



Lighting Systems Inc. | Systèmes d'éclairage Inc.

Filename: L1KOL-3LS2-W-40K

Manufacturer: STANPRO LIGHTING SYSTEMS

Luminaire: Kolika Led 3 Ft

Luminaire Cat: L1KOL-3LS2-W/40K

Lamp: (1 PCB of 144 LED's + 1 PCB of 72 LED's - L130-4080) c/w Advance Driver XI020C056V054BST1 @ 120.00V

Lamp Output: Total luminaire Lumens: 1504.2

Max Candela: 564.0 at Horizontal: 0°, Vertical: 0°

Input Wattage: 16.73

Luminous Opening: Rectangle (L: 35.25", W: 3.59")

Test: S1604131-R1

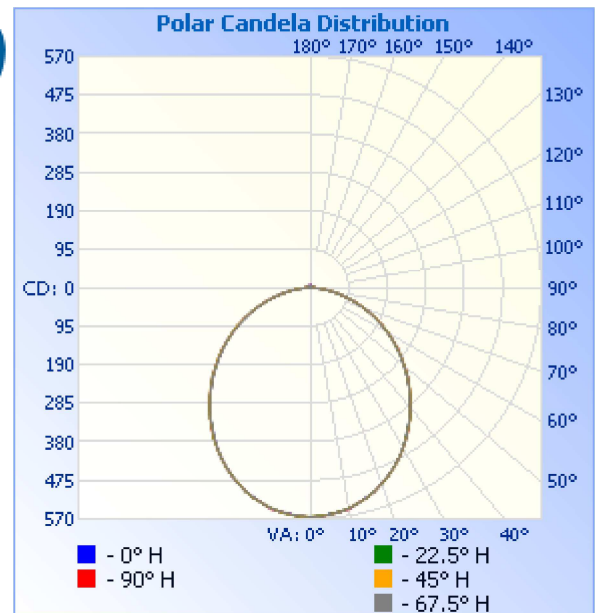
Test Lab: Spectra Lux Industries Inc.

Photometry : Type C

CIE Class: Direct

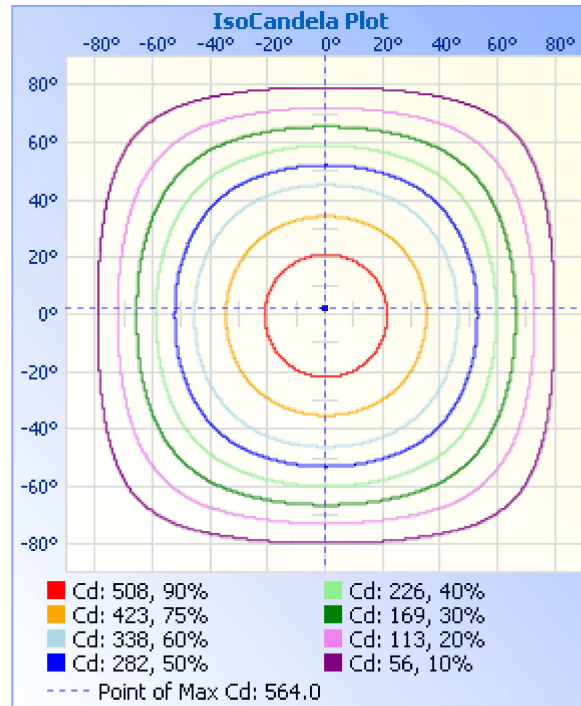
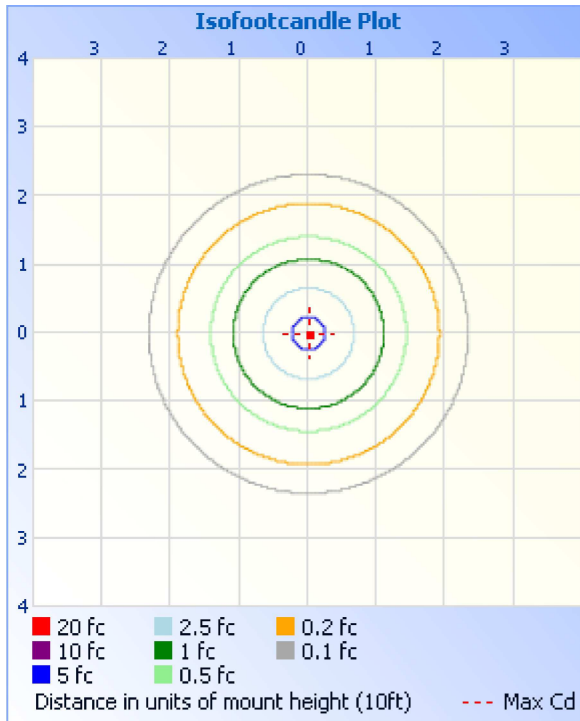
Cutoff Class: Cutoff

Nema Type: 7 X 7



Zonal Lumen Summary

Zone	Lumens	% Luminaire
0-30	428.9	28.5%
0-40	692.8	46.1%
0-60	1,193.6	79.4%
60-90	296.8	19.7%
70-100	123.5	8.2%
90-120	6.1	0.4%
0-90	1,490.5	99.1%
90-180	13.7	0.9%
0-180	1,504.2	100%



Illuminance at a Distance			
	Center Beam fc	Beam Width	
1.7ft	195 fc	4.4 ft	4.5 ft
3.3ft	51.8 fc	8.6 ft	8.6 ft
5.0ft	22.6 fc	13.1 ft	13.1 ft
6.7ft	12.6 fc	17.5 ft	17.5 ft
8.3ft	8.19 fc	21.7 ft	21.7 ft
10.0ft	5.64 fc	26.1 ft	26.2 ft
<div> <div></div> Vert. Spread: 105.2° <div></div> Horiz. Spread: 105.3° </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	1.19	1.19	1.19	1.19	1.16	1.16	1.16	.99	1.11	1.11	1.11		1.06	1.06	1.06		1.01	1.01	1.01					.99
1	1.09	1.04	1.00	.96	1.06	1.02	.98	.84	.97	.94	.91		.93	.91	.88		.90	.87	.86					.83
2	.99	.91	.84	.79	.96	.89	.83	.71	.85	.80	.76		.82	.78	.74		.79	.75	.72					.70
3	.90	.80	.72	.66	.88	.78	.71	.61	.75	.69	.64		.72	.67	.62		.70	.65	.61					.59
4	.83	.71	.62	.56	.80	.70	.62	.52	.67	.60	.54		.65	.58	.54		.62	.57	.53					.51
5	.76	.64	.55	.48	.74	.62	.54	.46	.60	.53	.47		.58	.52	.47		.56	.50	.46					.44
6	.70	.57	.48	.42	.69	.56	.48	.40	.54	.47	.41		.53	.46	.41		.51	.45	.41					.38
7	.65	.52	.43	.37	.64	.51	.43	.36	.50	.42	.37		.48	.41	.36		.47	.41	.36					.34
8	.61	.47	.39	.33	.59	.47	.39	.32	.45	.38	.33		.44	.37	.33		.43	.37	.32					.30
9	.57	.44	.35	.30	.55	.43	.35	.29	.42	.35	.30		.41	.34	.29		.40	.34	.29					.27
10	.53	.40	.32	.27	.52	.40	.32	.27	.39	.32	.27		.38	.31	.27		.37	.31	.27					.25

Luminaire Report Summary

IESNA:LM-63-2002
 [ISSUEDATE] 13 April 2016
 [TESTLAB] Spectra Lux Industries Inc.
 [TEST] S1604131-R1
 [MANUFAC] STANPRO LIGHTING SYSTEMS
 [LUMCAT] L1KOL-3LS2-W/40K
 [LUMINAIRE] Kolika Led 3 Ft
 [LAMP] (1 PCB of 144 LED's + 1 PCB of 72 LED's - L130-4080) c/w Advance Driver
 XI020C056V054BST1 @ 120.00V
 [_BURNING] Vertical Base Up (1,500 Luminaire Lumens)
 [_REFLECTOR] White Painted Aluminum Plate
 [_LENS] OPAL Polycarbonate
 [_HOUSING] Extruded Aluminum
 [_REPORTMODULE] Indoor Linear Report

FILE: CREATED USING ABSOLUTE PHOTOMETRY
 FILE: CANDELA MULTIPLIER: 1
 FILE: VERTICAL ANGLES: 73, HORIZONTAL ANGLES: 9
 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.