SUMMARY(CONT'D)

Test Condition: 15V 60Hz for SL14
Setting: 1 (Max light output)

Criteria	Result
Total Lumen Output (lm)	623.005
Total Power(W)	10.151
Lamp Luminaire Efficacy (lm/W)	61.37
Power Factor	0.7425
Field Angle (°)	118.6
Correlated Color Temperature (CCT)	3029
Color Rendering Index (CRI)	99
Color Rendering Index (R_9)	98
Fidelity Index (Rf)	97
Gamut Index (Rg)	101
Chromaticity Coordinate (x)	0.4359
Chromaticity Coordinate (y)	0.4055
Chromaticity Coordinate (u')	0.2493
Chromaticity Coordinate (v')	0.5218
In-situ Case Temperature of LED/COB (°C)	51.8
Drive Current of LED/COB (mA)	46
Projection Life Time, Reported L70 (hours)	>54000

Test Condition: 15V 60Hz for SL14
Setting: 2 (Medium light output)

Criteria	Result
Total Lumen Output (lm)	498.524
Total Power(W)	7.7567
Lamp Luminaire Efficacy (lm/W)	64.27
Power Factor	0.7241
Correlated Color Temperature (CCT)	3022
Color Rendering Index (CRI)	98
Color Rendering Index (R_9)	99
Fidelity Index (Rf)	97
Gamut Index (Rg)	100
Chromaticity Coordinate (x)	0.4363
Chromaticity Coordinate (y)	0.4053
Chromaticity Coordinate (u')	0.2497
Chromaticity Coordinate (v')	0.5218

********** End of Page **********

SUMMARY (CONT'D)

Test Condition: 15V 60Hz for SL14
Setting: 3 (Medium light output)

Criteria	Result
Total Lumen Output (lm)	367.003
Total Power(W)	5.5545
Lamp Luminaire Efficacy (lm/W)	66.07
Power Factor	0.7112
Correlated Color Temperature (CCT)	3023
Color Rendering Index (CRI)	98
Color Rendering Index (R_9)	99
Fidelity Index (Rf)	96
Gamut Index (Rg)	100
Chromaticity Coordinate (x)	0.4362
Chromaticity Coordinate (y)	0.4054
Chromaticity Coordinate (u')	0.2495
Chromaticity Coordinate (v')	0.5218

Test Condition: 15V 60Hz for SL14
Setting: 4 (Medium light output)

Criteria	Result
Total Lumen Output (lm)	270.621
Total Power(W)	4.111
Lamp Luminaire Efficacy (lm/W)	65.83
Power Factor	0.7059
Correlated Color Temperature (CCT)	3022
Color Rendering Index (CRI)	98
Color Rendering Index (R_9)	98
Fidelity Index (Rf)	96
Gamut Index (Rg)	100
Chromaticity Coordinate (x)	0.4362
Chromaticity Coordinate (y)	0.4053
Chromaticity Coordinate (u')	0.2497
Chromaticity Coordinate (v')	0.5218

********** End of Page **********

SUMMARY (CONT'D)

Test Condition: 15V 60Hz for SL14
Setting: 5 (Medium light output)

Criteria	Result
Total Lumen Output (lm)	142.762
Total Power(W)	2.1557
Lamp Luminaire Efficacy (lm/W)	66.23
Power Factor	0.6895
Correlated Color Temperature (CCT)	3019
Color Rendering Index (CRI)	97
Color Rendering Index (R_9)	97
Fidelity Index (Rf)	95
Gamut Index (Rg)	100
Chromaticity Coordinate (x)	0.4363
Chromaticity Coordinate (y)	0.4050
Chromaticity Coordinate (u')	0.2497
Chromaticity Coordinate (v')	0.5217

Test Condition: 15V 60Hz for SL14
Setting: 6 (Minimum light output)

Criteria	Result
Total Lumen Output (lm)	94.6538
Total Power(W)	1.4507
Lamp Luminaire Efficacy (lm/W)	65.25
Power Factor	0.6630
Correlated Color Temperature (CCT)	3017
Color Rendering Index (CRI)	97
Color Rendering Index (R_9)	96
Fidelity Index (Rf)	95
Gamut Index (Rg)	100
Chromaticity Coordinate (x)	0.4363
Chromaticity Coordinate (y)	0.4049
Chromaticity Coordinate (u')	0.2498
Chromaticity Coordinate (v')	0.5216

********** End of Page **********

RESULTS OF TESTS

Test Condition: 15V 60Hz for SL14
Setting: 1 (Max light output)

Total operation burning time: 70 min
Stabilization time: 60 min

Photometric Measurements at 25°C

Intertek Sample No.	Base Orientation	Correlated Color Temperature (K)	CRI	CIE 31' Chromaticity Coordinate (x)	CIE 31' Chromaticity Coordinate (y)	CIE 76' Chromaticity Coordinate (u')	CIE 76' Chromaticity Coordinate (v')
SL14							
A260623-30-001	N/A	3029	99	0.4359	0.4055	0.2493	0.5218

Photometric and Electrical Measurements at 25°C

Intertek Sample No.	Base Orientation	Input Voltage (Vac)	Input Current (A)	Lamp Input Power (Watts)	Input Power Factor	Absolute Luminous Flux (Lumens)	Lumen Efficacy (Lumens Per Watt)
SL14							
A260623-30-001	N/A	15.0	0.9080	10.151	0.7425	623.005	61.37

Zonal Lumen Summary and Percentages at 25°C

Zone	Lumens (lm)	% Luminaire (%)
SL14		
0-30	209.146	33.57
0-40	330.732	53.09
0-60	531.329	85.28
0-90	621.348	99.73
0-180	623.005	100.0

Beam Angle

	Horizontal Spread (°)	Vertical Spread (°)
SL14		
Beam Angle (50%)	94.6	50.1
Average Beam Angle (°)	72.3	

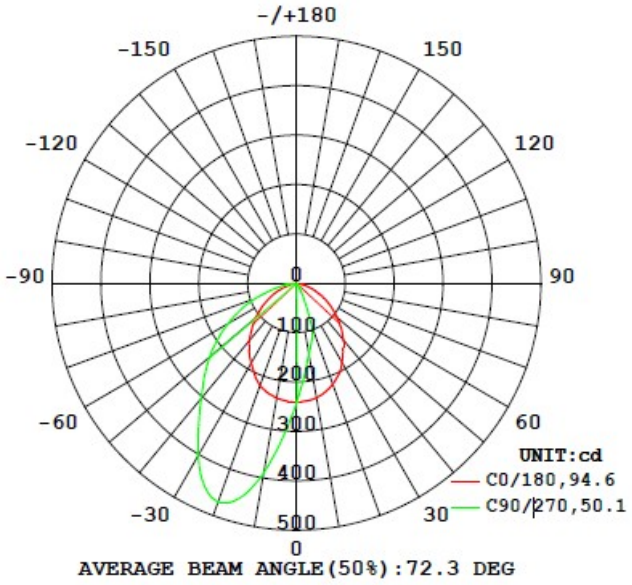
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RESULTS OF TESTS (cont'd)

Intensity (Candlepower) Summary at 25°C – Candelas

Test Condition: 15V 60Hz for SL14
Setting: 1 (Max light output)

G \ C(°)	0	22.5	45	67.5	90
0	240.40	240.40	240.40	240.40	240.40
5	239.24	217.62	201.12	191.31	187.69
10	235.32	195.97	166.43	151.09	146.27
15	227.53	173.48	140.65	125.89	120.86
20	217.16	151.31	120.53	105.80	92.17
25	204.28	133.77	103.52	57.28	36.89
30	186.26	115.52	60.06	24.62	17.80
35	167.03	99.84	30.87	12.12	9.42
40	149.37	84.87	15.33	5.90	3.04
45	129.06	58.66	8.54	0.21	0.02
50	109.11	35.35	2.49	0.01	0.00
55	89.66	20.36	0.05	0.00	0.00
60	70.38	8.96	0.00	0.00	0.00
65	51.95	2.54	0.00	0.00	0.00
70	34.66	0.06	0.00	0.00	0.00
75	19.74	0.00	0.00	0.00	0.00
80	7.87	0.00	0.00	0.00	0.00
85	1.52	0.00	0.00	0.00	0.03
90	0.04	0.00	0.00	0.00	0.00



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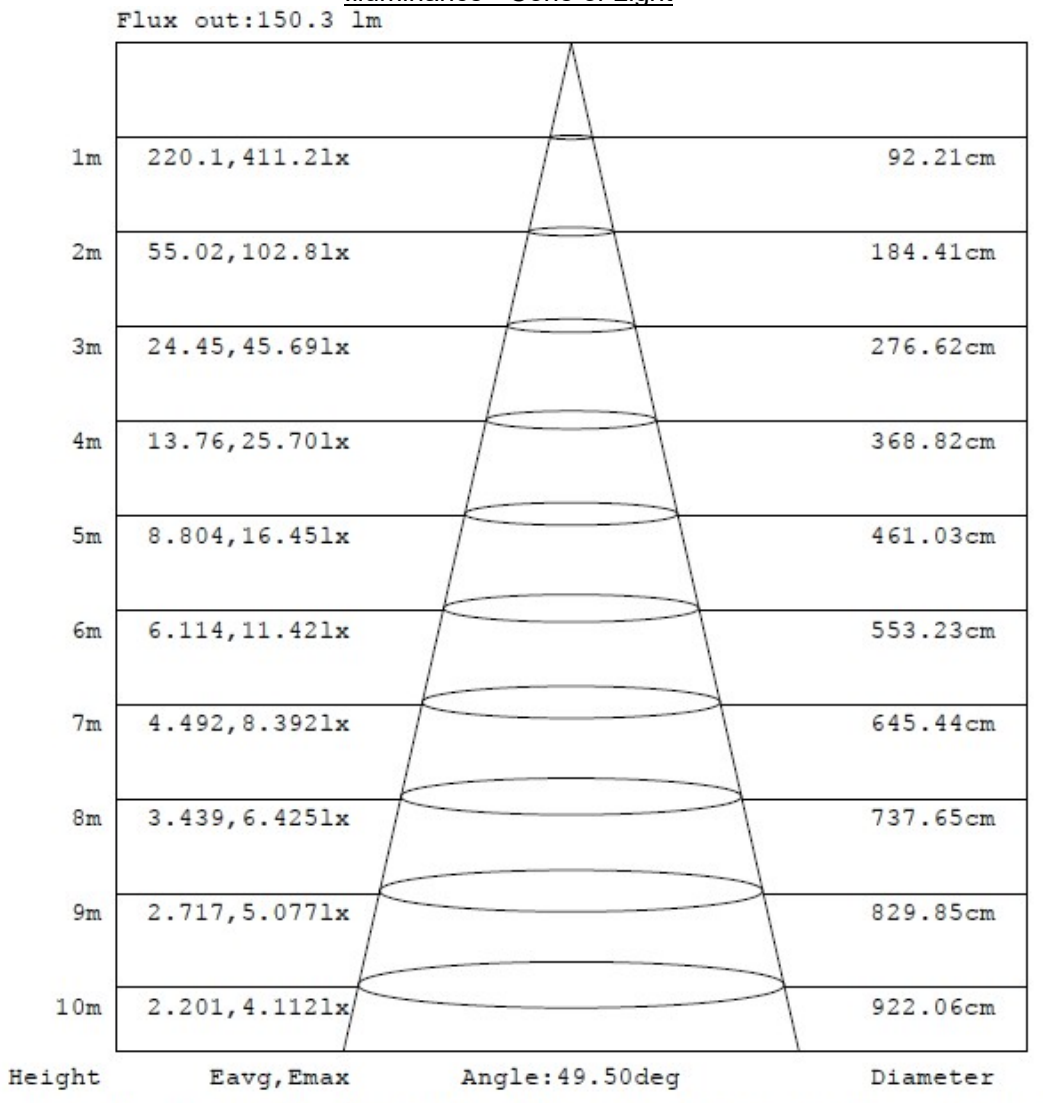
RESULTS OF TESTS (cont'd)

Test Condition: 15V 60Hz for SL14
Setting: 1 (Max light output)

Illumination Plots

Model No.: SL14
Mount Height: 10 m

Illuminance - Cone of Light



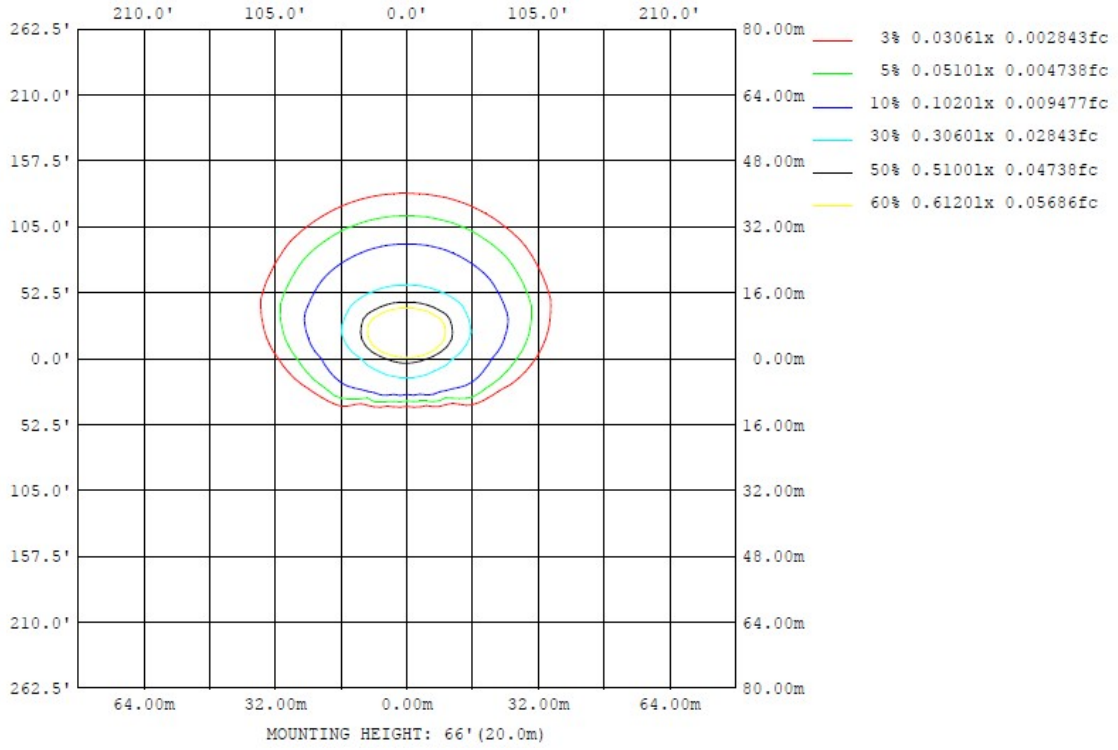
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

********** End of Page **********

RESULTS OF TESTS (cont'd)

Test Condition: 15V 60Hz for SL14
Setting: 1 (Max light output)

Model No.: SL14
Mount Height: 20 m
Isoillumination Plot



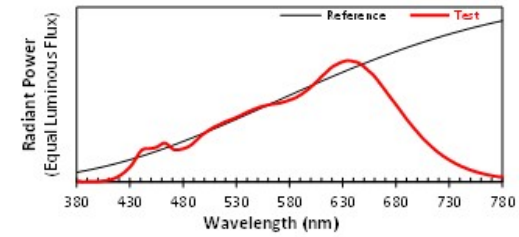
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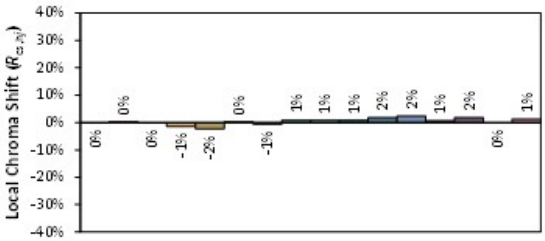
RESULTS OF TESTS (cont'd)

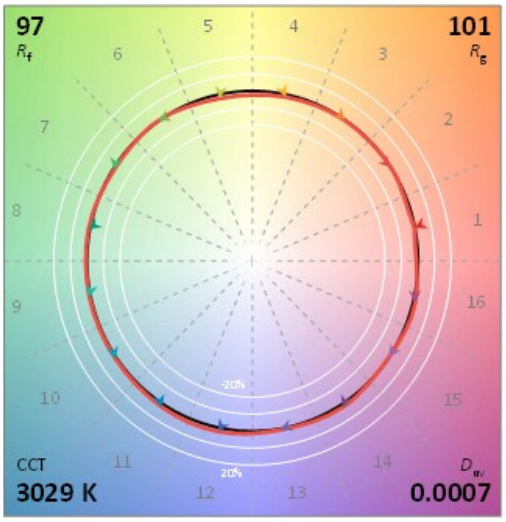
Test Condition: 15V 60Hz for SL14
Setting: 1 (Max light output)

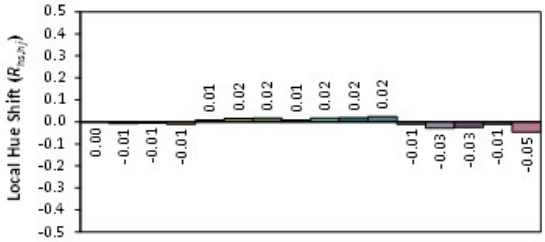
ANSI/IES TM-30-18 Color Rendition Report

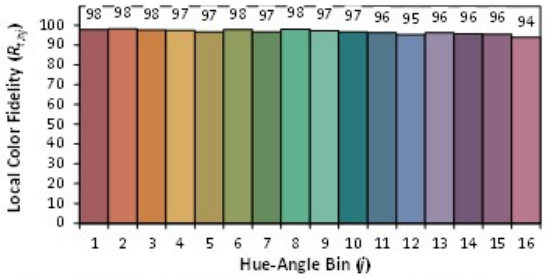
Source:	LED	**Manufacturer:**	STERLING LIGHTING LLC
Date:	6/25/2026	**Model:**	SL14

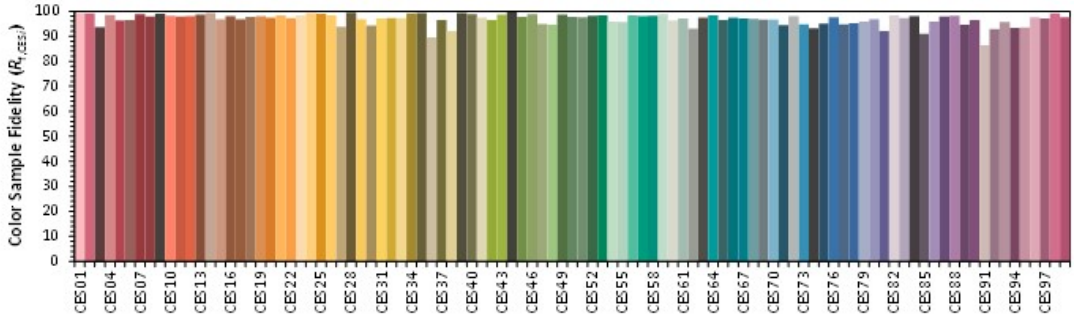












Notes: This is a recommended method for displaying ANSI/IES TM-30-18 information.

x	0.4359
y	0.4055
u'	0.2493
v'	0.5218

CIE 13.3-1995 (CRI)	
R_a	99
R_9	98

********** End of Page **********

RESULTS OF TESTS

Test Condition: 15V 60Hz for SL14
Setting: 2 (Medium light output)

Total operation burning time: 70 min
Stabilization time: 60 min

Photometric Measurements at 25°C

Intertek Sample No.	Base Orientation	Correlated Color Temperature (K)	CRI	CIE 31' Chromaticity Coordinate (x)	CIE 31' Chromaticity Coordinate (y)	CIE 76' Chromaticity Coordinate (u')	CIE 76' Chromaticity Coordinate (v')
SL14							
A260623-30-001	N/A	3022	98	0.4363	0.4054	0.2497	0.5218

Photometric and Electrical Measurements at 25°C

Intertek Sample No.	Base Orientation	Input Voltage (Vac)	Input Current (A)	Lamp Input Power (Watts)	Input Power Factor	Absolute Luminous Flux (Lumens)	Lumen Efficacy (Lumens Per Watt)
SL14							
A260623-30-001	N/A	15.0	0.7126	7.7567	0.7241	498.524	64.27

Zonal Lumen Summary and Percentages at 25°C

Zone	Lumens (lm)	% Luminaire (%)
SL14		
0-30	157.613	31.62
0-40	254.417	51.03
0-60	417.963	83.84
0-90	496.974	99.69
0-180	498.524	100.0

Beam Angle

	Horizontal Spread (°)	Vertical Spread (°)
SL14		
Beam Angle (50%)	97.3	50.0
Average Beam Angle (°)	73.7	

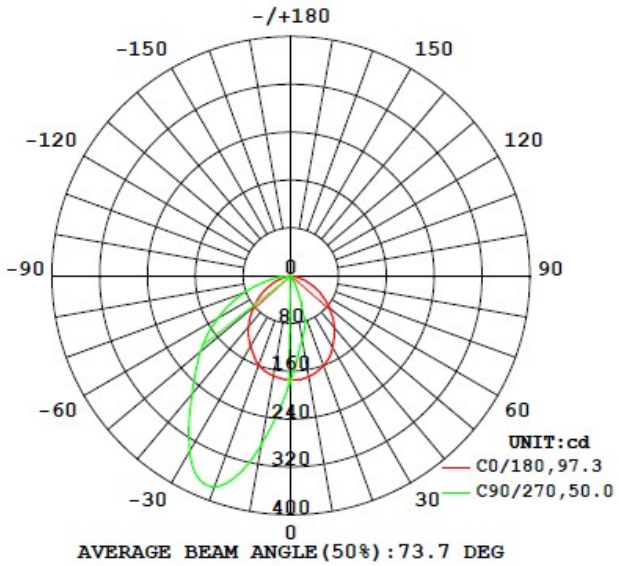
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RESULTS OF TESTS (cont'd)

Intensity (Candlepower) Summary at 25°C – Candelas

Test Condition: 15V 60Hz for SL14
Setting: 2 (Medium light output)

G \ C(°)	0	22.5	45	67.5	90
0	174.05	174.05	174.05	174.05	174.05
5	173.82	158.77	146.44	137.95	134.73
10	171.63	142.58	121.67	111.94	108.21
15	166.89	126.03	104.64	94.07	90.18
20	160.30	112.55	90.36	64.99	50.87
25	151.69	100.09	68.35	28.66	23.27
30	139.02	86.63	35.90	14.23	10.61
35	126.02	75.32	19.74	7.72	5.39
40	113.51	61.34	9.86	2.85	0.89
45	98.72	39.07	4.88	0.03	0.00
50	84.23	23.88	0.88	0.00	0.00
55	69.57	12.47	0.02	0.00	0.00
60	54.91	5.91	0.00	0.00	0.00
65	40.65	1.12	0.00	0.00	0.00
70	27.30	0.04	0.00	0.00	0.00
75	15.41	0.00	0.00	0.00	0.00
80	6.14	0.00	0.00	0.00	0.00
85	1.02	0.00	0.00	0.01	0.04
90	0.05	0.00	0.00	0.00	0.00



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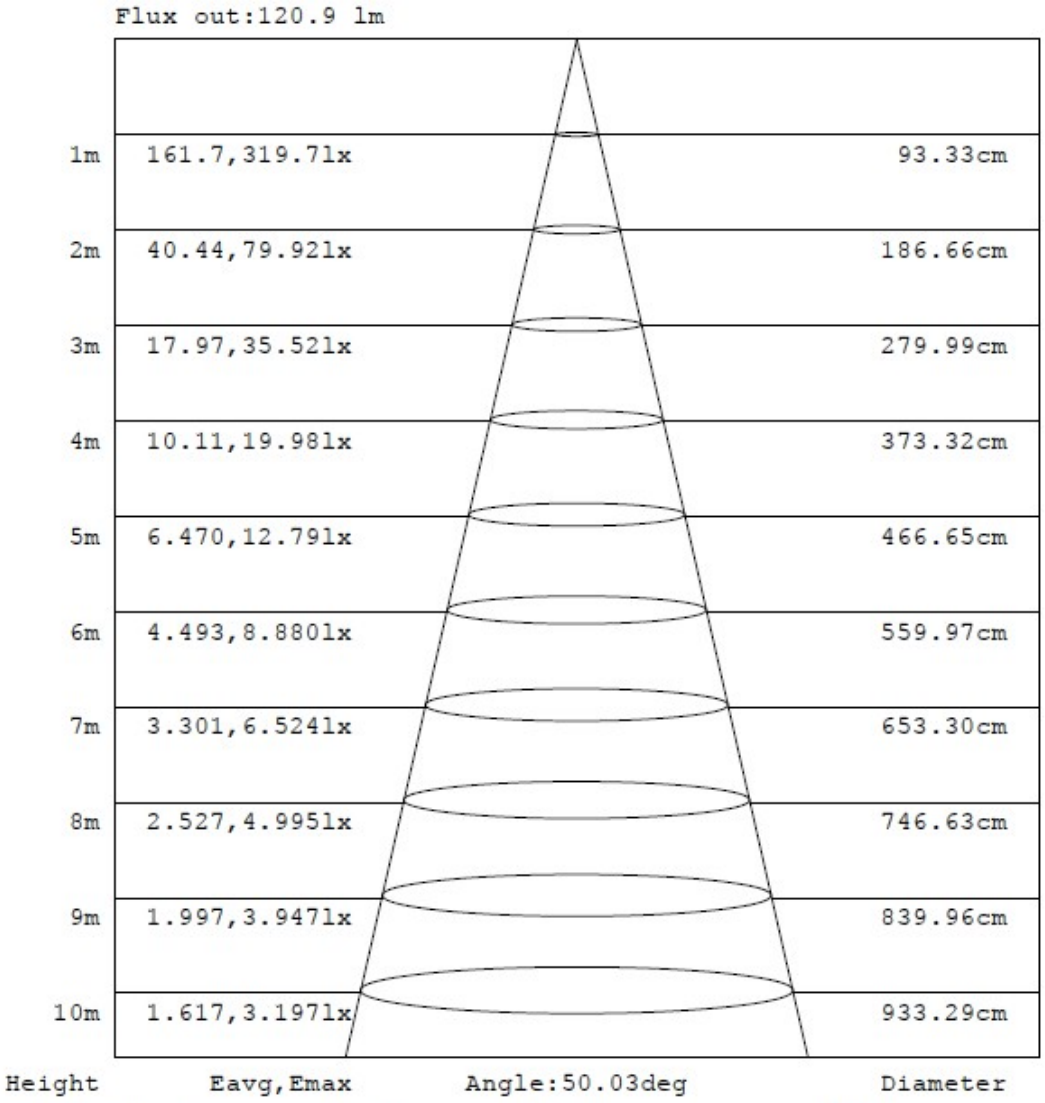
RESULTS OF TESTS (cont'd)

Test Condition: 15V 60Hz for SL14
Setting: 2 (Medium light output)

Illumination Plots

Model No.: SL14
Mount Height: 10 m

Illuminance - Cone of Light



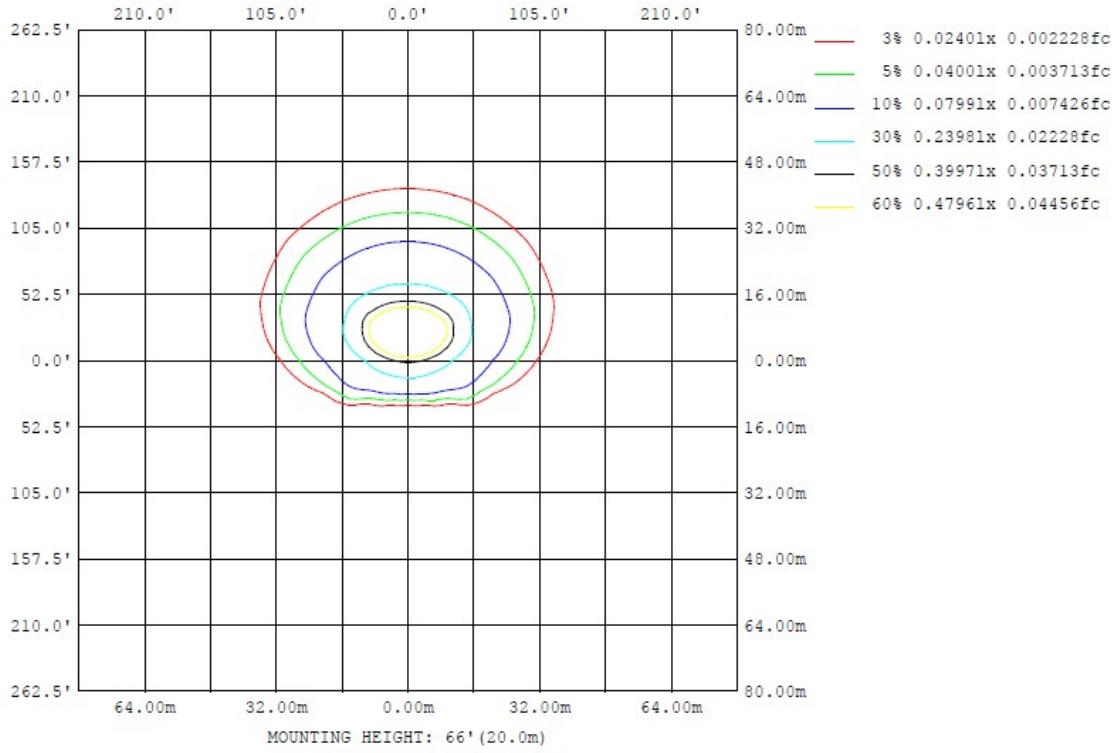
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

********** End of Page **********

RESULTS OF TESTS (cont'd)

Test Condition: 15V 60Hz for SL14
Setting: 2 (Medium light output)

Model No.: SL14
Mount Height: 20 m
Isoillumination Plot



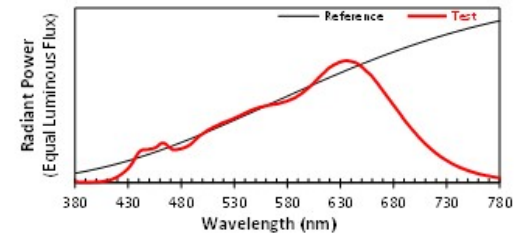
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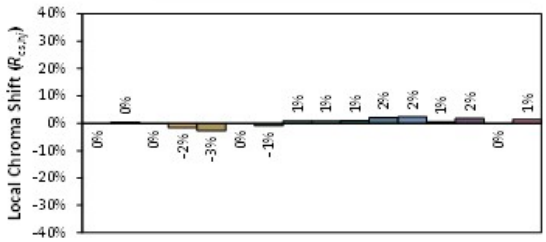
RESULTS OF TESTS (cont'd)

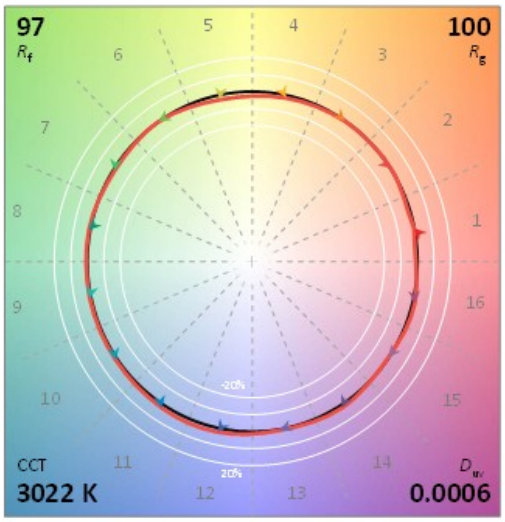
Test Condition: 15V 60Hz for SL14
Setting: 2 (Medium light output)

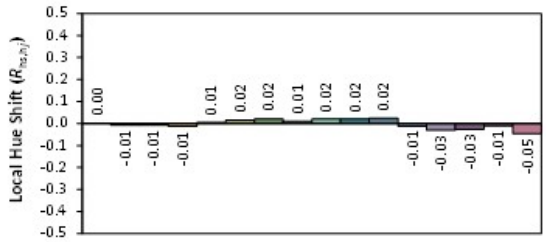
ANSI/IES TM-30-18 Color Rendition Report

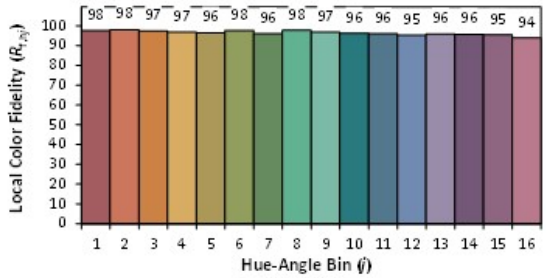
Source:	LED	**Manufacturer:**	STERLING LIGHTING LLC
Date:	6/25/2026	**Model:**	SL14

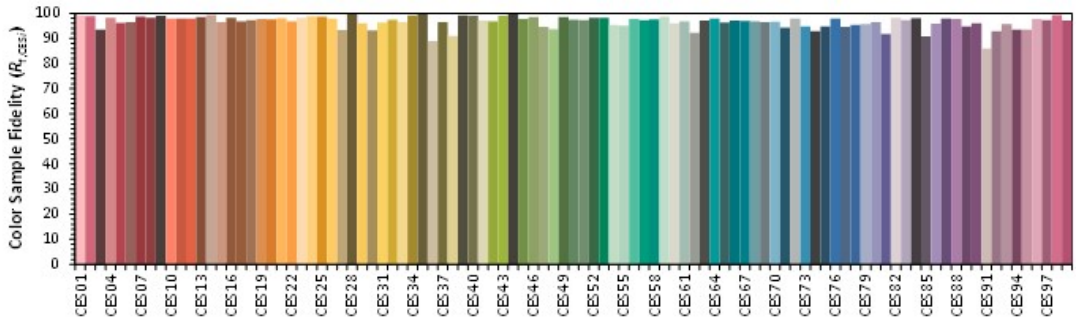












Notes: This is a recommended method for displaying ANSI/IES TM-30-18 information.

x	0.4363
y	0.4054
u'	0.2496
v'	0.5218

CIE 13.3-1995 (CRI)

R_a	98
R_9	99

********** End of Page **********

RESULTS OF TESTS (cont'd)

Test Condition: 15V 60Hz for SL14
Setting: 3 (Medium light output)

Total operation burning time: 70 min
Stabilization time: 60 min

Photometric Measurements at 25°C

Intertek Sample No.	Base Orientation	Correlated Color Temperature (K)	CRI	CIE 31' Chromaticity Coordinate (x)	CIE 31' Chromaticity Coordinate (y)	CIE 76' Chromaticity Coordinate (u')	CIE 76' Chromaticity Coordinate (v')
SL14							
A260623-30-001	N/A	3023	98	0.4362	0.4054	0.2495	0.5218

Photometric and Electrical Measurements at 25°C

Intertek Sample No.	Base Orientation	Input Voltage (Vac)	Input Current (A)	Lamp Input Power (Watts)	Input Power Factor	Absolute Luminous Flux (Lumens)	Lumen Efficacy (Lumens Per Watt)
SL14							
A260623-30-001	N/A	15.0	0.5185	5.5545	0.7112	367.003	66.07

Zonal Lumen Summary and Percentages at 25°C

Zone	Lumens (lm)	% Luminaire (%)
SL14		
0-30	122.678	33.43
0-40	194.283	52.94
0-60	312.554	85.16
0-90	366.079	99.76
0-180	367.003	100.0

Beam Angle

	Horizontal Spread (°)	Vertical Spread (°)
SL14		
Beam Angle (50%)	94.7	50.0
Average Beam Angle (°)	72.4	

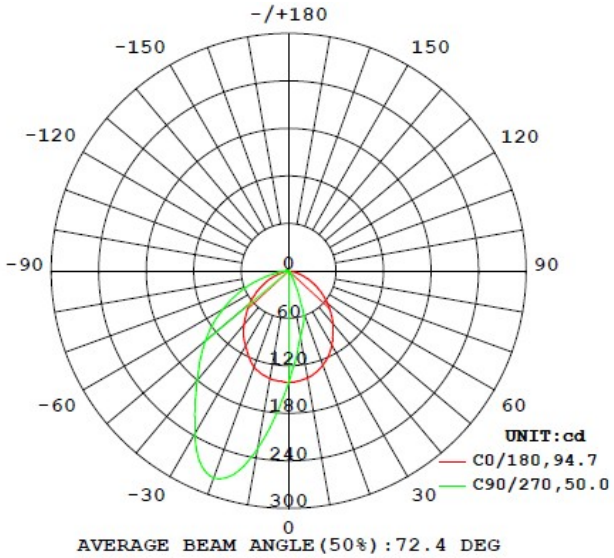
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RESULTS OF TESTS (cont'd)

Intensity (Candlepower) Summary at 25°C – Candelas

Test Condition: 15V 60Hz for SL14
Setting: 3 (Medium light output)

G \ C(°)	0	22.5	45	67.5	90
0	140.42	140.42	140.42	140.42	140.42
5	139.62	127.06	117.59	111.86	109.66
10	137.24	114.54	96.99	88.36	85.56
15	132.70	100.97	82.20	73.64	70.67
20	126.54	88.32	70.44	61.17	51.78
25	119.03	78.12	59.99	31.99	22.53
30	108.67	67.49	34.49	14.19	9.88
35	97.41	58.29	17.54	6.88	5.27
40	87.12	49.36	8.51	3.28	1.78
45	75.39	32.27	4.70	0.04	0.00
50	63.77	19.79	1.19	0.00	0.00
55	52.47	11.11	0.02	0.00	0.00
60	41.26	4.96	0.00	0.00	0.00
65	30.53	1.24	0.00	0.00	0.00
70	20.67	0.03	0.00	0.00	0.00
75	11.69	0.00	0.00	0.00	0.00
80	4.66	0.00	0.00	0.00	0.00
85	0.72	0.00	0.00	0.00	0.01
90	0.02	0.00	0.00	0.00	0.00



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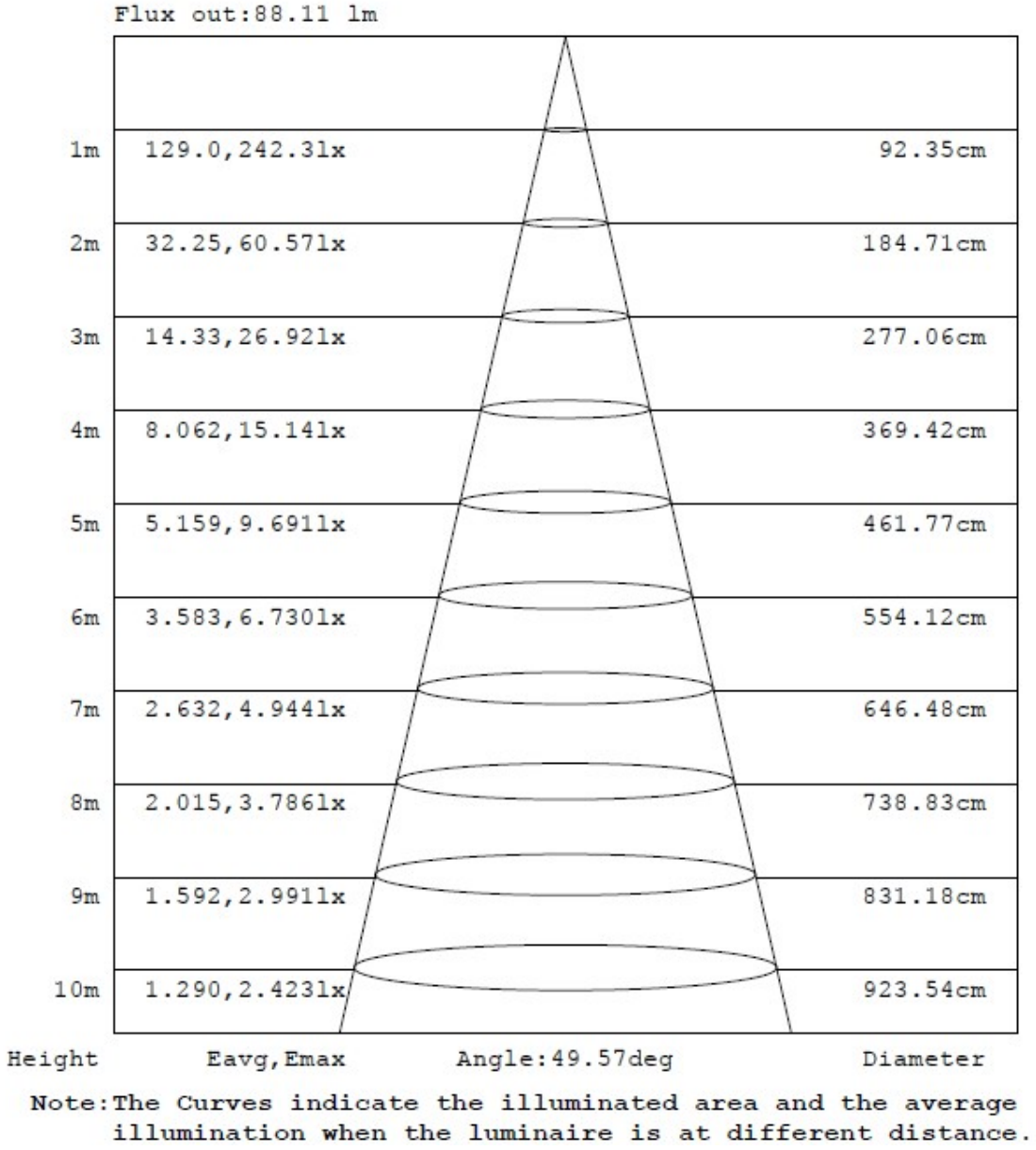
RESULTS OF TESTS (cont'd)

Test Condition: 15V 60Hz for SL14
Setting: 3 (Medium light output)

Illumination Plots

Model No.: SL14
Mount Height: 10 m

Illuminance - Cone of Light



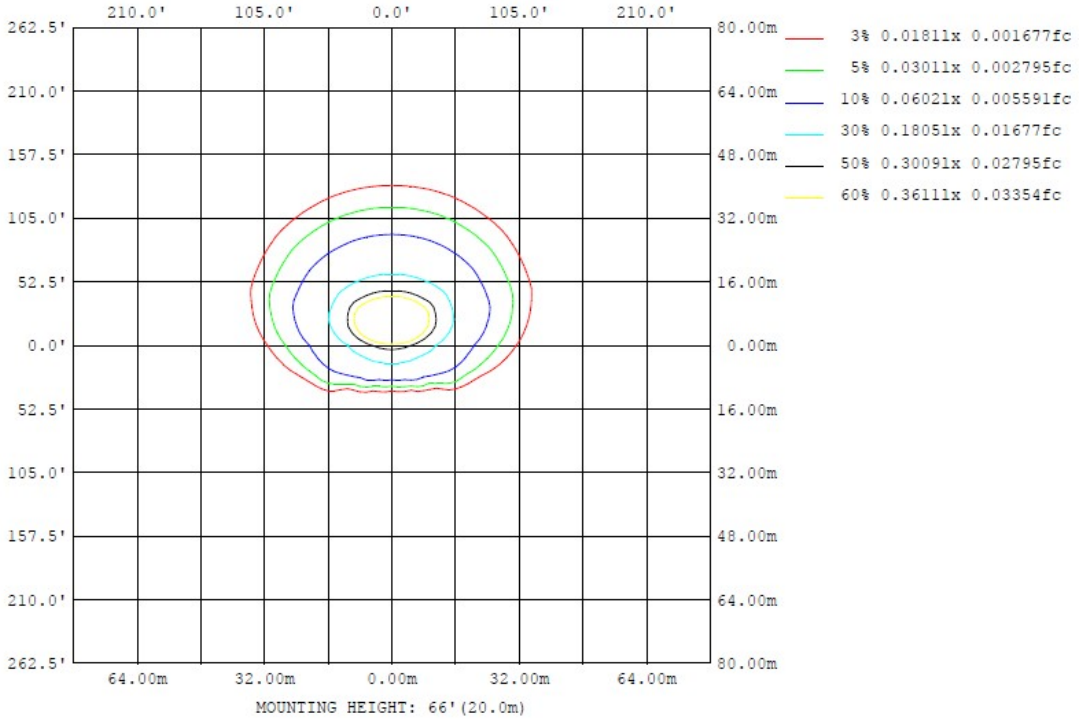
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

********** End of Page **********

RESULTS OF TESTS (cont'd)

Test Condition: 15V 60Hz for SL14
Setting: 3 (Medium light output)

Model No.: SL14
Mount Height: 20 m
Isoillumination Plot



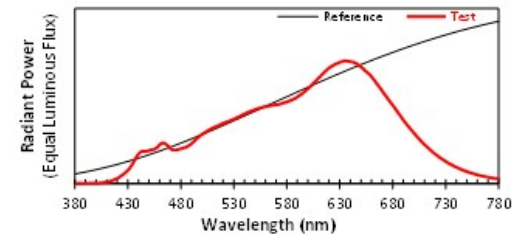
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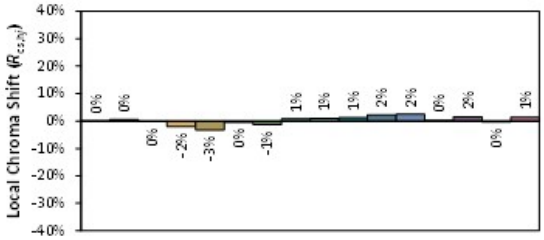
RESULTS OF TESTS (cont'd)

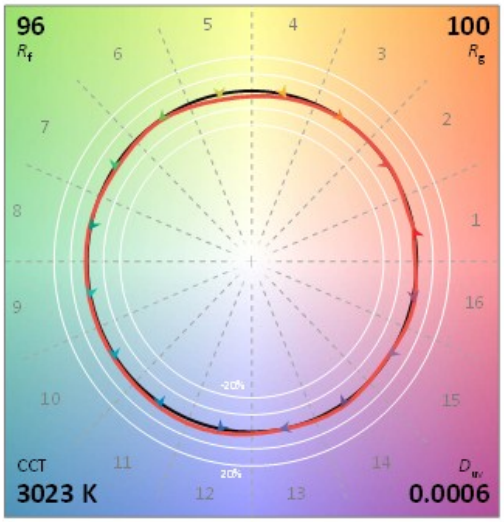
Test Condition: 15V 60Hz for SL14
Setting: 3 (Medium light output)

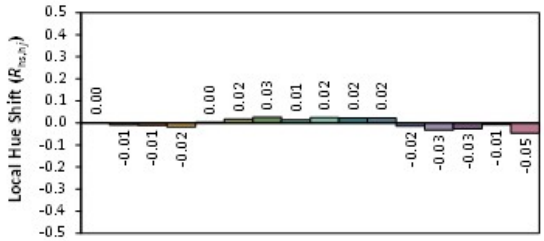
ANSI/IES TM-30-18 Color Rendition Report

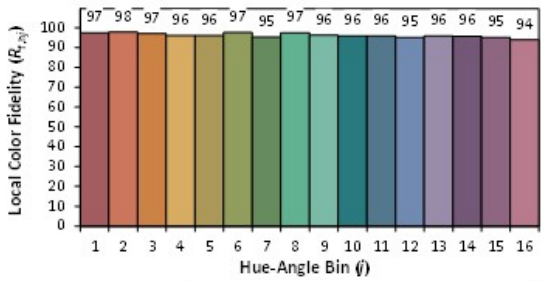
Source:	LED	**Manufacturer:**	STERLING LIGHTING LLC
Date:	6/25/2026	**Model:**	SL14

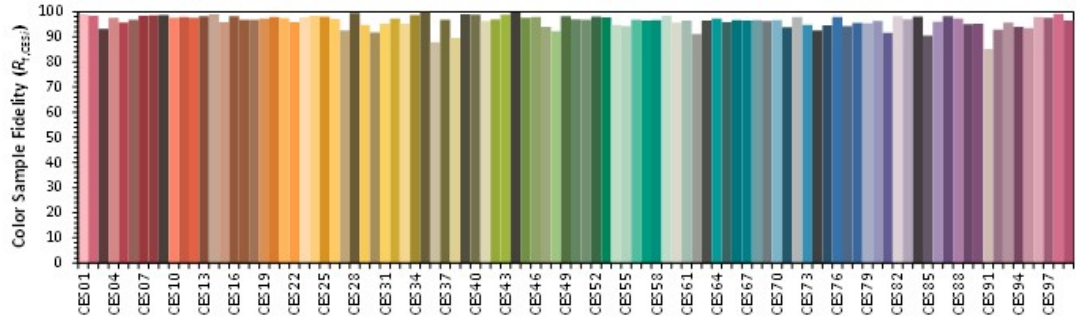












Notes: This is a recommended method for displaying ANSI/IES TM-30-18 information.

x	0.4362
y	0.4054
u'	0.2495
v'	0.5218

CIE 13.3-1995 (CRI)	
R_a	98
R_9	99

********** End of Page **********

RESULTS OF TESTS

Test Condition: 15V 60Hz for SL14
Setting: 4 (Medium light output)

Total operation burning time: 70 min
Stabilization time: 60 min

Photometric Measurements at 25°C

Intertek Sample No.	Base Orientation	Correlated Color Temperature (K)	CRI	CIE 31' Chromaticity Coordinate (x)	CIE 31' Chromaticity Coordinate (y)	CIE 76' Chromaticity Coordinate (u')	CIE 76' Chromaticity Coordinate (v')
SL14							
A260623-30-001	N/A	3022	98	0.4362	0.4053	0.2497	0.5218

Photometric and Electrical Measurements at 25°C

Intertek Sample No.	Base Orientation	Input Voltage (Vac)	Input Current (A)	Lamp Input Power (Watts)	Input Power Factor	Absolute Luminous Flux (Lumens)	Lumen Efficacy (Lumens Per Watt)
SL14							
A260623-30-001	N/A	15.0	0.3860	4.111	0.7059	270.621	65.83

Zonal Lumen Summary and Percentages at 25°C

Zone	Lumens (lm)	% Luminaire (%)
SL14		
0-30	90.410	33.41
0-40	143.140	52.89
0-60	230.345	85.12
0-90	269.952	99.76
0-180	270.621	100.0

Beam Angle

	Horizontal Spread (°)	Vertical Spread (°)
SL14		
Beam Angle (50%)	94.9	50.0
Average Beam Angle (°)	72.5	

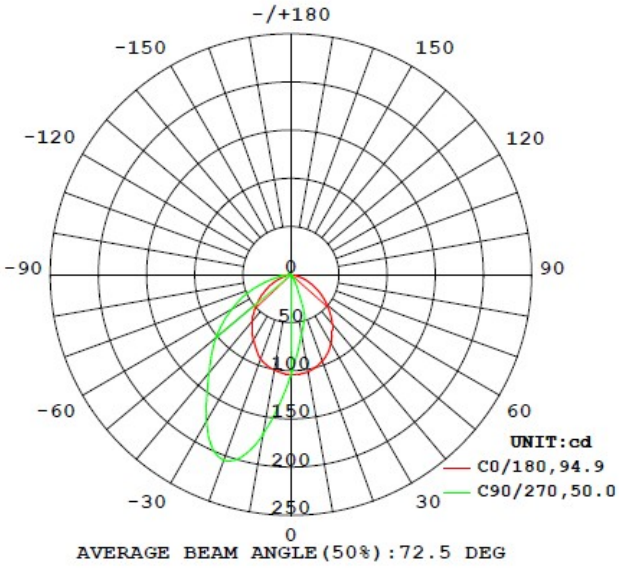
********** End of Page **********

RESULTS OF TESTS (cont'd)

Intensity (Candlepower) Summary at 25°C – Candelas

Test Condition: 15V 60Hz for SL14
Setting: 4 (Medium light output)

G \ C(°)	0	22.5	45	67.5	90
0	103.60	103.60	103.60	103.60	103.60
5	103.59	94.19	87.08	82.65	80.85
10	102.42	85.28	72.14	65.35	63.07
15	99.53	75.73	61.12	54.49	52.06
20	95.43	66.22	52.45	45.58	38.03
25	90.20	58.66	45.04	21.61	15.62
30	82.77	50.80	26.37	10.79	7.30
35	74.38	43.94	13.81	5.19	3.88
40	66.70	37.51	6.84	2.44	1.11
45	57.92	27.81	3.81	0.07	0.00
50	48.97	17.70	1.27	0.00	0.00
55	40.37	9.78	0.01	0.00	0.00
60	31.73	4.28	0.00	0.00	0.00
65	23.80	1.37	0.00	0.00	0.00
70	16.02	0.02	0.00	0.00	0.00
75	9.12	0.00	0.00	0.00	0.00
80	3.80	0.00	0.00	0.00	0.00
85	0.74	0.00	0.00	0.00	0.00
90	0.03	0.00	0.00	0.00	0.00



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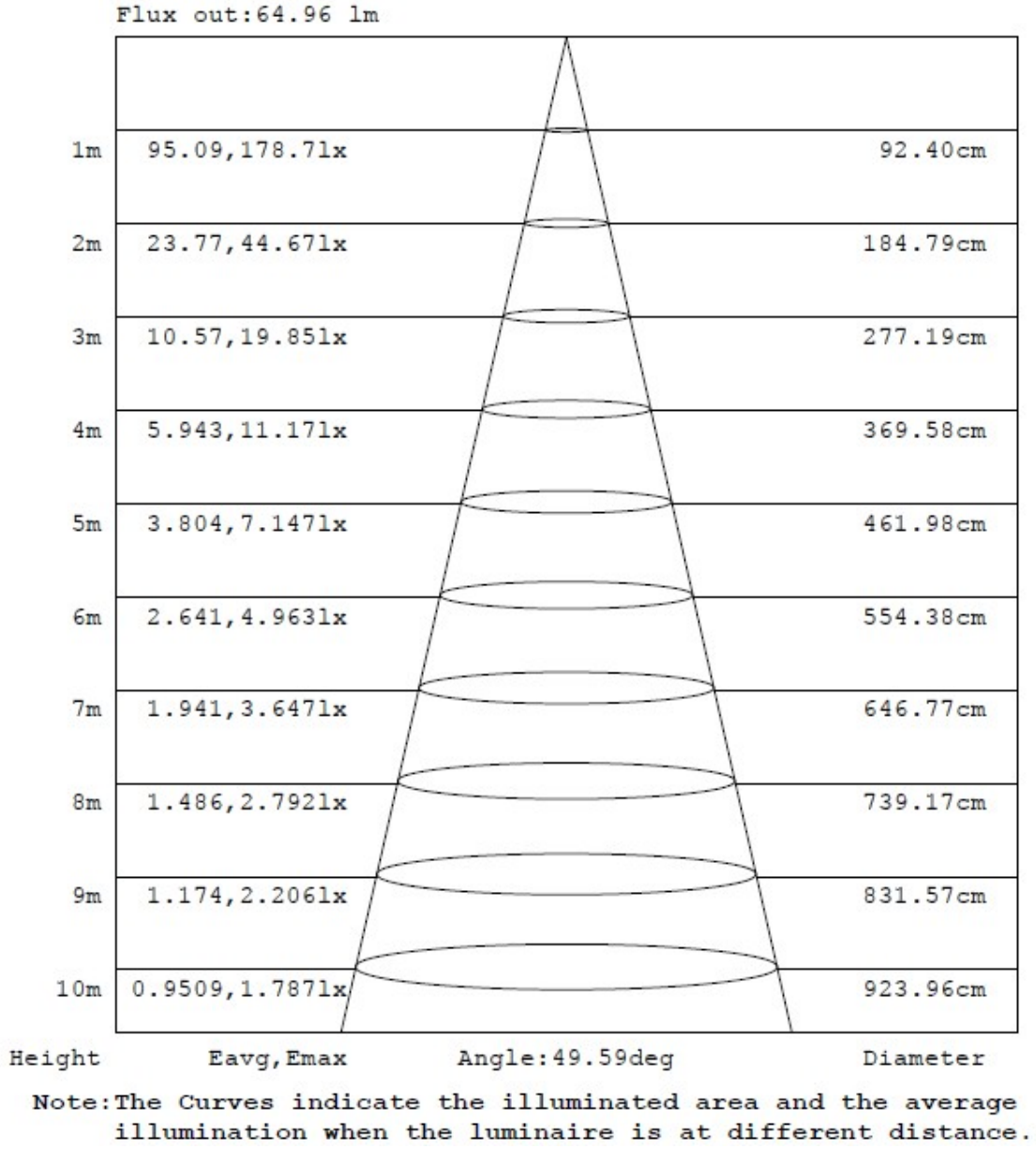
RESULTS OF TESTS (cont'd)

Test Condition: 15V 60Hz for SL14
Setting: 4 (Medium light output)

Illumination Plots

Model No.: SL14
Mount Height: 10 m

Illuminance - Cone of Light



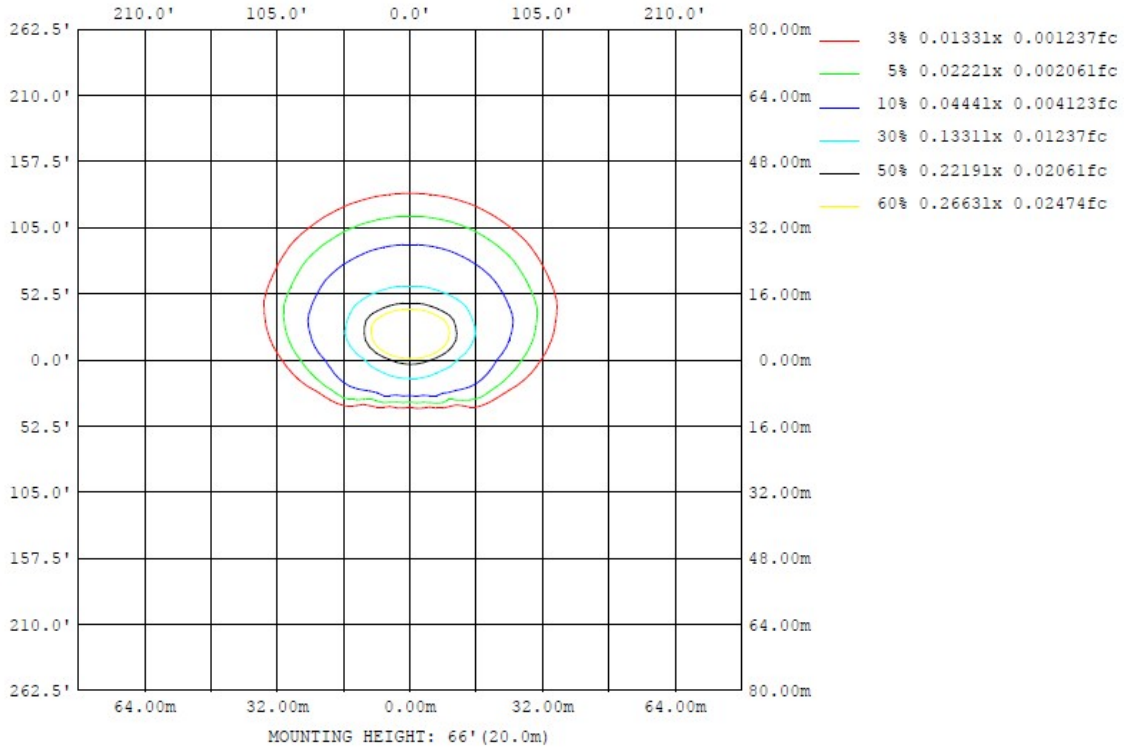
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

********** End of Page **********

RESULTS OF TESTS (cont'd)

Test Condition: 15V 60Hz for SL14
Setting: 4 (Medium light output)

Model No.: SL14
Mount Height: 20 m
Isoillumination Plot



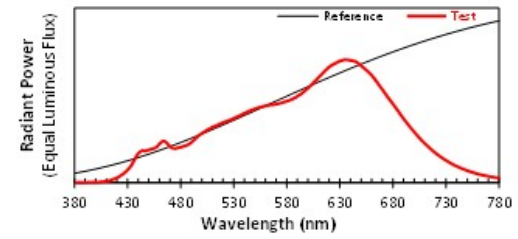
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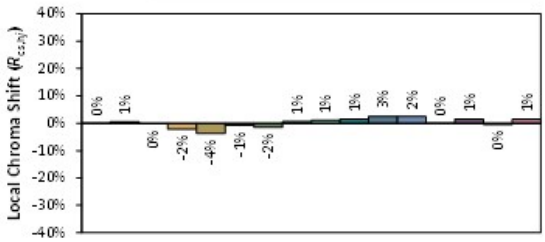
RESULTS OF TESTS (cont'd)

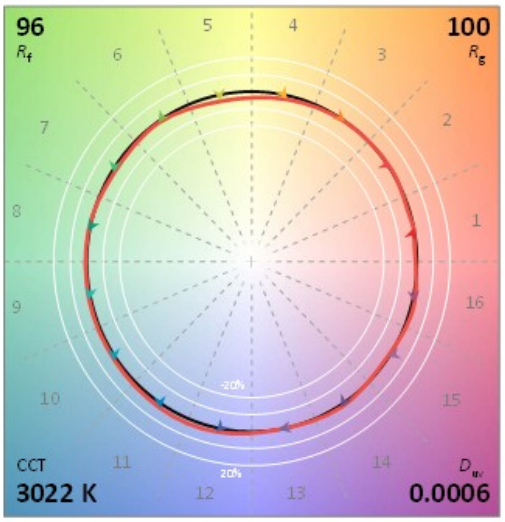
Test Condition: 15V 60Hz for SL14
Setting: 4 (Medium light output)

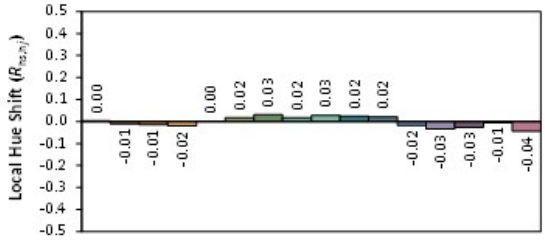
ANSI/IES TM-30-18 Color Rendition Report

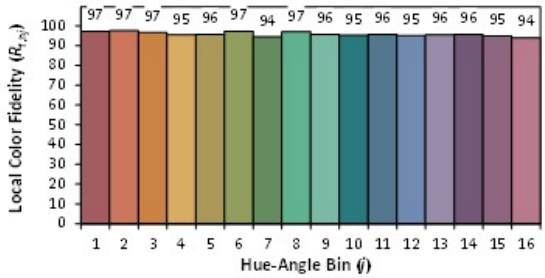
Source:	LED	**Manufacturer:**	STERLING LIGHTING LLC
Date:	6/25/2026	**Model:**	SL14

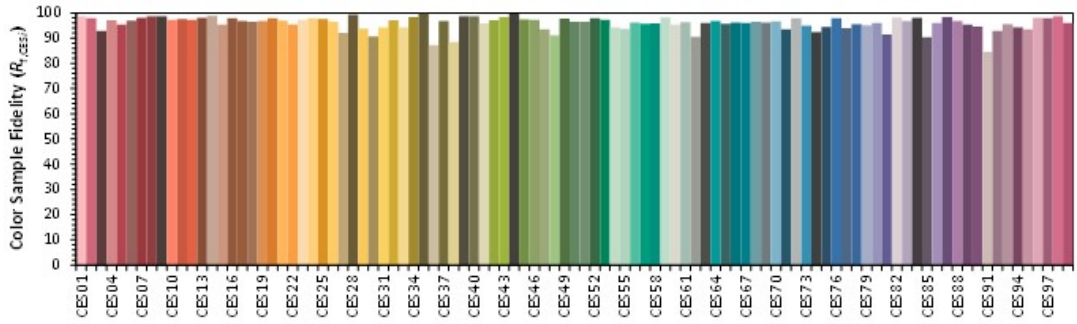












Notes: This is a recommended method for displaying ANSI/IES TM-30-18 information.

x	0.4362
y	0.4053
u'	0.2496
v'	0.5218

CIE 13.3-1995 (CRI)	
R_a	98
R_9	98

********** End of Page **********

RESULTS OF TESTS

Test Condition: 15V 60Hz for SL14
Setting: 5 (Medium light output)

Total operation burning time: 70 min
Stabilization time: 60 min

Photometric Measurements at 25°C

Intertek Sample No.	Base Orientation	Correlated Color Temperature (K)	CRI	CIE 31' Chromaticity Coordinate (x)	CIE 31' Chromaticity Coordinate (y)	CIE 76' Chromaticity Coordinate (u')	CIE 76' Chromaticity Coordinate (v')
SL14							
A260623-30-001	N/A	3019	97	0.4363	0.4050	0.2497	0.5217

Photometric and Electrical Measurements at 25°C

Intertek Sample No.	Base Orientation	Input Voltage (Vac)	Input Current (A)	Lamp Input Power (Watts)	Input Power Factor	Absolute Luminous Flux (Lumens)	Lumen Efficacy (Lumens Per Watt)
SL14							
A260623-30-001	N/A	15.0	0.2082	2.1557	0.6895	142.762	66.23

Zonal Lumen Summary and Percentages at 25°C

Zone	Lumens (lm)	% Luminaire (%)
SL14		
0-30	47.977	33.61
0-40	75.785	53.09
0-60	121.858	85.36
0-90	142.424	99.76
0-180	142.762	100.0

Beam Angle

	Horizontal Spread (°)	Vertical Spread (°)
SL14		
Beam Angle (50%)	94.5	50.4
Average Beam Angle (°)	72.4	

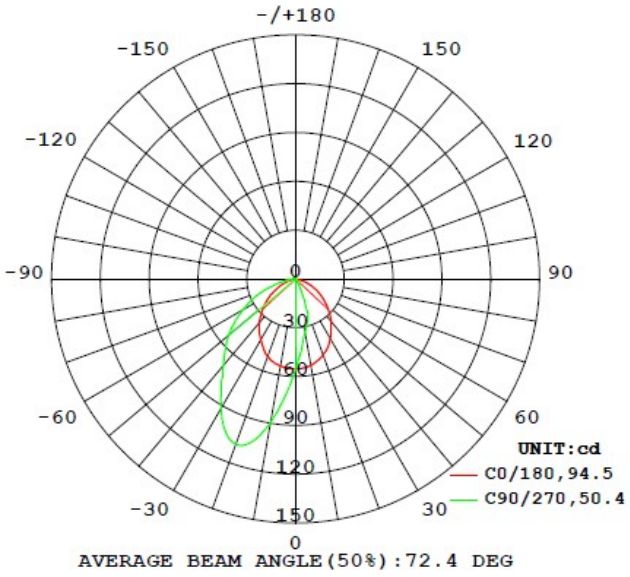
********** End of Page **********

RESULTS OF TESTS (cont'd)

Intensity (Candlepower) Summary at 25°C – Candelas

Test Condition: 15V 60Hz for SL14
Setting: 5 (Medium light output)

G \ C(°)	0	22.5	45	67.5	90
0	55.22	55.22	55.22	55.22	55.22
5	54.87	49.88	46.15	43.90	43.08
10	53.90	44.91	38.03	34.57	33.50
15	52.05	39.58	32.15	28.74	27.60
20	49.63	34.52	27.43	24.29	20.99
25	46.66	30.51	23.74	12.88	8.36
30	42.56	26.59	13.64	5.58	3.93
35	38.10	22.98	6.87	2.67	2.09
40	34.06	19.45	3.29	1.30	0.63
45	29.46	12.66	1.84	0.01	0.00
50	24.90	7.65	0.46	0.00	0.00
55	20.47	4.23	0.00	0.00	0.00
60	16.08	1.90	0.00	0.00	0.00
65	11.87	0.45	0.00	0.00	0.00
70	7.90	0.00	0.00	0.00	0.00
75	4.41	0.00	0.00	0.00	0.00
80	1.75	0.00	0.00	0.00	0.00
85	0.25	0.00	0.00	0.00	0.00
90	0.00	0.00	0.00	0.00	0.00



********** End of Page **********

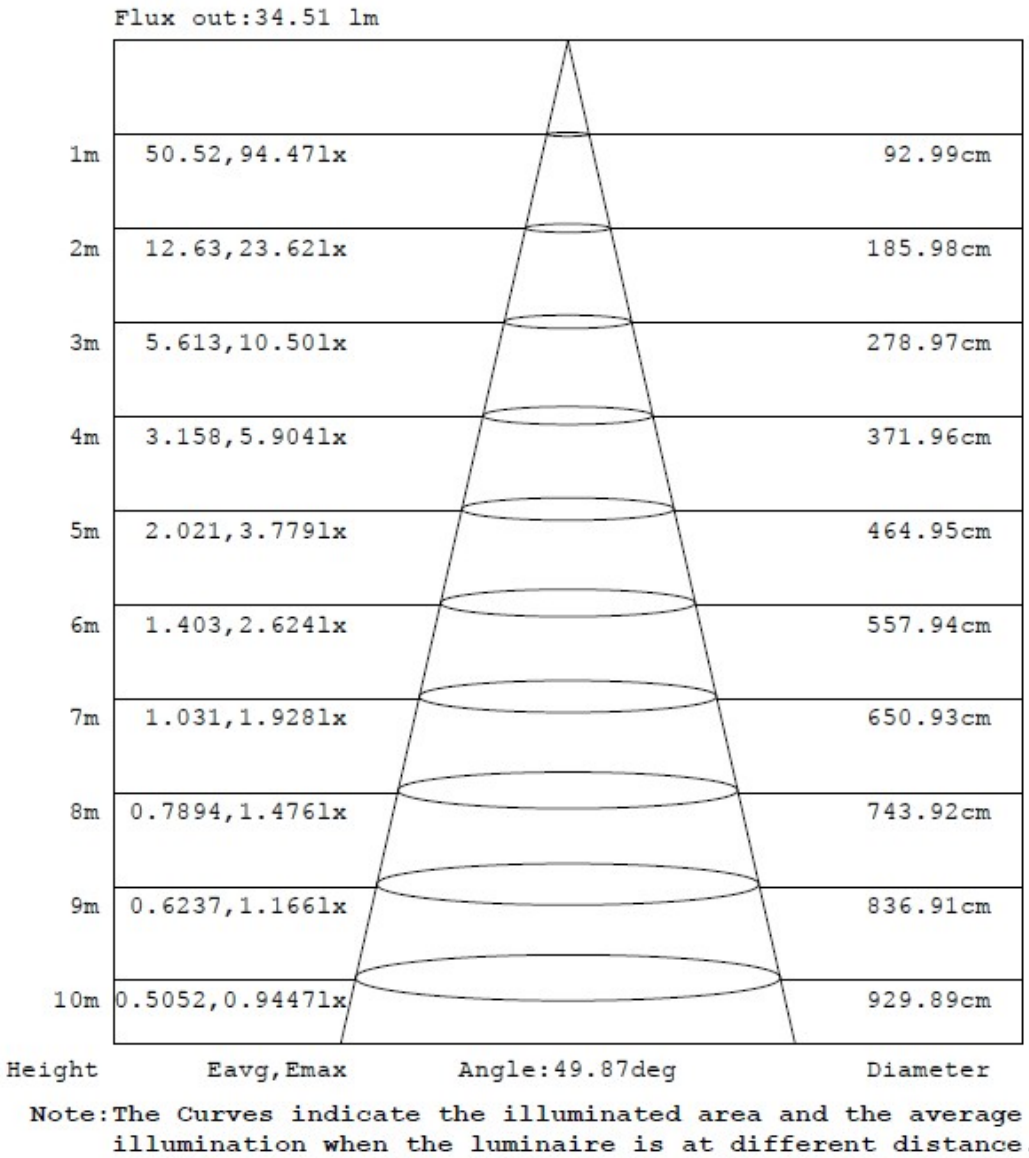
RESULTS OF TESTS (cont'd)

Test Condition: 15V 60Hz for SL14
Setting: 5 (Medium light output)

Illumination Plots

Model No.: SL14
Mount Height: 10 m

Illuminance - Cone of Light



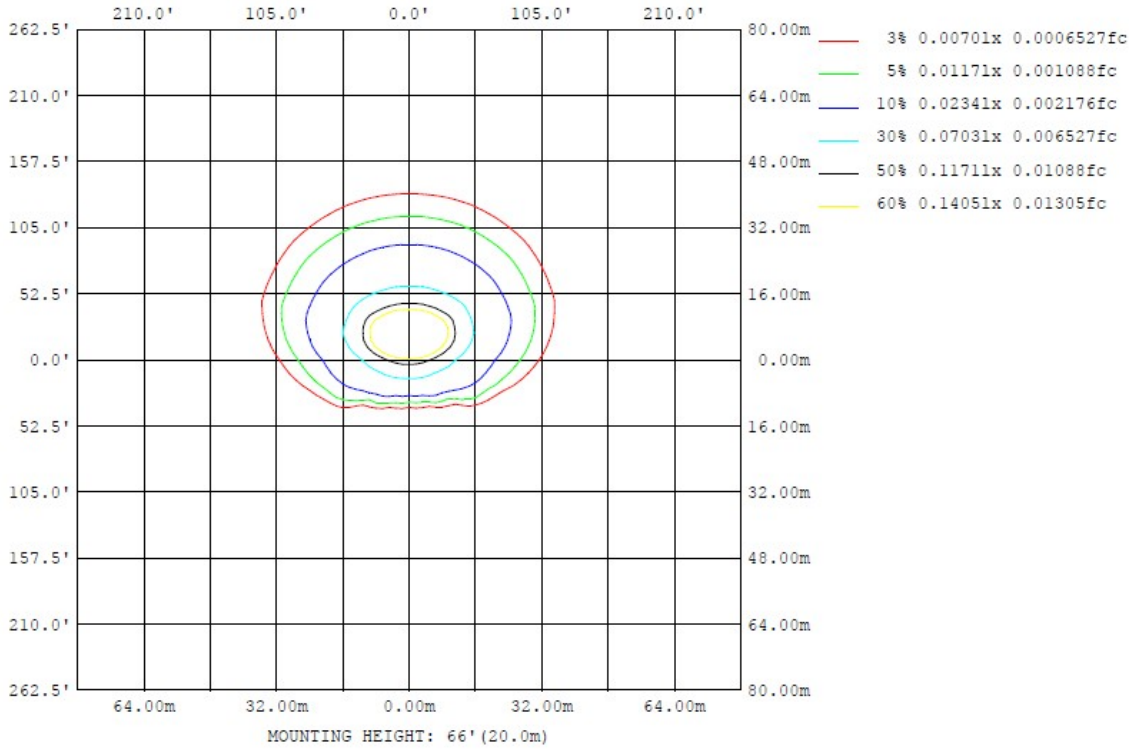
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

********** End of Page **********

RESULTS OF TESTS (cont'd)

Test Condition: 15V 60Hz for SL14
Setting: 5 (Medium light output)

Model No.: SL14
Mount Height: 20 m
Isoillumination Plot



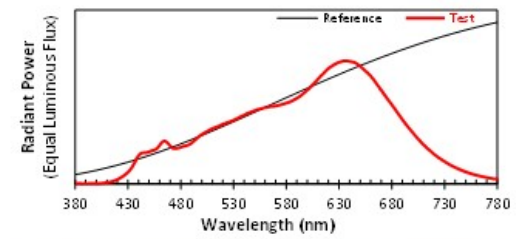
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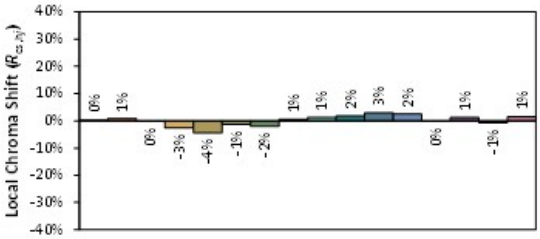
RESULTS OF TESTS (cont'd)

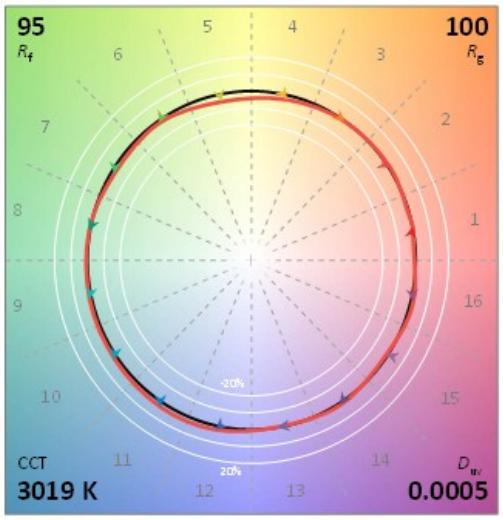
Test Condition: 15V 60Hz for SL14
Setting: 5 (Medium light output)

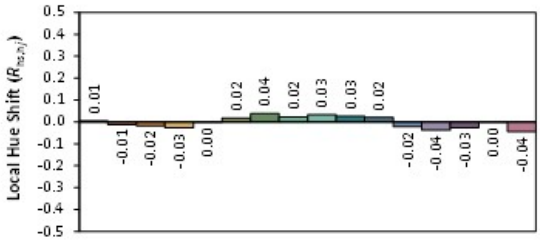
ANSI/IES TM-30-18 Color Rendition Report

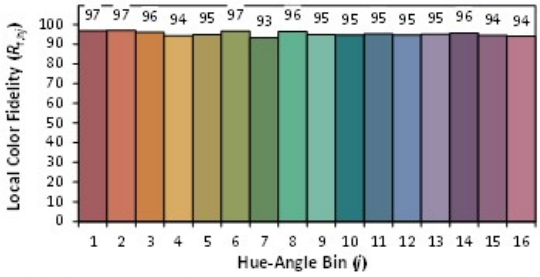
Source:	LED	**Manufacturer:**	STERLING LIGHTING LLC
Date:	6/25/2026	**Model:**	SL14

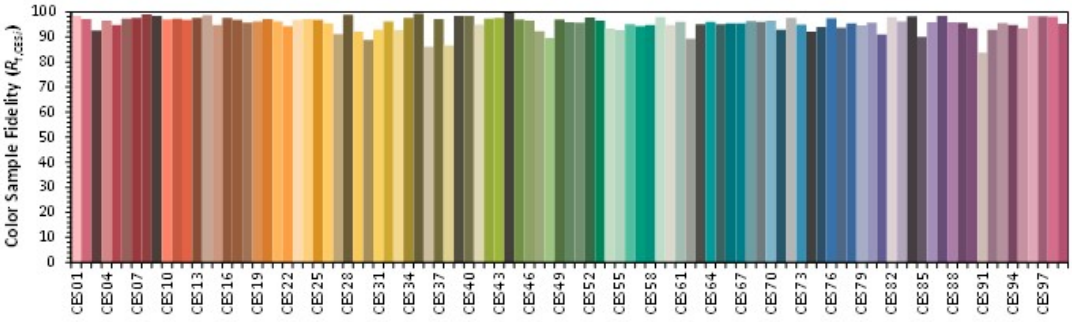












Notes: This is a recommended method for displaying ANSI/IES TM-30-18 information.

x	0.4363
y	0.4050
u'	0.2497
v'	0.5217

CIE 13.3-1995 (CRI)	
R_a	97
R_9	97

********** End of Page **********

RESULTS OF TESTS

Test Condition: 15V 60Hz for SL14
Setting: 6 (Minimum light output)

Total operation burning time: 70 min
Stabilization time: 60 min

Photometric Measurements at 25°C

Intertek Sample No.	Base Orientation	Correlated Color Temperature (K)	CRI	CIE 31' Chromaticity Coordinate (x)	CIE 31' Chromaticity Coordinate (y)	CIE 76' Chromaticity Coordinate (u')	CIE 76' Chromaticity Coordinate (v')
SL14							
A260623-30-001	N/A	3017	97	0.4363	0.4049	0.2498	0.5216

Photometric and Electrical Measurements at 25°C

Intertek Sample No.	Base Orientation	Input Voltage (Vac)	Input Current (A)	Lamp Input Power (Watts)	Input Power Factor	Absolute Luminous Flux (Lumens)	Lumen Efficacy (Lumens Per Watt)
SL14							
A260623-30-001	N/A	15.0	0.1456	1.4507	0.6630	94.6538	65.25

Zonal Lumen Summary and Percentages at 25°C

Zone	Lumens (lm)	% Luminaire (%)
SL14		
0-30	31.413	33.19
0-40	49.913	52.73
0-60	80.617	85.17
0-90	94.426	99.76
0-180	94.6538	100.0

Beam Angle

	Horizontal Spread (°)	Vertical Spread (°)
SL14		
Beam Angle (50%)	95.1	50.3
Average Beam Angle (°)	72.7	

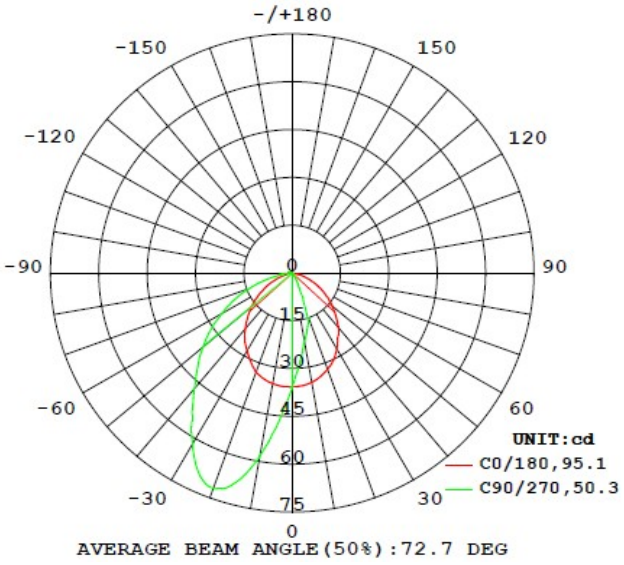
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RESULTS OF TESTS (cont'd)

Intensity (Candlepower) Summary at 25°C – Candelas

Test Condition: 15V 60Hz for SL14
Setting: 6 (Minimum light output)

G \ C(°)	0	22.5	45	67.5	90
0	35.75	35.75	35.75	35.75	35.75
5	35.50	32.34	29.95	28.44	27.87
10	34.86	29.12	24.92	22.78	22.06
15	33.67	25.57	21.19	18.98	18.21
20	32.10	22.46	18.15	15.38	12.40
25	30.20	19.88	15.12	7.10	5.21
30	27.58	17.18	8.70	3.40	2.47
35	24.74	14.82	4.23	1.69	1.28
40	22.12	12.37	2.06	0.78	0.31
45	19.17	7.77	1.10	0.00	0.00
50	16.24	4.68	0.23	0.00	0.00
55	13.36	2.49	0.00	0.00	0.00
60	10.50	1.14	0.00	0.00	0.00
65	7.74	0.22	0.00	0.00	0.00
70	5.12	0.00	0.00	0.00	0.00
75	2.82	0.00	0.00	0.00	0.00
80	1.11	0.00	0.00	0.00	0.00
85	0.14	0.00	0.00	0.00	0.00
90	0.00	0.00	0.00	0.00	0.00



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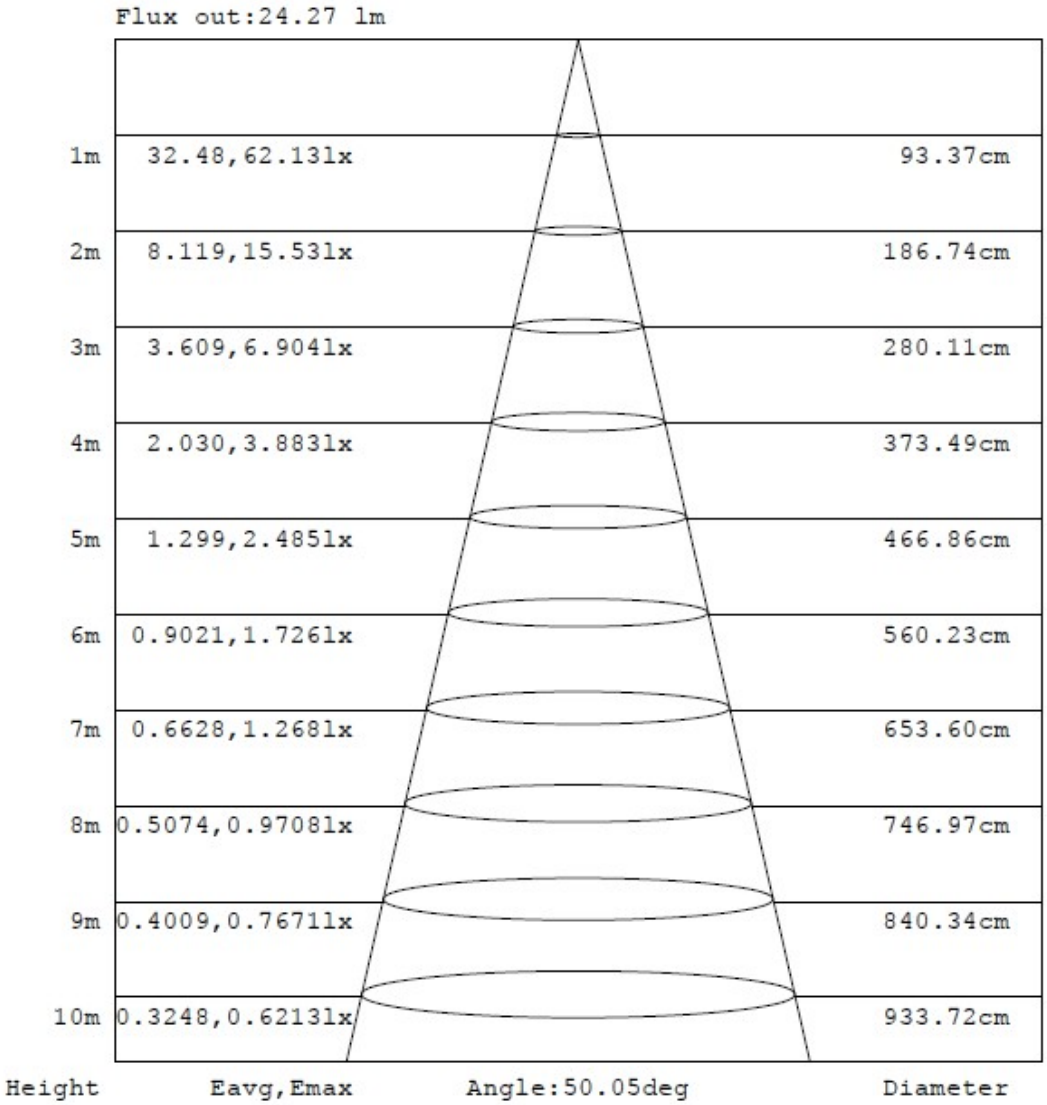
RESULTS OF TESTS (cont'd)

Test Condition: 15V 60Hz for SL14
Setting: 6 (Minimum light output)

Illumination Plots

Model No.: SL14
Mount Height: 10 m

Illuminance - Cone of Light



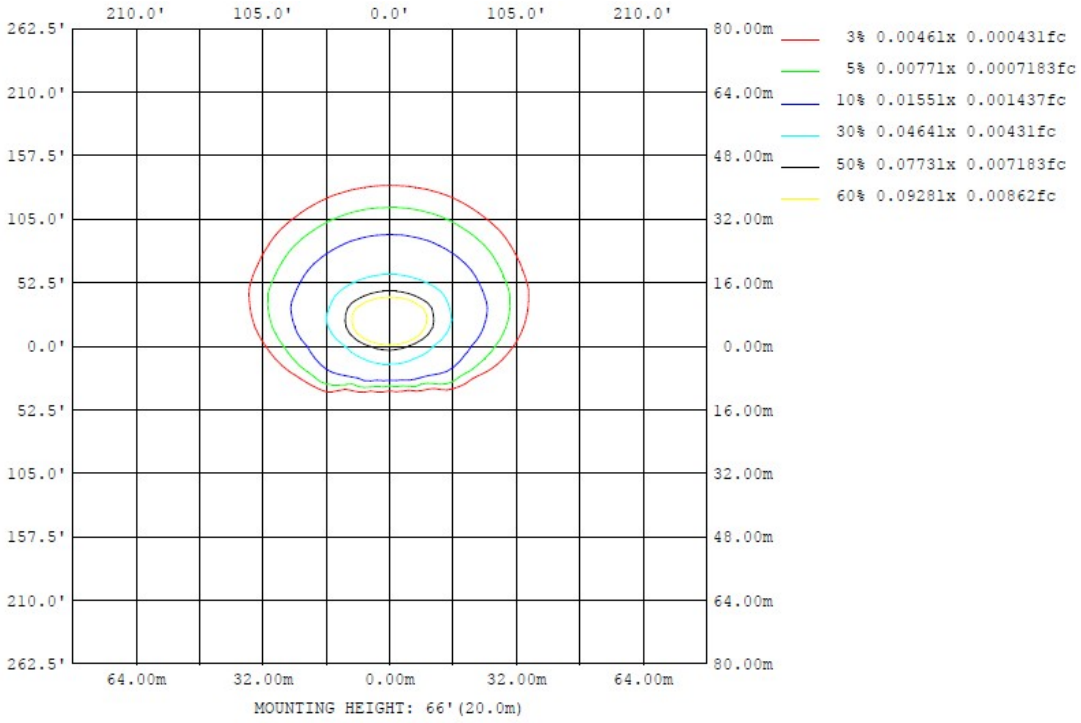
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

********** End of Page **********

RESULTS OF TESTS (cont'd)

Test Condition: 15V 60Hz for SL14
Setting: 6 (Minimum light output)

Model No.: SL14
Mount Height: 20 m
Isoillumination Plot



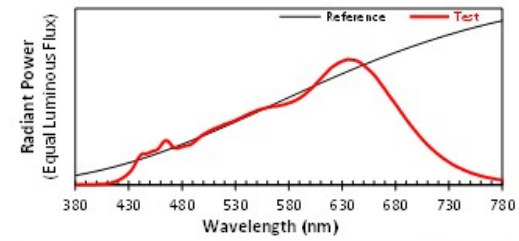
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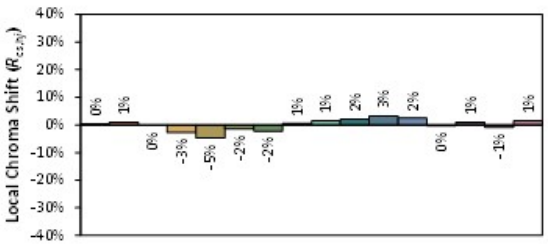
RESULTS OF TESTS (cont'd)

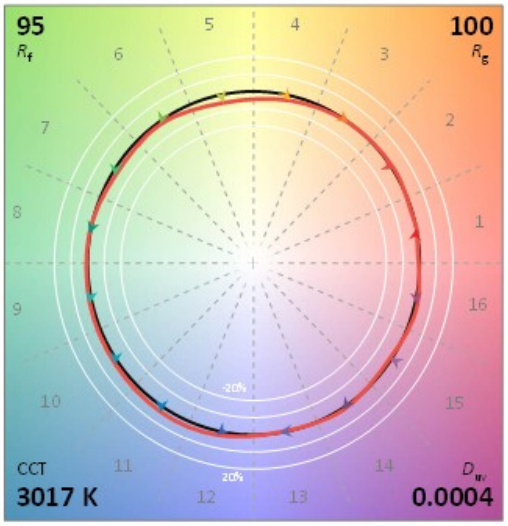
Test Condition: 15V 60Hz for SL14
Setting: 6 (Minimum light output)

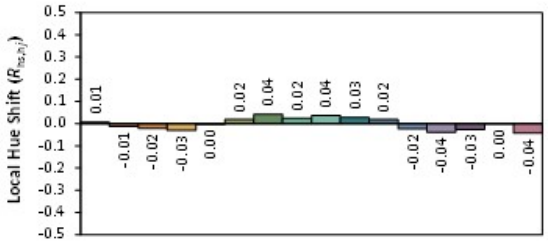
ANSI/IES TM-30-18 Color Rendition Report

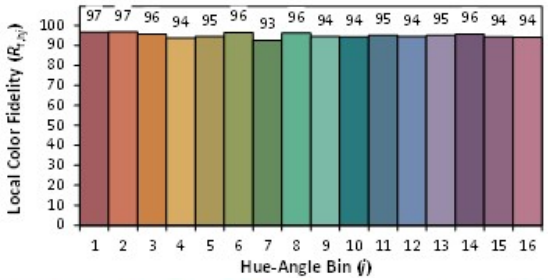
Source:	LED	**Manufacturer:**	STERLING LIGHTING LLC
Date:	6/25/2026	**Model:**	SL14

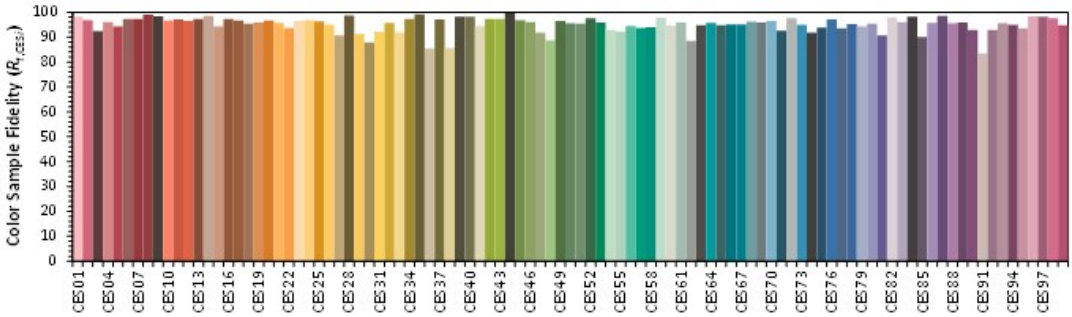












Notes: This is a recommended method for displaying ANSI/IES TM-30-18 information.

x	0.4363
y	0.4049
u'	0.2498
v'	0.5216

CIE 13.3-1995 (CRI)

R_a	97
R_9	96

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