

STANPRO

Lighting Systems Inc. | Systèmes d'éclairage Inc.

Filename: HXS-LS1-H-40K

Manufacturer: STANPRO LIGHTING SYSTEMS INC. DORVAL, QUEBEC

Luminaire: STANPRO LED LUMINAIRE LARGE LENS OPTIC, TRANSLUCENT REFLECTOR/REFRACTOR, TRANSLUCENT BOTTOM

Luminaire Cat: HXS-LS1-H/40K

Lamp: ONE WHITE ARRAY LED. LUMEN OUTPUT = 3521 LMS.

Lamp Output: Total luminaire Lumens: 3521.4

Max Candela: 3,302.6 at Horizontal: 0°, Vertical: 5°

Input Wattage: 36.52

Luminous Opening: Vertical Cylinder (Dia : 19.12", H: 10.5")

Test: J892C

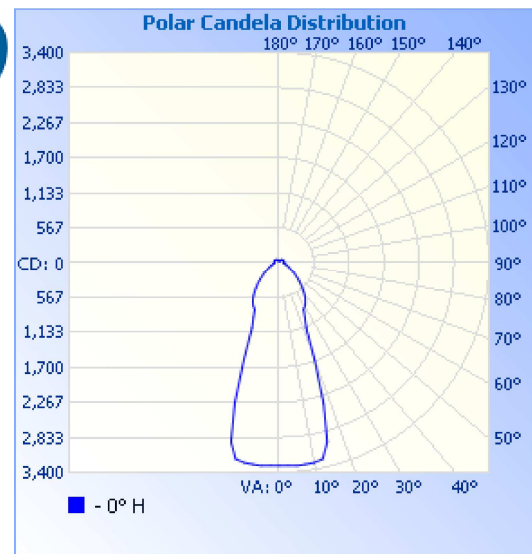
Test Lab: Lumentra, Inc. 160 Frobisher Drive, Unit 5 Waterloo, Ontario NVLAP LAB CODE 500084-0

Photometry : Type C

CIE Class: Semi-Direct

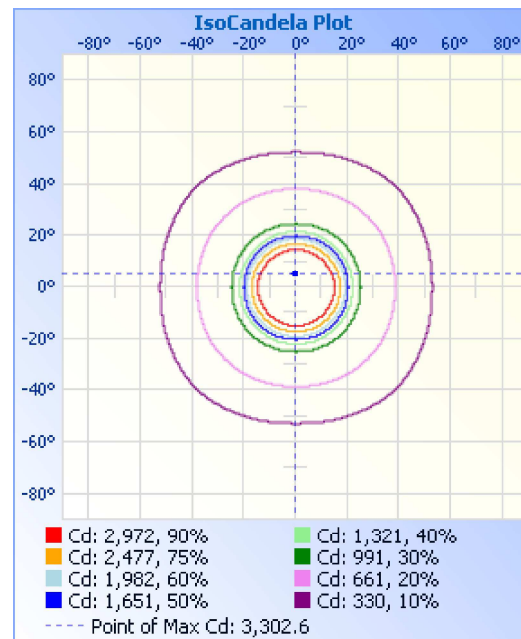
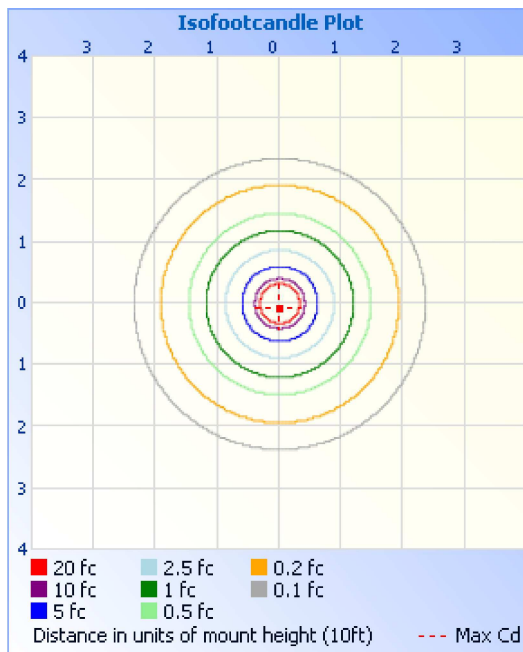
Cutoff Class: Cutoff

Nema Type: 6 X 6



Zonal Lumen Summary

Zone	Lumens	% Luminaire
0-30	1,556.7	44.2%
0-40	2,015.9	57.2%
0-60	2,660.7	75.6%
60-90	396.1	11.2%
70-100	296.3	8.4%
90-120	251.5	7.1%
0-90	3,056.8	86.8%
90-180	464.6	13.2%
0-180	3,521.4	100%



Illuminance at a Distance			
	Center Beam fc	Beam Width	
1.7ft	1,138 fc	1.2 ft	1.2 ft
3.3ft	302 fc	2.3 ft	2.4 ft
5.0ft	132 fc	3.5 ft	3.7 ft
6.7ft	73.3 fc	4.7 ft	4.9 ft
8.3ft	47.7 fc	5.9 ft	6.1 ft
10.0ft	32.9 fc	7.1 ft	7.3 ft
<div> <div></div> <div>Vert. Spread: 39.0°</div> </div> <div> <div></div> <div>Horiz. Spread: 40.2°</div> </div>			

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	50	30	20	0			
RCR: 0		1.16	1.16	1.16	1.16	1.12	1.12	1.12	.87	1.04	1.04	1.04	.97	.97	.97	.90	.90	.90	.87	.87	.87	.87			
1		1.07	1.03	1.00	.96	1.03	1.00	.97	.76	.93	.91	.88	.87	.85	.83	.82	.80	.79	.76	.75	.72	.70	.67		
2		1.00	.93	.87	.83	.96	.90	.85	.68	.85	.80	.77	.79	.76	.73	.75	.72	.70	.67	.66	.63	.60	.57		
3		.93	.84	.78	.72	.90	.82	.76	.61	.77	.72	.68	.73	.69	.65	.69	.66	.63	.60	.57	.55	.52	.49		
4		.87	.77	.70	.64	.84	.75	.68	.56	.71	.65	.61	.67	.63	.59	.64	.60	.57	.55	.52	.49	.46	.43		
5		.81	.71	.63	.58	.79	.69	.62	.51	.66	.60	.55	.62	.58	.54	.59	.55	.52	.50	.47	.44	.41	.38		
6		.76	.65	.58	.53	.74	.64	.57	.47	.61	.55	.51	.58	.53	.49	.56	.51	.48	.46	.43	.40	.37	.34		
7		.72	.61	.54	.49	.70	.60	.53	.44	.57	.51	.47	.54	.49	.46	.52	.48	.45	.43	.40	.37	.34	.31		
8		.68	.57	.50	.45	.66	.56	.49	.41	.53	.48	.43	.51	.46	.42	.49	.45	.42	.40	.37	.34	.31	.28		
9		.64	.53	.46	.42	.63	.52	.46	.39	.50	.45	.41	.48	.43	.40	.47	.42	.39	.37	.34	.31	.28	.25		
10		.61	.50	.44	.39	.60	.49	.43	.36	.47	.42	.38	.46	.41	.37	.44	.40	.37	.35	.32	.29	.26	.23		

Luminaire Report Summary

IESNA:LM-63-2002
 [TEST] J892C
 [TESTLAB] Lumentra, Inc.
 [MORE] 160 Frobisher Drive, Unit 5
 [MORE] Waterloo, Ontario
 [MORE] NVLAP LAB CODE 500084-0
 [ISSUEDATE] 07-13-2015
 [MANUFAC] STANPRO LIGHTING SYSTEMS INC.
 [MORE] DORVAL, QUEBEC
 [LUMCAT] HXS-LS1-H/40K
 [LUMINAIRE] STANPRO LED LUMINAIRE
 [MORE] LARGE LENS OPTIC, TRANSLUCENT REFLECTOR/REFRACTOR, TRANSLUCENT BOTTOM
 [LAMP] ONE WHITE ARRAY LED. LUMEN OUTPUT = 3521 LMS.
 [OTHER] ABSOLUTE PHOTOMETRY
 [OTHER] GENERATED FROM HXZ-LS3-H-27K

FILE: CREATED USING ABSOLUTE PHOTOMETRY
 FILE: CANDELA MULTIPLIER: 0.50529
 FILE: VERTICAL ANGLES: 73, 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.