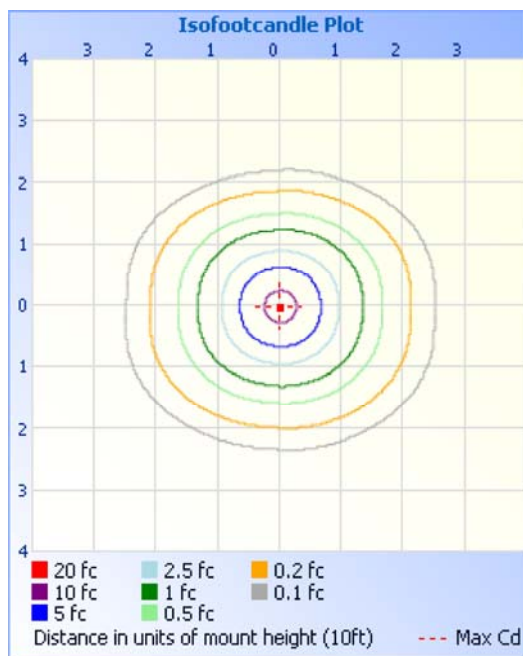
Cutoff Class: Cutoff

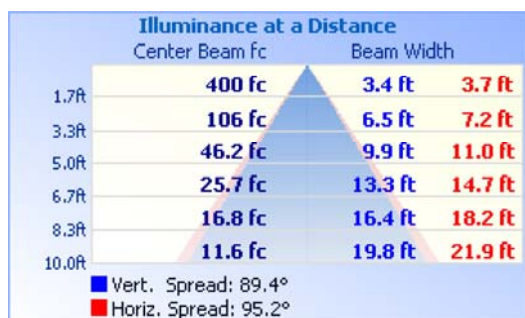
Nema Type: 7 X 7



Zonal Lumen Summary

Zone	Lumens	% Lamp	% Luminaire
0-30	870.8	33.8%	33.8%
0-40	1,384.1	53.7%	53.7%
0-60	2,231.2	86.5%	86.5%
60-90	348.3	13.5%	13.5%
0-90	2,579.5	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	1.07	1.04	1.00	.87	1.00	.97	.94	.96	.93	.91	.92	.90	.89	.89	.89	.87	.87
2	1.01	.94	.88	.83	.99	.92	.86	.75	.89	.84	.80	.85	.81	.78	.82	.79	.76	.76	.76	.74	.74
3	.93	.84	.76	.70	.91	.82	.75	.66	.79	.73	.68	.76	.71	.67	.74	.70	.66	.66	.66	.64	.64
4	.86	.75	.67	.60	.84	.73	.66	.57	.71	.64	.59	.69	.63	.59	.67	.62	.58	.58	.58	.56	.56
5	.79	.67	.59	.53	.77	.66	.58	.51	.64	.57	.52	.62	.56	.51	.60	.55	.51	.51	.51	.49	.49
6	.74	.61	.53	.47	.72	.60	.52	.45	.58	.51	.46	.57	.50	.46	.55	.50	.45	.45	.45	.43	.43
7	.68	.56	.47	.42	.67	.55	.47	.40	.53	.46	.41	.52	.46	.41	.51	.45	.41	.41	.41	.39	.39
8	.64	.51	.43	.37	.62	.50	.43	.37	.49	.42	.37	.48	.41	.37	.47	.41	.37	.37	.37	.35	.35
9	.60	.47	.39	.34	.58	.46	.39	.33	.45	.38	.34	.44	.38	.33	.43	.38	.33	.33	.33	.32	.32
10	.56	.44	.36	.31	.55	.43	.36	.30	.42	.35	.31	.41	.35	.31	.40	.35	.30	.30	.30	.29	.29

Luminaire Report Summary

IESNA91
 [TEST] 20160725-001
 [TEST Date] 2016/7/25
 [LUMCAT] TWL02S-30-30K-A
 [LUMINAIRE] LED Track Lighting Fixture
 [LAMPCAT] N/A
 [LAMP] N/A
 [Lamp Lumen] 2578.944
 [MAX Value] 448.43
 [MAX Value H Angle] 0.00
 [MAX Value V Angle] 2.00
 [Beam Angle] 89.43
 [Field Angle] 138.56
 [H0 ViewAngle] 89.43
 [H90 ViewAngle] 95.25
 [Power V,A,HZ,W,VA,PF,THDI] 120.0000,0.2610,60.000,31.6000,31.3200,1.0000,0.0000
 [lm/W] 81.6121
 [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.