

# STANPRO

Lighting Systems Inc. | Systèmes d'éclairage Inc.

**Filename:** TL9202-15-3-F37°-A

**Manufacturer:** STANPRO LIGHTING SYSTEMS INC. DORVAL, QUEBEC

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

**Luminaire Cat:** TL9202-15-3-F37-A

**Lamp:** ONE WHITE ARRAY LED. LUMEN OUTPUT = 1051 LMS.

**Lamp Output:** Total luminaire Lumens: 1052.8

**Max Candela:** 2,515.0 at Horizontal: 0°, Vertical: 0°

**Input Wattage:** 14.97

**Luminous Opening:** Circular (Dia: 1.8")

**Test:** J138C

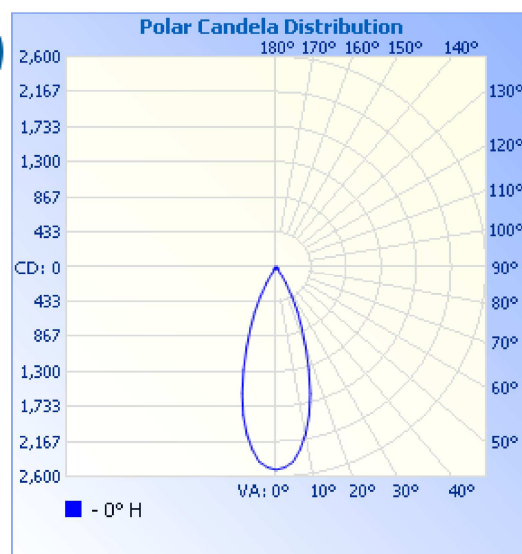
**Test Lab:** Lumentra, Inc. 160 Frobisher Drive, Unit 5 Waterloo, Ontario NVLAP LAB CODE 500084-0

**Photometry :** Type C

**CIE Class:** Direct

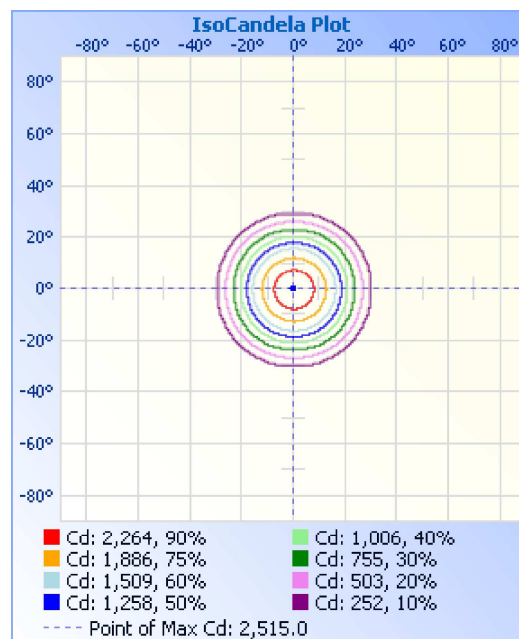
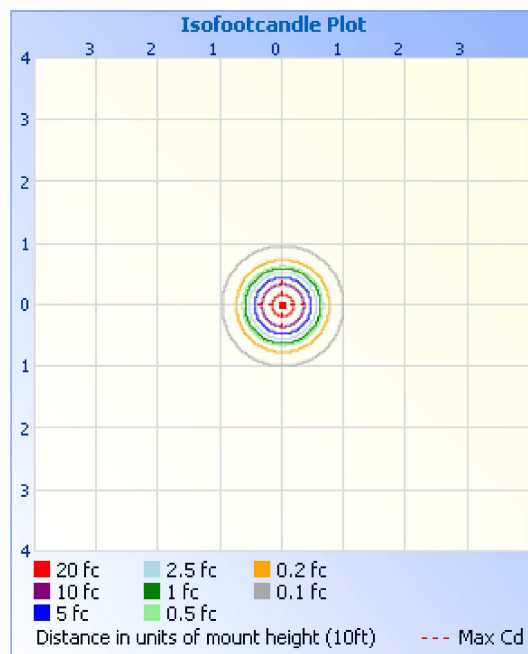
**Cutoff Class:** Full Cutoff

**Nema Type:** 4 X 4



## Zonal Lumen Summary

Zone	Lumens	% Luminaire
0-30	941.9	89.5%
0-40	988.1	93.8%
0-60	1,026.7	97.5%
60-90	26.1	2.5%
70-100	11.8	1.1%
90-120	0	0%
0-90	1,052.8	100%
90-180	0	0%
0-180	1,052.8	100%



Illuminance at a Distance		
	Center Beam fc	Beam Width
3.0ft	<b>279 fc</b>	<b>2.0 ft</b>
6.0ft	<b>69.9 fc</b>	<b>4.0 ft</b>
9.0ft	<b>31.0 fc</b>	<b>5.9 ft</b>
12.0ft	<b>17.5 fc</b>	<b>7.9 ft</b>
15.0ft	<b>11.2 fc</b>	<b>9.9 ft</b>
18.0ft	<b>7.76 fc</b>	<b>11.9 ft</b>
■ Beam Spread: 36.6°		

#### 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	1.12	1.09	1.07	1.12	1.09	1.07	.95	1.05	1.04	1.02	1.02	1.00	.99	.98	.97	.96	.95	.94	.93	.91
2	1.09	1.05	1.01	.98	1.07	1.03	1.00	.90	1.00	.97	.95	.97	.95	.93	.94	.93	.91	.90	.89	.88	.86
3	1.05	.99	.95	.91	1.03	.98	.94	.86	.95	.92	.89	.93	.90	.88	.91	.88	.86	.85	.84	.83	.81
4	1.01	.94	.89	.86	.99	.93	.89	.82	.91	.87	.84	.89	.86	.83	.87	.85	.82	.81	.79	.78	.77
5	.97	.90	.85	.81	.95	.89	.84	.78	.87	.83	.80	.85	.82	.79	.84	.81	.79	.77	.76	.75	.74
6	.93	.86	.80	.77	.92	.85	.80	.75	.83	.79	.76	.82	.78	.76	.81	.78	.75	.74	.73	.72	.71
7	.90	.82	.77	.73	.88	.81	.76	.72	.80	.76	.73	.79	.75	.72	.78	.75	.72	.71	.70	.69	.68
8	.86	.79	.74	.70	.85	.78	.73	.69	.77	.73	.70	.76	.72	.69	.75	.72	.69	.68	.67	.66	.65
9	.83	.75	.70	.67	.82	.75	.70	.66	.74	.70	.67	.73	.69	.67	.73	.69	.66	.65	.64	.63	.62
10	.81	.73	.68	.65	.80	.72	.68	.64	.71	.67	.64	.71	.67	.64	.70	.67	.64	.63	.62	.61	.60

#### Luminaire Report Summary

IESNA:LM-63-2002  
 [TEST] J138C  
 [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-F37-A  
 [LUMINAIRE] STANPRO 15W LED FLOOD TRACK HEAD  
 [MORE] WITH SPECULAR FACETED REFLECTOR AND CLEAR LENS  
 [LAMP] ONE WHITE ARRAY LED. LUMEN OUTPUT = 1051 LMS.  
 [OTHER] 120V LED DRIVER  
 [OTHER] ABSOLUTE PHOTOMETRY  
 [\_VOLTAGE] 120 VRMS  
 [\_CURRENT] 0.126 ARMS  
 [\_WATTAGE] 14.97  
 [\_PF] 0.99  
 [\_TEMPERATURE] 24.8  
 [\_STABILIZATION] 1 HOUR 15 MINUTES  
 [\_LUMENS] 1051  
 [\_EFFICACY] 70.2

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.