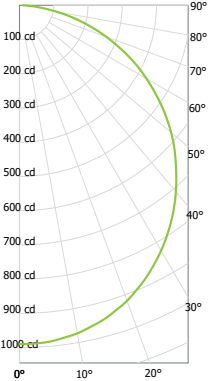


SR12SQLEDOA 44L 35K xx FT1212 MW xx FO

CANDLEPOWER CURVE
TEST SP-01642_3



Delivered Lumens: 2736
Luminaire Watts: 33.7
LER: 81.19

INTENSITY
CANDELA
0° AZIMUTH

0°
0° 989
5° 987
15° 950
25° 877
35° 772
45° 645
55° 504
90° 11

CP at 0° (Nadir): 989

ZONAL LUMENS

0° - 10°	95	3%
0° - 20°	361	13%
0° - 30°	759	28%
0° - 40°	1234	45%
0° - 60°	2160	79%
0° - 80°	2675	98%
0° - 90°	2722	99%
Total	2736	100%

Beam Angle: 109°
Spacing Ratio: 1.24
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'	33 fc	15.5'	3 fc
6.5'	23 fc	18.3'	2 fc
7.5'	18 fc	21.2'	2 fc
8.5'	14 fc	24.0'	1 fc
10.0'	10 fc	28.2'	1 fc
12.0'	7 fc	33.9'	1 fc
14.0'	5 fc	39.5'	0 fc
16.0'	4 fc	45.1'	0 fc

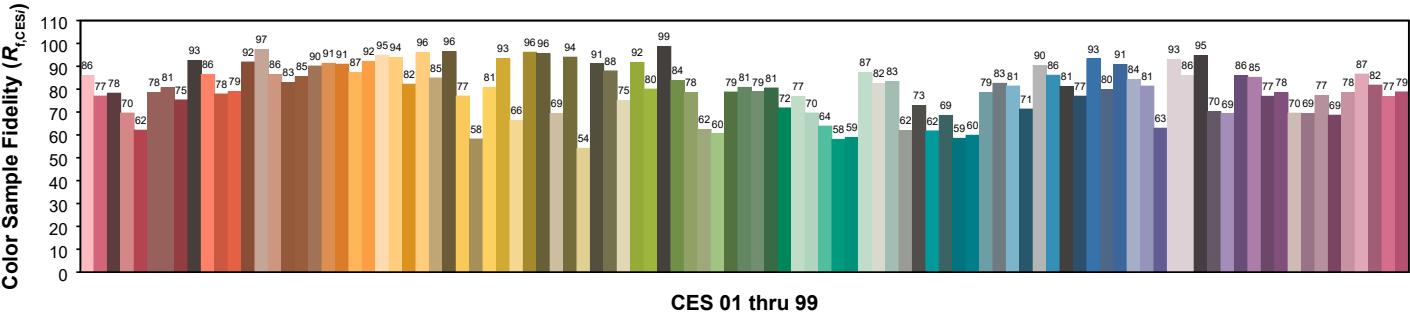
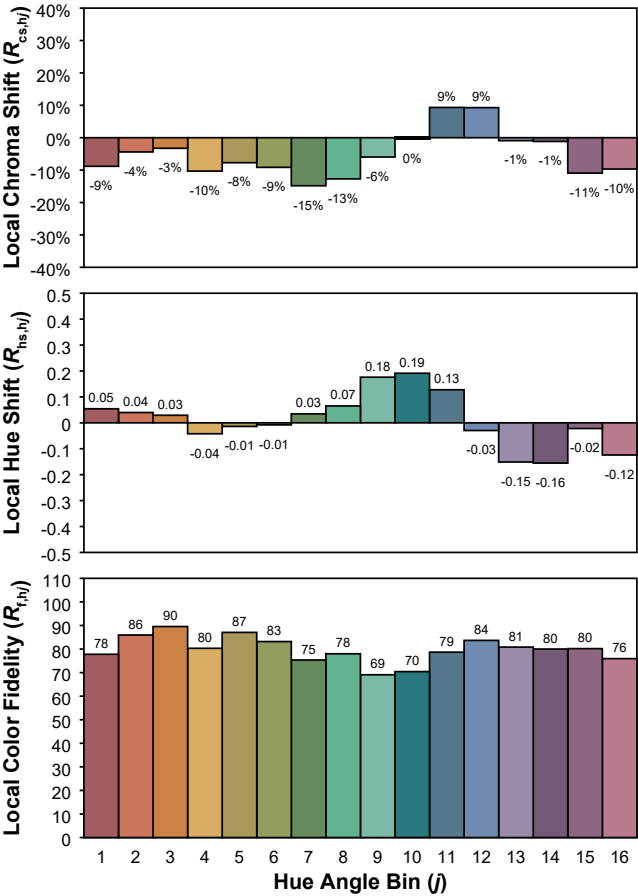
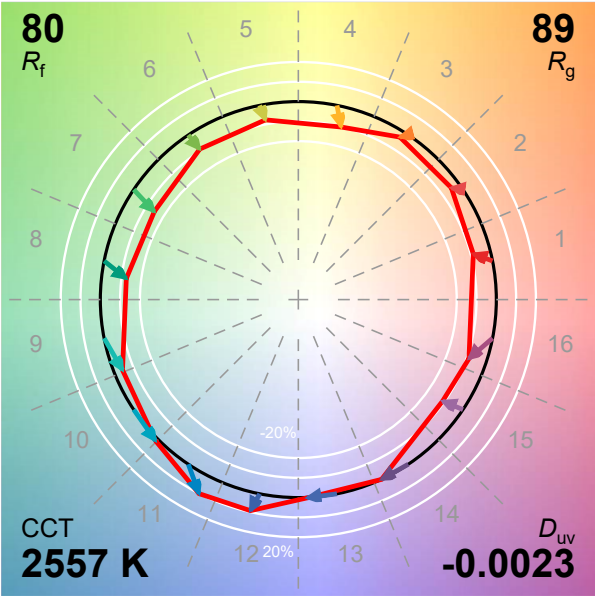
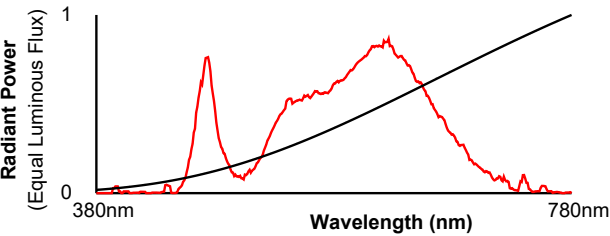
MULTIPLE UNITS: PERFORMANCE
80/50/20% REFLECTANCES
HORIZONTAL FOOTCANDLES AND WATTS/SQ FT

Ceiling Height	Fixture Spacing	RCR 2		RCR 4	
		FC +	W/Sq. Ft.	FC +	W/Sq. Ft.
9'	6'	57	0.80	64	1.15
12'	8'	39	0.54	30	0.54
16'	12'	13	0.18	15	0.27
Delivered Illuminance Rating: (DIR)		72 FC per W/Sq. Ft.		56 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-01642_3 ~ SR12SQLEDOA 44L 35K xx FT1212 MW xx FO



Luminous Flux:	2343 lm
Radiant Flux:	8 Wrad
Electrical Power:	33.7 W
Efficacy:	70 lm/W
Melanopic Flux:	1262 mel lm
Melanopic Ratio:	0.54
CCT:	2557K
xy Coordinates:	0.46, 0.404
u'v' Coordinates:	0.265, 0.525
Delta u'v':	-0.0023

CIE u'v' (1976)

