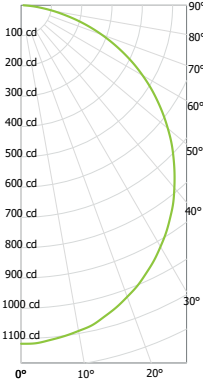


SR14SQLEDOA 44L 35K xx FT1414 MW xx FO

CANDLEPOWER CURVE
TEST SP-01644_3



Delivered Lumens: 3061
Luminaire Watts: 33.7
LER: 90.83

INTENSITY
CANDELA
0° AZIMUTH

0°
0° 1117
5° 1109
15° 1063
25° 976
35° 857
45° 711
55° 549
90° 8

CP at 0° (Nadir): 1117

ZONAL LUMENS

0° - 10°	107	3%
0° - 20°	407	13%
0° - 30°	857	28%
0° - 40°	1392	45%
0° - 60°	2430	79%
0° - 80°	3000	98%
0° - 90°	3049	100%
Total	3061	100%

Beam Angle: 109°
Spacing Ratio: 1.23
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'	37 fc	15.3'	4 fc
6.5'	26 fc	18.1'	3 fc
7.5'	20 fc	20.9'	2 fc
8.5'	15 fc	23.7'	2 fc
10.0'	11 fc	27.8'	1 fc
12.0'	8 fc	33.4'	1 fc
14.0'	6 fc	39.0'	1 fc
16.0'	4 fc	44.6'	0 fc

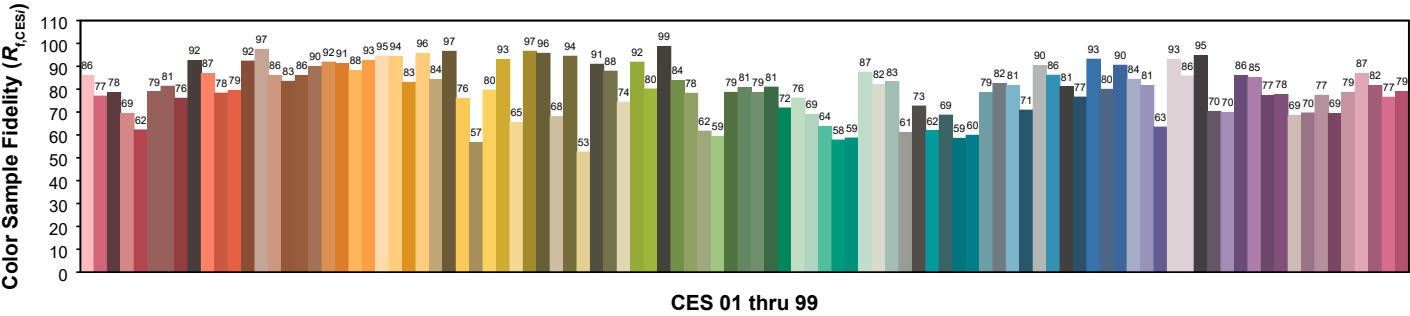
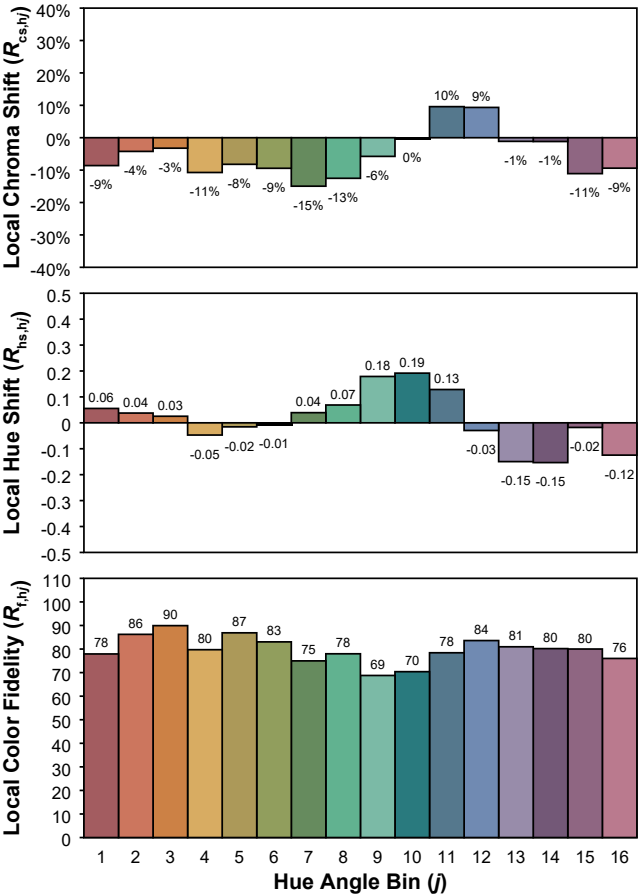
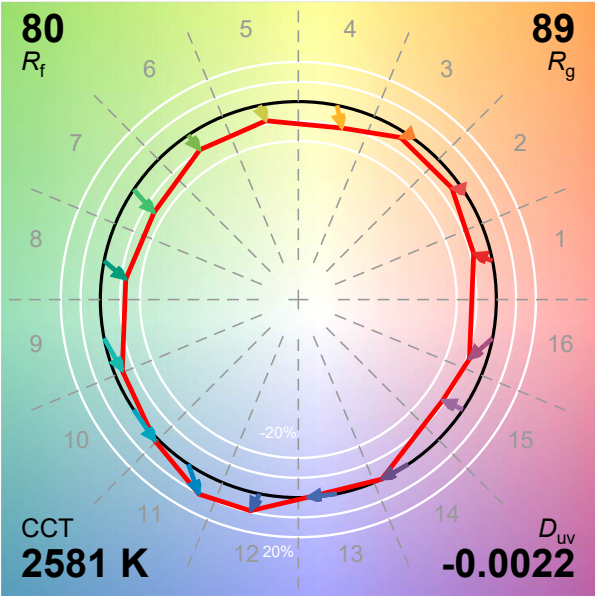
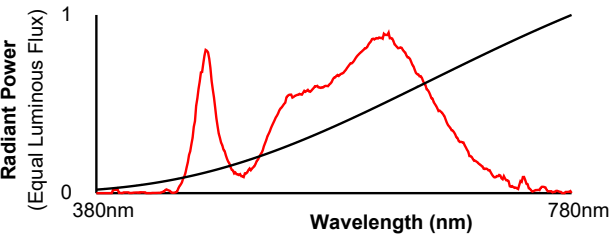
MULTIPLE UNITS: PERFORMANCE
80/50/20% REFLECTANCES
HORIZONTAL FOOTCANDLES AND WATTS/SQ FT

Ceiling Height	Fixture Spacing	RCR 2		RCR 4	
		FC +	W/Sq. Ft.	FC +	W/Sq. Ft.
9'	6'	64	0.80	72	1.15
12'	8'	43	0.54	34	0.54
16'	12'	15	0.18	17	0.27
Delivered Illuminance Rating: (DIR)		80 FC per W/Sq. Ft.		63 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-01644_3 ~ SR14SQLEDOA 44L 35K xx FT1414 MW xx FO



Luminous Flux:	2641 lm
Radiant Flux:	9 Wrad
Electrical Power:	33.7 W
Efficacy:	78 lm/W
Melanopic Flux:	1416 mel lm
Melanopic Ratio:	0.54
CCT:	2581K
xy Coordinates:	0.458, 0.404
u'v' Coordinates:	0.264, 0.525
Delta u'v':	-0.0022

CIE u'v' (1976)

