



Lighting Systems Inc. | Systèmes d'éclairage Inc.

**Filename:** L1KOL-2LS2-W-40K

**Manufacturer:** STANPRO LIGHTING SYSTEMS

**Luminaire:** Kolika Led 2 Ft

**Luminaire Cat:** L1KOL-2LS2-W/40K

**Lamp:** (1 PCB of 72 LED's - L130-4080001400001(J5DW)) c/w Advance Driver XI020C056V054BST1 @ 120.00V

**Lamp Output:** Total luminaire Lumens: 1007

**Max Candela:** 366.0 at Horizontal: 22.5°, Vertical: 2.5°

**Input Wattage:** 11.83

**Luminous Opening:** Rectangle (L: 23.76", W: 3.59")

**Test:** S1604132-R1

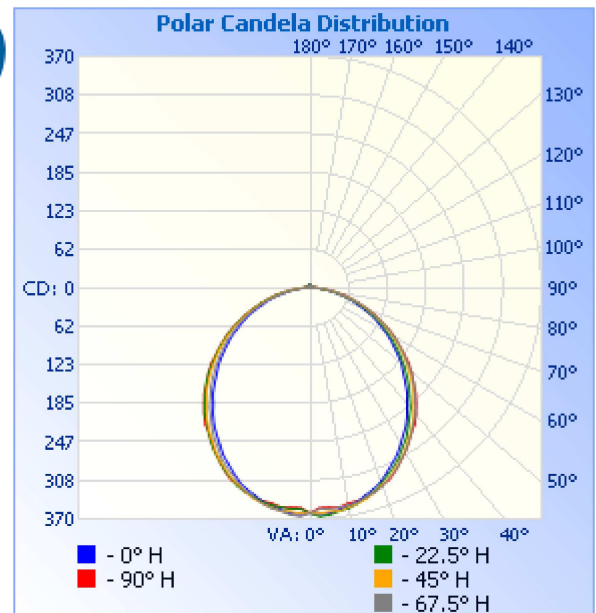
**Test Lab:** Spectra Lux Industries Inc.

**Photometry :** Type C

**CIE Class:** Direct

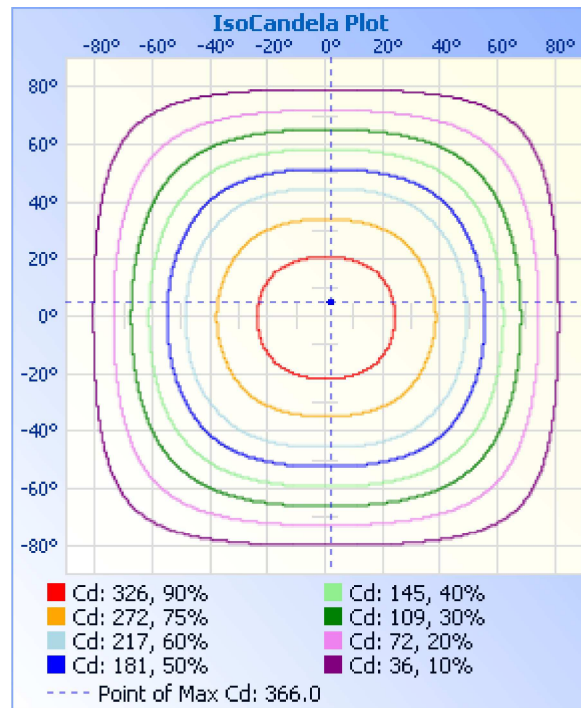
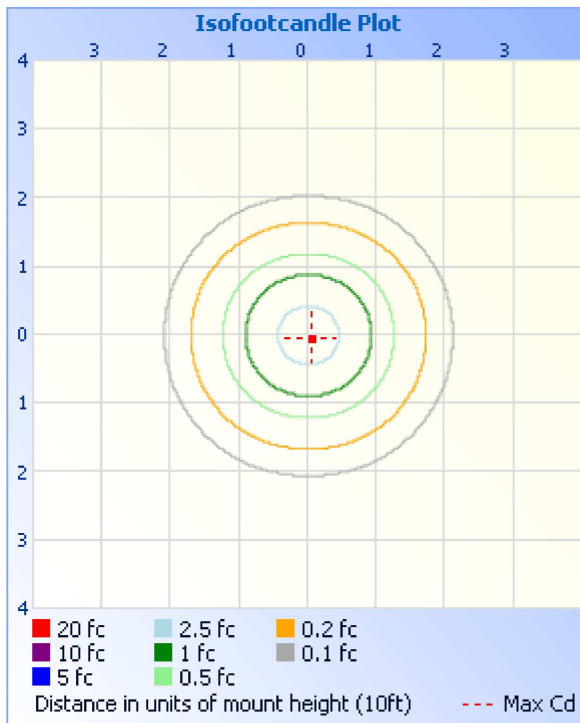
**Cutoff Class:** Cutoff

**Nema Type:** 7 X 7



#### Zonal Lumen Summary

Zone	Lumens	% Luminaire
0-30	278.7	27.7%
0-40	452.8	45%
0-60	787.9	78.2%
60-90	205.5	20.4%
70-100	89.4	8.9%
90-120	6.4	0.6%
0-90	993.4	98.6%
90-180	13.7	1.4%
0-180	1,007.0	100%



Illuminance at a Distance			
	Center Beam fc	Beam Width	
1.7ft	125 fc	4.3 ft	4.9 ft
3.3ft	33.1 fc	8.4 ft	9.5 ft
5.0ft	14.4 fc	12.7 ft	14.4 ft
6.7ft	8.02 fc	17.1 ft	19.2 ft
8.3ft	5.23 fc	21.1 ft	23.8 ft
10.0ft	3.60 fc	25.5 ft	28.7 ft

■ Vert. Spread: 103.7°  
■ Horiz. Spread: 110.3°

## Coefficients Of Utilization - Zonal Cavity Method

Effective Floor Cavity Reflectance: 20%

RCC %:	80				70				50			30			10			0
RW %:	<u>70</u>	<u>50</u>	<u>30</u>	<u>0</u>	<u>70</u>	<u>50</u>	<u>30</u>	<u>0</u>	<u>50</u>	<u>30</u>	<u>20</u>	<u>50</u>	<u>30</u>	<u>20</u>	<u>50</u>	<u>30</u>	<u>20</u>	<u>0</u>
RCR: 0	1.19	1.19	1.19	1.19	1.16	1.16	1.16	.99	1.10	1.10	1.10	1.05	1.05	1.05	1.01	1.01	1.01	.99
1	1.08	1.04	.99	.96	1.06	1.01	.97	.83	.97	.94	.91	.93	.90	.88	.89	.87	.85	.83
2	.99	.90	.84	.78	.96	.88	.82	.70	.85	.79	.75	.81	.77	.73	.78	.74	.71	.69
3	.90	.79	.71	.65	.87	.78	.70	.60	.75	.68	.63	.72	.66	.62	.69	.64	.60	.58
4	.82	.70	.62	.55	.80	.69	.61	.51	.66	.59	.54	.64	.58	.53	.62	.56	.52	.50
5	.76	.63	.54	.47	.74	.62	.53	.45	.59	.52	.46	.57	.51	.46	.55	.50	.45	.43
6	.70	.57	.48	.41	.68	.56	.47	.40	.54	.46	.41	.52	.45	.40	.50	.44	.40	.38
7	.65	.51	.43	.37	.63	.51	.42	.35	.49	.41	.36	.47	.41	.36	.46	.40	.35	.33
8	.60	.47	.38	.33	.59	.46	.38	.32	.45	.37	.32	.43	.37	.32	.42	.36	.32	.30
9	.57	.43	.35	.29	.55	.42	.35	.29	.41	.34	.29	.40	.34	.29	.39	.33	.29	.27
10	.53	.40	.32	.27	.52	.39	.32	.26	.38	.31	.26	.37	.31	.26	.36	.30	.26	.24

## Luminaire Report Summary

IESNA:LM-63-2002  
 [ISSUE DATE] 13 April 2016  
 [TEST LAB] Spectra Lux Industries Inc.  
 [TEST] S1604132-R1  
 [MANUFACTURER] STANPRO LIGHTING SYSTEMS  
 [LUMEN CATEGORY] L1KOL-2LS2-W/40K  
 [LUMINAIRE] Kolika Led 2 Ft  
 [LAMP] (1 PCB of 72 LED's - L130-4080001400001(J5DW)) c/w Advance Driver  
 XI020C056V054BST1 @ 120.00V  
 [\_BURNING] Vertical Base Up (1,005 Luminaire Lumens)  
 [\_REFLECTOR] White Painted Aluminum Plate  
 [\_LENS] OPAL Polycarbonate  
 [\_HOUSING] Extruded Aluminum  
 [\_REPORT MODULE] 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.