

STANPRO

Lighting Systems Inc. | Systèmes d'éclairage Inc.

Filename: TL9202-15-3-S16°-A

Manufacturer: STANPRO LIGHTING SYSTEMS INC. DORVAL, QUEBEC

Luminaire: STANPRO 15W LED SPOT TRACK HEAD WITH SPECULAR FACETED REFLECTOR AND CLEAR LENS

Luminaire Cat: TL9202-15-3-S16-A

Lamp: ONE WHITE ARRAY LED. LUMEN OUTPUT = 1078 LMS.

Lamp Output: Total luminaire Lumens: 1078.6

Max Candela: 8,034.0 at Horizontal: 0°, Vertical: 0°

Input Wattage: 14.72

Luminous Opening: Circular (Dia: 1.8")

Test: J136C

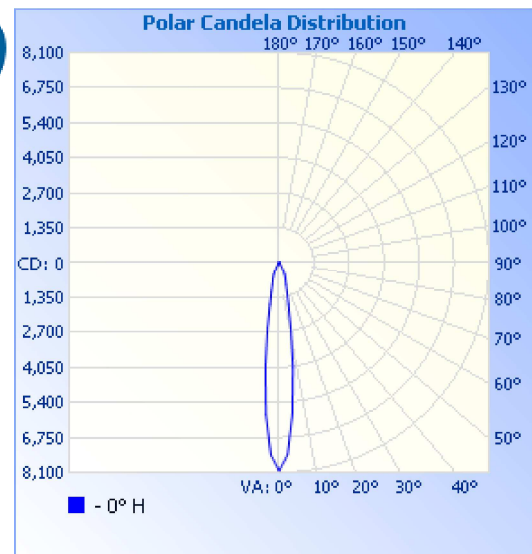
Test Lab: Lumentra, Inc. 160 Frobisher Drive, Unit 5 Waterloo, Ontario NVLAP LAB CODE 500084-0

Photometry : Type C

CIE Class: Direct

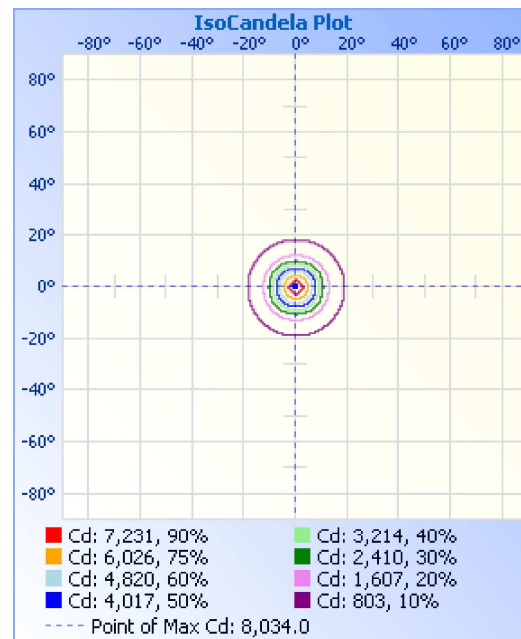
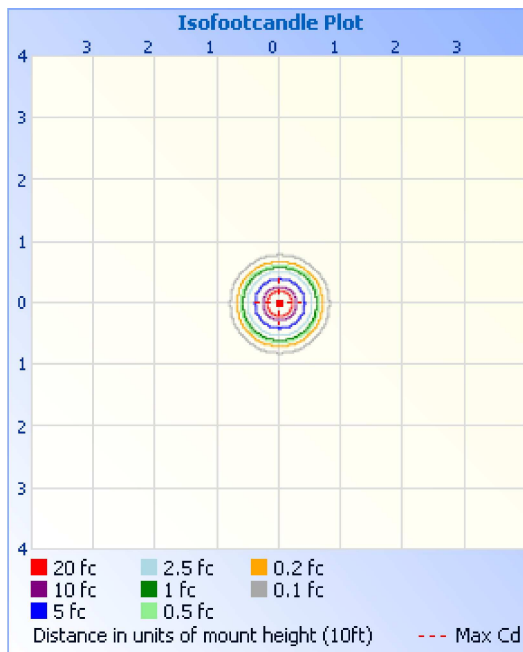
Cutoff Class: Full Cutoff

Nema Type: 3 X 3



Zonal Lumen Summary

Zone	Lumens	% Luminaire
0-30	1,003.9	93.1%
0-40	1,039.3	96.4%
0-60	1,058.7	98.2%
60-90	19.9	1.8%
70-100	8.5	0.8%
90-120	0	0%
0-90	1,078.6	100%
90-180	0	0%
0-180	1,078.6	100%



Illuminance at a Distance		
	Center Beam fc	Beam Width
3.0ft	893 fc	0.8 ft
6.0ft	223 fc	1.6 ft
9.0ft	99.2 fc	2.4 ft
12.0ft	55.8 fc	3.2 ft
15.0ft	35.7 fc	4.0 ft
18.0ft	24.8 fc	4.8 ft
■ Beam Spread: 15.2°		

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	1.15	1.13	1.11	1.09	1.12	1.10	1.09	.96	1.06	1.05	1.04	1.03	1.02	1.01	.99	.99	.98	.98	.98	.98	.96
2	1.11	1.07	1.04	1.01	1.09	1.05	1.03	.93	1.02	1.00	.98	.99	.98	.96	.97	.95	.94	.94	.92	.91	.89
3	1.07	1.02	.99	.96	1.05	1.01	.98	.90	.98	.96	.93	.96	.94	.92	.94	.92	.91	.89	.87	.86	.84
4	1.04	.98	.94	.91	1.02	.97	.93	.87	.95	.92	.89	.93	.91	.88	.92	.89	.87	.85	.84	.82	.81
5	1.01	.95	.90	.87	.99	.94	.90	.84	.92	.89	.86	.91	.88	.85	.89	.87	.85	.84	.82	.81	.79
6	.98	.91	.87	.84	.97	.91	.87	.82	.89	.86	.83	.88	.85	.83	.87	.84	.82	.80	.78	.77	.75
7	.95	.88	.84	.81	.94	.88	.84	.80	.87	.83	.81	.86	.83	.80	.85	.82	.80	.78	.76	.75	.73
8	.93	.86	.82	.79	.92	.85	.81	.78	.84	.81	.78	.84	.80	.78	.83	.80	.78	.76	.75	.73	.71
9	.90	.83	.79	.77	.89	.83	.79	.76	.82	.79	.76	.81	.78	.76	.81	.78	.76	.75	.73	.71	.69
10	.88	.81	.77	.75	.87	.81	.77	.74	.80	.77	.74	.80	.76	.74	.79	.76	.74	.73	.71	.69	.67

Luminaire Report Summary

IESNA:LM-63-2002
 [TEST] J136C
 [TESTLAB] Lumentra, Inc.
 [MORE] 160 Frobisher Drive, Unit 5
 [MORE] Waterloo, Ontario
 [MORE] NVLAP LAB CODE 500084-0
 [ISSUEDATE] 12-09-2014
 [MANUFAC] STANPRO LIGHTING SYSTEMS INC.
 [MORE] DORVAL, QUEBEC
 [LUMCAT] TL9202-15-3-S16-A
 [LUMINAIRE] STANPRO 15W LED SPOT TRACK HEAD
 [MORE] WITH SPECULAR FACETED REFLECTOR AND CLEAR LENS
 [LAMP] ONE WHITE ARRAY LED. LUMEN OUTPUT = 1078 LMS.
 [OTHER] 120V LED DRIVER
 [OTHER] ABSOLUTE PHOTOMETRY
 [_VOLTAGE] 120 VRMS
 [_CURRENT] 0.124 ARMS
 [_WATTAGE] 14.72
 [_PF] 0.989
 [_TEMPERATURE] 25.1
 [_STABILIZATION] 1 HOUR 15 MINUTES
 [_LUMENS] 1078
 [_EFFICACY] 73.2

FILE: CREATED USING ABSOLUTE PHOTOMETRY
 FILE: CANDELA MULTIPLIER: 1
 FILE: VERTICAL ANGLES: 37, HORIZONTAL ANGLES: 1
 FILE: COORDINATE SYSTEM: TYPE C
 FILE: UNIT OF MEASURE: STANDARD
 FILE: BALLAST FACTOR: 1

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