

Photometrics Pro

Luminaire Photometric Report

Filename: **8970**

Luminaire Cat: CCT: 3049K, CRI: 94.9Ra

Lamp: LED_IS Module

Lamp Output: 1 lamp, total luminaire Lumens: 426.9

Max Candela: 151.2 at Horizontal: 180°, Vertical: 25°

Input Wattage: 9.2

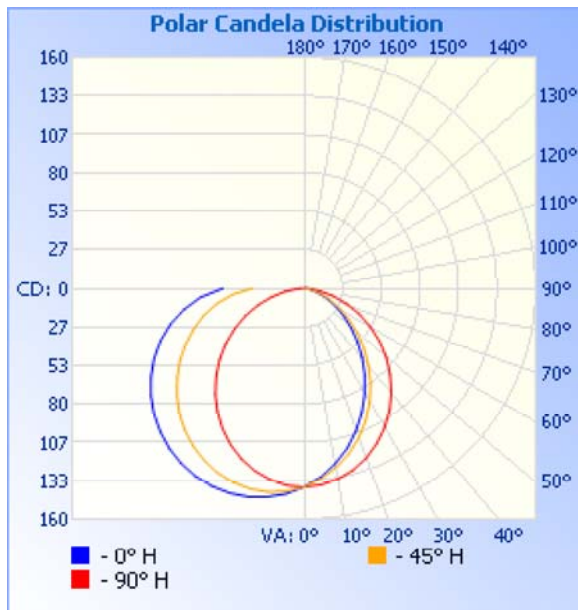
Luminous Opening: Point

Test Date: 2015-07-15

Photometry : Type C

Cutoff Class: Noncutoff

Nema Type: 7 X 5

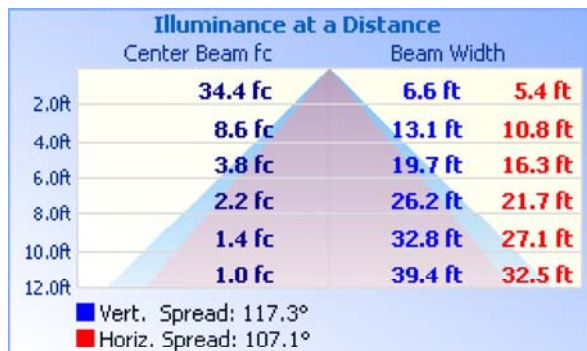


Zonal Lumen Summary

Zone	Lumens	% Luminaire
0-30	105.6	24.7%
0-40	172.4	40.4%
0-60	307.1	71.9%
60-90	119.9	28.1%
0-90	426.9	100%

Flood Summary

	Efficiency	Lumens	Horizontal Spread	Vertical Spread
Field (10%):	98.5%	420.6	159.3	92.6
Beam (50%):	73.3%	313.0	107.1	117.3
Total:	100%	426.9		



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	50	30	20	50	30	20	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	1.00			
1	1.07	1.01	.96	.91	1.04	.99	.94	.81	.94	.90	.87	.90	.87	.84	.87	.84	.82	.79			
2	.96	.87	.79	.73	.94	.85	.78	.66	.81	.76	.70	.78	.73	.69	.75	.71	.67	.65			
3	.87	.76	.67	.60	.85	.74	.66	.56	.71	.64	.58	.68	.62	.57	.66	.61	.56	.54			
4	.80	.67	.58	.51	.78	.66	.57	.48	.63	.55	.49	.61	.54	.49	.59	.53	.48	.46			
5	.73	.60	.50	.43	.71	.59	.50	.41	.56	.49	.43	.54	.47	.42	.53	.46	.42	.39			
6	.68	.54	.44	.38	.66	.53	.44	.36	.51	.43	.37	.49	.42	.37	.48	.41	.36	.34			
7	.63	.49	.40	.33	.61	.48	.39	.32	.46	.39	.33	.45	.38	.33	.43	.37	.32	.30			
8	.58	.44	.36	.30	.57	.44	.35	.29	.42	.35	.29	.41	.34	.29	.40	.34	.29	.27			
9	.55	.41	.32	.27	.53	.40	.32	.26	.39	.32	.26	.38	.31	.26	.37	.31	.26	.24			
10	.51	.38	.30	.24	.50	.37	.29	.24	.36	.29	.24	.35	.28	.24	.34	.28	.24	.22			

Luminaire Report Summary

IESNA:LM-63-1995
[TEST]
[DATE] 2015-07-15
[MANUFAC]
[LUMCAT] CCT: 3049K, CRI: 94.9Ra
[LUMINAIRE] 8970
[LAMPCAT]
[LAMP] LED_IS Module

FILE: CREATED USING ABSOLUTE PHOTOMETRY
FILE: CANDELA MULTIPLIER: 1
FILE: VERTICAL ANGLES: 19, HORIZONTAL ANGLES: 73
FILE: COORDINATE SYSTEM: TYPE C
FILE: UNIT OF MEASURE: METRIC
FILE: BALLAST FACTOR: 1

Photometrics Pro 1.3.27 copyright 2003-2016 by jSolutions, Inc.
Reported data calculated from manufacturer's data file, based on IES recommended methods.