

SR14SQLEDOA 44L 35K xx RT1414 MW xx FO

CANDLEPOWER CURVE
TEST SP-01645_3



Delivered Lumens: 3503
Luminaire Watts: 33.7
LER: 103.95

INTENSITY
CANDELA
0° AZIMUTH

0°
0° 1389
5° 1382
15° 1326
25° 1214
35° 1053
45° 847
55° 618
90° 3

CP at 0° (Nadir): 1389

ZONAL LUMENS

0° - 10°	133	4%
0° - 20°	505	14%
0° - 30°	1060	30%
0° - 40°	1712	49%
0° - 60°	2914	83%
0° - 80°	3459	99%
0° - 90°	3490	100%
Total	3503	100%

Beam Angle: 103°
Spacing Ratio: 1.21
Melanopic Ratio 0.54

SINGLE UNIT: PERFORMANCE
HORIZONTAL FOOTCANDLES
INITIAL DOWNLIGHT ONLY

Mounting Distance	FC at Beam Center	Diameter at Beam Angle	FC at Beam Edge
5.5'	46 fc	13.9'	5 fc
6.5'	33 fc	16.5'	4 fc
7.5'	25 fc	19.0'	3 fc
8.5'	19 fc	21.5'	2 fc
10.0'	14 fc	25.3'	2 fc
12.0'	10 fc	30.4'	1 fc
14.0'	7 fc	35.5'	1 fc
16.0'	5 fc	40.6'	1 fc

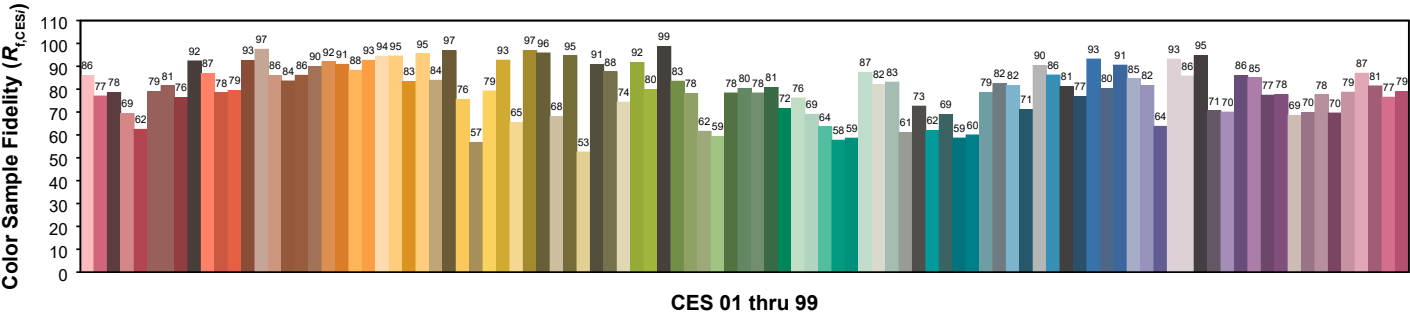
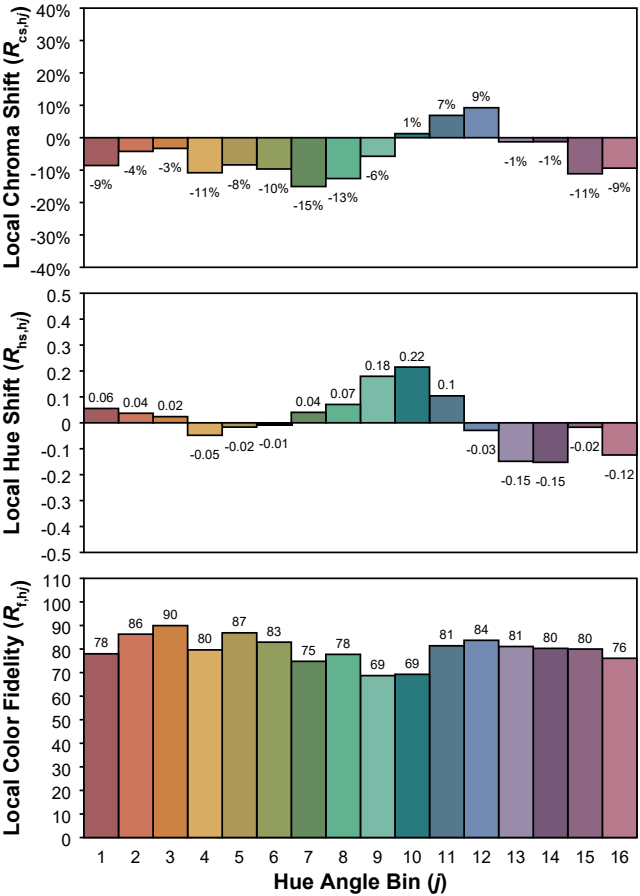
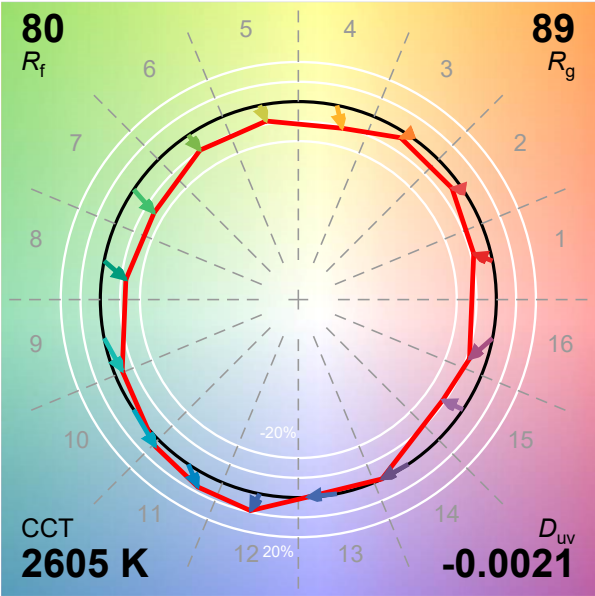
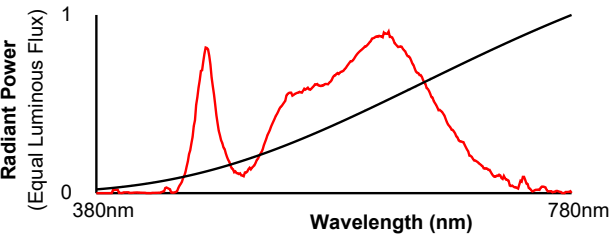
MULTIPLE UNITS: PERFORMANCE
80/50/20% REFLECTANCES
HORIZONTAL FOOTCANDLES AND WATTS/SQ FT

Ceiling Height	Fixture Spacing	RCR 2		RCR 4	
		FC +	W/Sq. Ft.	FC +	W/Sq. Ft.
9'	6'	75	0.80	85	1.15
12'	8'	50	0.54	40	0.54
16'	12'	17	0.18	20	0.27
Delivered Illuminance Rating: (DIR)		94 FC per W/Sq. Ft.		74 FC per W/Sq. Ft.	
Recessed mounting Square rooms used for multiple units: RCR 2: Length & Width = Ceiling Ht. - 2.5' x 5.00 RCR 4: Length & Width = Ceiling Ht. - 2.5' x 2.50 + Average Initial Footcandles at 2.5' Above Floor					

IES TM-30-18 Color Rendition Report

Manufacturer: Spectrum Lighting

Model: SP-01645_3 ~ SR14SQLEDOA 44L 35K xx RT1414 MW xx FO



Luminous Flux:	3027 lm
Radiant Flux:	10 Wrad
Electrical Power:	33.7 W
Efficacy:	90 lm/W
Melanopic Flux:	1644 mel lm
Melanopic Ratio:	0.54
CCT:	2605K
xy Coordinates:	0.457, 0.404
u'v' Coordinates:	0.263, 0.524
Delta u'v':	-0.0021

CIE u'v' (1976)

