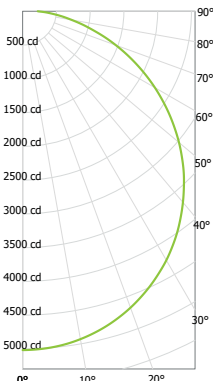


CANDLEPOWER CURVE
TEST SP-01624_1



Delivered Lumens: 14974
Luminaire Watts: 121.7
LER: 123.04

INTENSITY
CANDELA
0° AZIMUTH

0°	
0°	5017
5°	4995
15°	4822
25°	4481
35°	3993
45°	3374
55°	2649
90°	225

ZONAL LUMENS

0° - 10°	482	3%
0° - 20°	1842	12%
0° - 30°	3905	26%
0° - 40°	6398	43%
0° - 60°	11357	76%
0° - 80°	14354	96%
0° - 90°	14861	99%
Total	14974	100%

SINGLE UNIT: PERFORMANCE
HORIZONTAL FOOTCANDLES
INITIAL DOWNLIGHT ONLY

Mounting Distance	FC at Beam Center	Diameter at Beam Angle	FC at Beam Edge
8'	78 fc	24.4'	6 fc
10'	50 fc	30.6'	4 fc
12'	35 fc	36.7'	3 fc
14'	26 fc	42.8'	2 fc
16'	20 fc	48.9'	2 fc
20'	13 fc	61.1'	1 fc
24'	9 fc	73.3'	1 fc
28'	6 fc	85.6'	1 fc

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

Ceiling Height	Fixture Spacing	RCR 1		RCR 3	
		FC +	W/Sq. Ft.	FC +	W/Sq. Ft.
18'	14'	77	0.63	59	0.63
22'	16'	55	0.45	34	0.36
26'	18'	43	0.35	39	0.42
Delivered Illuminance Rating: (DIR)		123 FC per W/Sq. Ft.		94 FC per W/Sq. Ft.	
3' Suspension Length to luminous aperture Square rooms used for multiple units: RCR 1: Length & Width = Ceiling Ht. - 5.5' x 10.00 RCR 3: Length & Width = Ceiling Ht. - 5.5' x 3.33 + Average Initial Footcandles at 2.5' Above Floor					

CP at 0° (Nadir): 5017

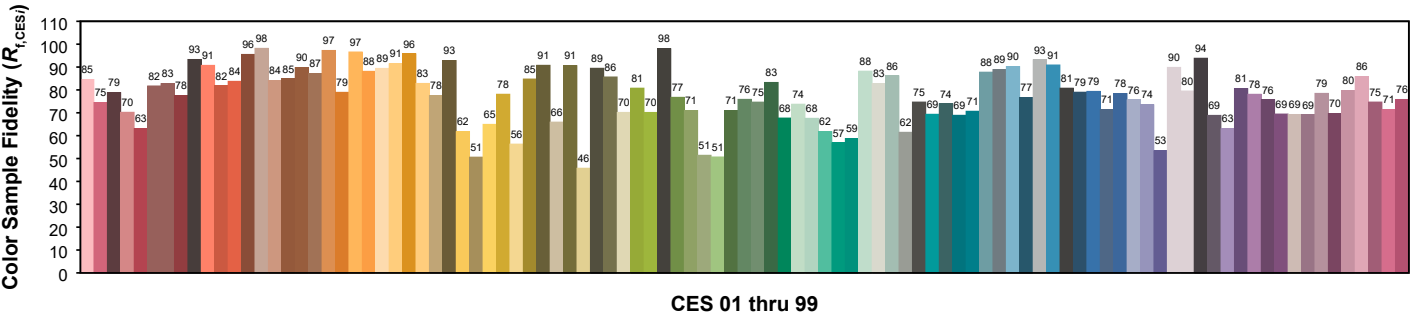
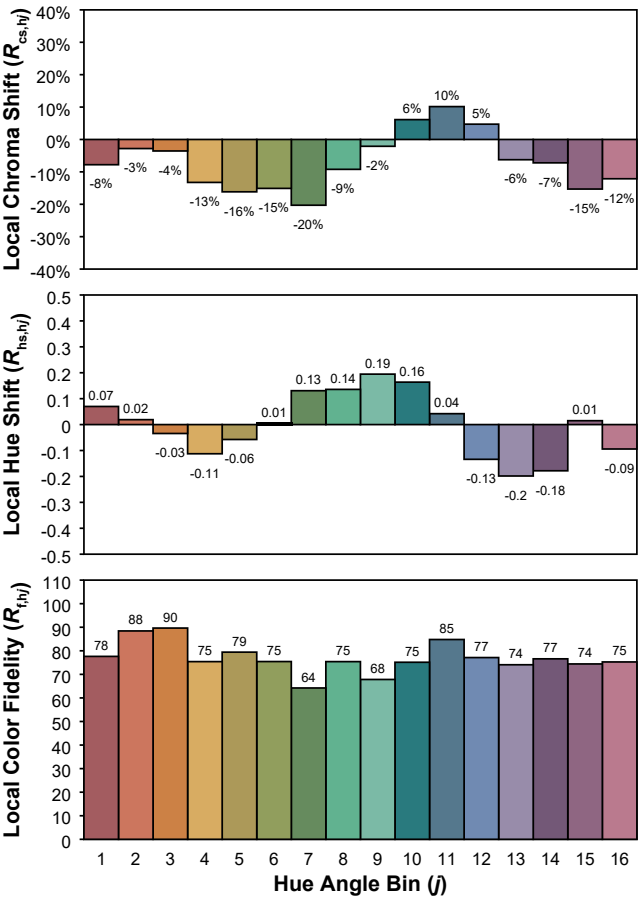
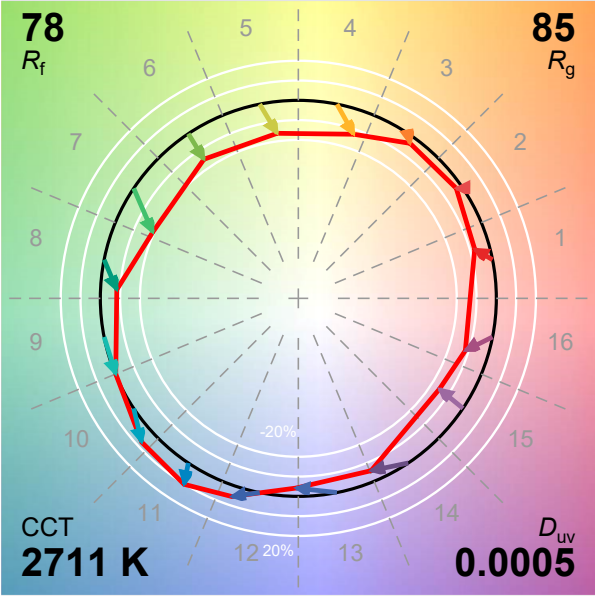
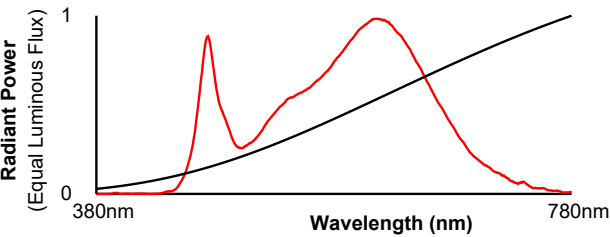
Beam Angle: 114°
Spacing Ratio: 1.25
Melanopic Ratio 0.61

Lumen Multiplier: 150L x 0.78
CCT Multiplier: 30K x 0.99, 40K x 1.03

IES TM-30-18 Color Rendition Report

Manufacturer: Spectrum Lighting

Model: SP-01624_1 ~ LED2208LED 240L 35K xx DDA xx xx



Luminous Flux: 13233 lm
Radiant Flux: 44 Wrad
Electrical Power: 121.7 W
Efficacy: 109 lm/W
Melanopic Flux: 8036 mel lm
Melanopic Ratio: 0.61
CCT: 2711K
xy Coordinates: 0.454, 0.41
u'v' Coordinates: 0.259, 0.526
Delta u'v': 0.0005

CIE u'v' (1976)

