

STANPRO

Lighting Systems Inc. | Systèmes d'éclairage Inc.

Filename: MR16-12V-06W-LED

Manufacturer: STANPRO LIGHTING SYSTEMS INC. ST-LAURENT, QUEBEC

Luminaire: STANPRO 12V MR16 EMERGENCY LED LAMP WITH INDIVIDUAL LED LENS OPTICS

Luminaire Cat: MR16-12V-06W-LED

Lamp: FOUR WHITE LEDS. LUMEN OUTPUT = 570 LMS.

Lamp Output: Total luminaire Lumens: 569.6

Max Candela: 1,721.9 at Horizontal: 0°, Vertical: 0°

Input Wattage: 5.6

Luminous Opening: Point

Test: J090C

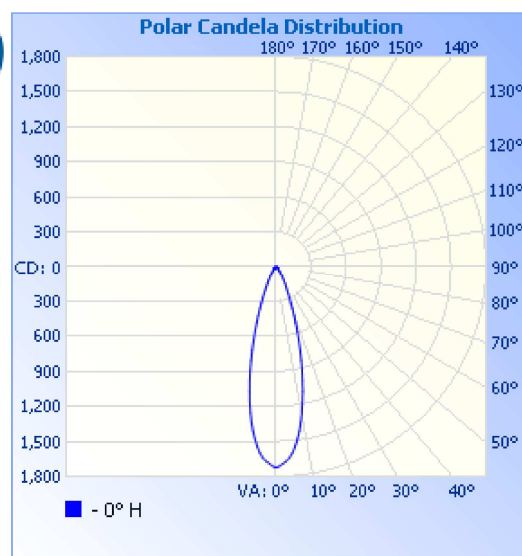
Test Lab: Lumentra, Inc. 160 Frobisher Drive, Unit 5 Waterloo, Ontario NVLAP LAB CODE 500084-0

Photometry : Type C

CIE Class: Direct

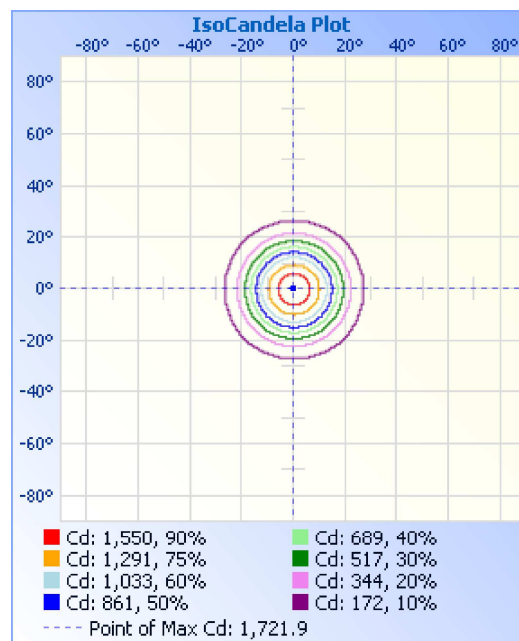
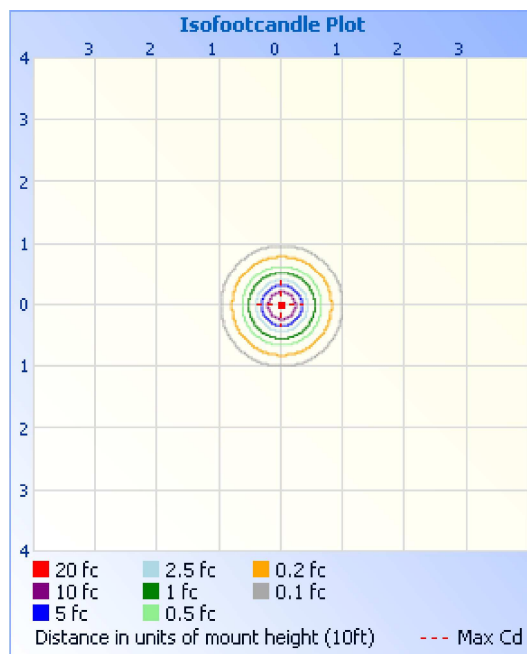
Cutoff Class: Full Cutoff

Nema Type: 4 X 4



Zonal Lumen Summary

Zone	Lumens	% Luminaire
0-30	473.8	83.2%
0-40	514.7	90.4%
0-60	551.4	96.8%
60-90	18.2	3.2%
70-100	6.6	1.2%
90-120	0	0%
0-90	569.6	100%
90-180	0	0%
0-180	569.6	100%



Illuminance at a Distance		
	Center Beam fc	Beam Width
3.0ft	191 fc	1.6 ft
6.0ft	47.8 fc	3.1 ft
9.0ft	21.3 fc	4.7 ft
12.0ft	12.0 fc	6.3 ft
15.0ft	7.65 fc	7.9 ft
18.0ft	5.31 fc	9.4 ft
■ Beam Spread: 29.3°		

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	1.02	1.00
1	1.14	1.11	1.09	1.07	1.11	1.09	1.07	.95	1.05	1.04	1.02	1.01	1.00	.99	.98	.97	.96	.96	.96	.96	.94
2	1.09	1.05	1.01	.98	1.07	1.03	.99	.90	1.00	.97	.95	.97	.94	.93	.94	.92	.91	.89	.89	.89	.89
3	1.04	.99	.94	.91	1.02	.97	.93	.85	.95	.91	.88	.92	.89	.87	.90	.88	.86	.84	.84	.84	.84
4	1.00	.94	.89	.85	.98	.92	.88	.81	.90	.86	.83	.88	.85	.82	.87	.84	.82	.80	.80	.80	.80
5	.96	.89	.84	.80	.95	.88	.83	.77	.86	.82	.79	.85	.81	.78	.83	.80	.78	.76	.76	.76	.76
6	.93	.85	.80	.76	.91	.84	.79	.74	.83	.79	.75	.81	.78	.75	.80	.77	.74	.73	.73	.73	.73
7	.89	.81	.76	.73	.88	.81	.76	.71	.80	.75	.72	.78	.75	.72	.77	.74	.71	.70	.70	.70	.70
8	.86	.78	.73	.70	.85	.78	.73	.69	.77	.72	.69	.76	.72	.69	.75	.71	.69	.67	.67	.67	.67
9	.83	.75	.70	.67	.82	.75	.70	.66	.74	.70	.67	.73	.69	.66	.72	.69	.66	.65	.65	.65	.65
10	.81	.72	.68	.64	.80	.72	.67	.64	.71	.67	.64	.71	.67	.64	.70	.66	.64	.63	.63	.63	.63

Luminaire Report Summary

IESNA:LM-63-2002
 [TEST] J090C
 [TESTLAB] Lumentra, Inc.
 [MORE] 160 Frobisher Drive, Unit 5
 [MORE] Waterloo, Ontario
 [MORE] NVLAP LAB CODE 500084-0
 [ISSUEDATE] 11-19-2014
 [MANUFAC] STANPRO LIGHTING SYSTEMS INC.
 [MORE] ST-LAURENT, QUEBEC
 [LUMCAT] MR16-12V-06W-LED
 [LUMINAIRE] STANPRO 12V MR16 EMERGENCY LED LAMP
 [MORE] WITH INDIVIDUAL LED LENS OPTICS
 [LAMP] FOUR WHITE LEDS. LUMEN OUTPUT = 570 LMS.
 [OTHER] ABSOLUTE PHOTOMETRY
 [OTHER] GENERATED FROM MR16-12V-05W-LED
 [_PF] 1
 [_TEMPERATURE] 24.2
 [_STABILIZATION] 1 HOUR
 [_LUMENS] 570

FILE: CREATED USING ABSOLUTE PHOTOMETRY
 FILE: CANDELA MULTIPLIER: 1.5812
 FILE: VERTICAL ANGLES: 91, HORIZONTAL ANGLES: 1
 FILE: COORDINATE SYSTEM: TYPE C
 FILE: UNIT OF MEASURE: STANDARD
 FILE: BALLAST FACTOR: 1

Photometrics Pro 1.3.29 copyright 2003-2015 by jSolutions, Inc.
 Reported data calculated from manufacturer's data file, based on IES recommended methods.