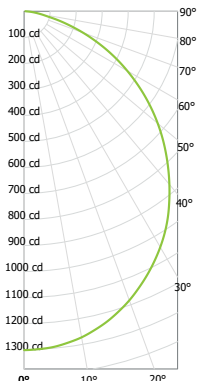


SR12SQLEDOA 44L 35K xx RT1212 MW xx FO

CANDLEPOWER CURVE  
TEST SP-01643\_3



Delivered Lumens: 3209  
Luminaire Watts: 33.7  
LER: 95.22

INTENSITY  
CANDELA  
0° AZIMUTH

0°	
0°	1302
5°	1295
15°	1234
25°	1119
35°	964
45°	771
55°	565
90°	5

ZONAL LUMENS

0° - 10°	124	4%
0° - 20°	470	15%
0° - 30°	980	31%
0° - 40°	1573	49%
0° - 60°	2659	83%
0° - 80°	3163	99%
0° - 90°	3199	100%
Total	3209	100%

SINGLE UNIT: PERFORMANCE  
HORIZONTAL FOOTCANDLES  
INITIAL DOWNLIGHT ONLY

Mounting Distance	FC at Beam Center	Diameter at Beam Angle	FC at Beam Edge
5.5'	43 fc	13.6'	5 fc
6.5'	31 fc	16.0'	4 fc
7.5'	23 fc	18.5'	3 fc
8.5'	18 fc	21.0'	2 fc
10.0'	13 fc	24.7'	2 fc
12.0'	9 fc	29.6'	1 fc
14.0'	7 fc	34.5'	1 fc
16.0'	5 fc	39.4'	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'	68	0.80	78	1.15
12'	8'	46	0.54	36	0.54
16'	12'	16	0.18	18	0.27
Delivered Illuminance Rating: (DIR)		86 FC per W/Sq. Ft.		68 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					

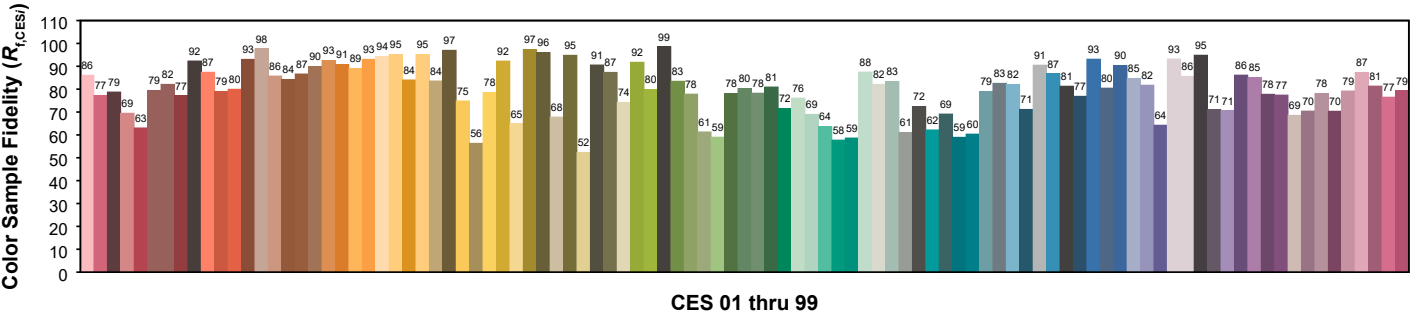
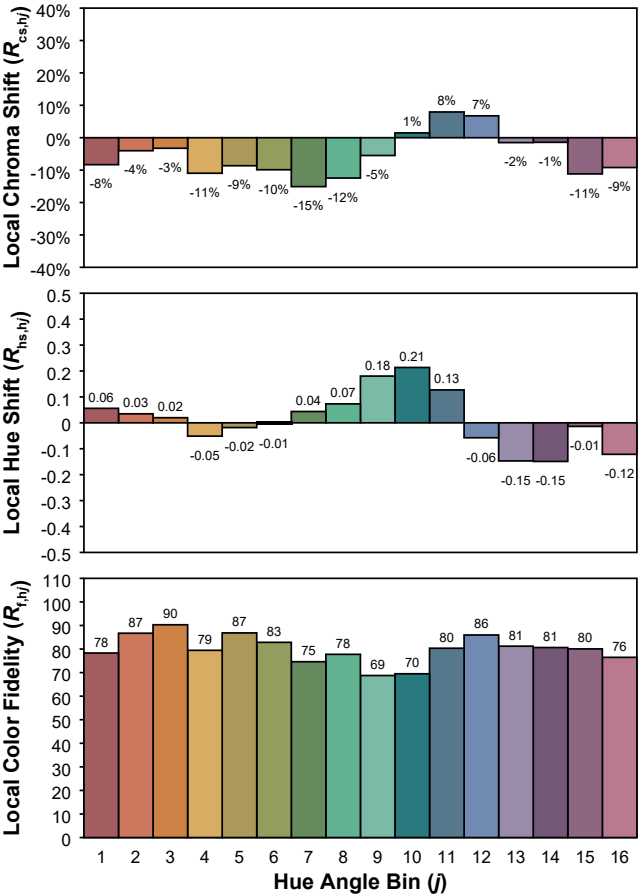
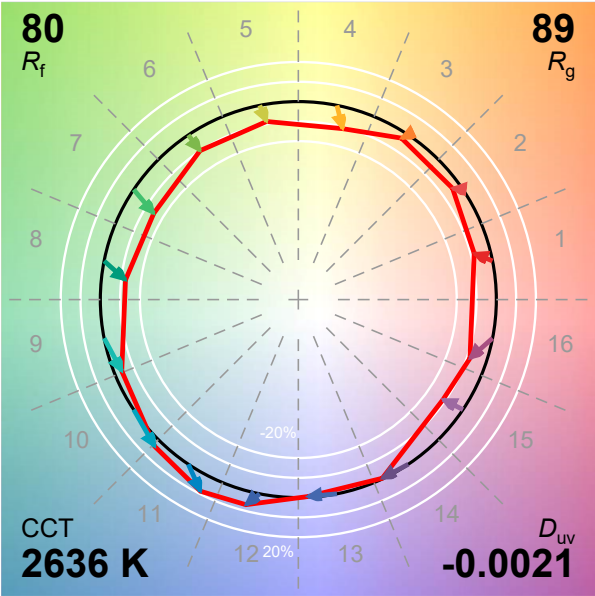
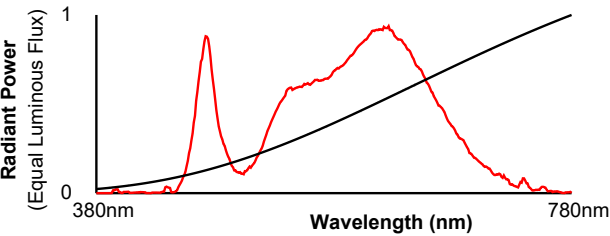
CP at 0° (Nadir): 1302

Beam Angle: 102°  
Spacing Ratio: 1.19  
Melanopic Ratio 0.55

IES TM-30-18 Color Rendition Report

Manufacturer: Spectrum Lighting

Model: SP-01643\_3 ~ SR12SQLEDOA 44L 35K xx RT1212 MW xx FO



Luminous Flux:	2789 lm
Radiant Flux:	9 Wrad
Electrical Power:	33.7 W
Efficacy:	83 lm/W
Melanopic Flux:	1544 mel lm
Melanopic Ratio:	0.55
CCT:	2636K
xy Coordinates:	0.455, 0.404
u'v' Coordinates:	0.262, 0.524
Delta u'v':	-0.0021

CIE u'v' (1976)

