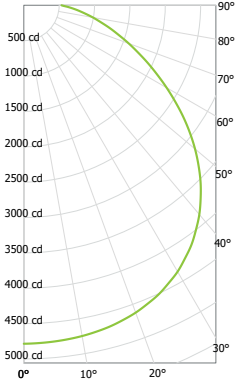


CANDLEPOWER CURVE  
TEST SP-01623\_1



Delivered Lumens: 16249  
Luminaire Watts: 121.7  
LER: 133.52

INTENSITY  
CANDELA  
0° AZIMUTH

0°
0° 4785
5° 4774
15° 4702
25° 4510
35° 4133
45° 3534
55° 2752
90° 534

ZONAL LUMENS

0° - 10°	463	3%
0° - 20°	1798	11%
0° - 30°	3892	24%
0° - 40°	6493	40%
0° - 60°	11699	72%
0° - 80°	14951	92%
0° - 90°	15761	97%
Total	16249	100%

SINGLE UNIT: PERFORMANCE  
HORIZONTAL FOOTCANDLES  
INITIAL DOWNLIGHT ONLY

Mounting Distance	FC at Beam Center	Diameter at Beam Angle	FC at Beam Edge
8'	75 fc	26.8'	5 fc
10'	48 fc	33.5'	3 fc
12'	33 fc	40.2'	2 fc
14'	24 fc	46.9'	2 fc
16'	19 fc	53.6'	1 fc
20'	12 fc	67.0'	1 fc
24'	8 fc	80.4'	1 fc
28'	6 fc	93.8'	0 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'	82	0.63	63	0.63
22'	16'	58	0.45	36	0.36
26'	18'	46	0.35	41	0.42
Delivered Illuminance Rating: (DIR)		131 FC per W/Sq. Ft.		99 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): 4785

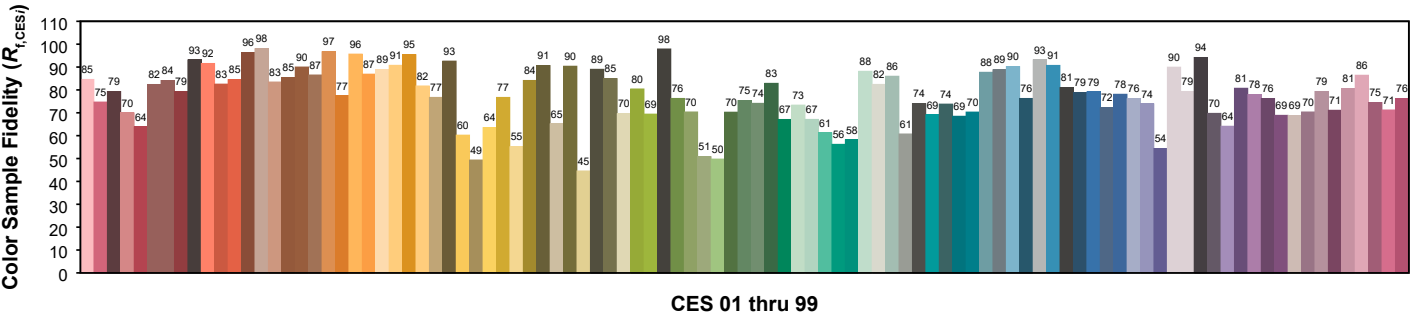
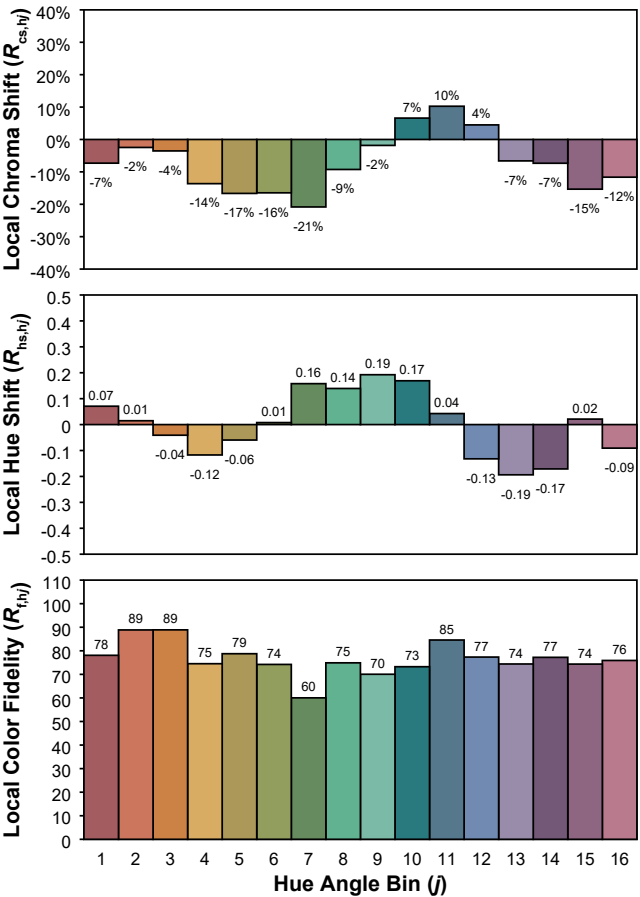
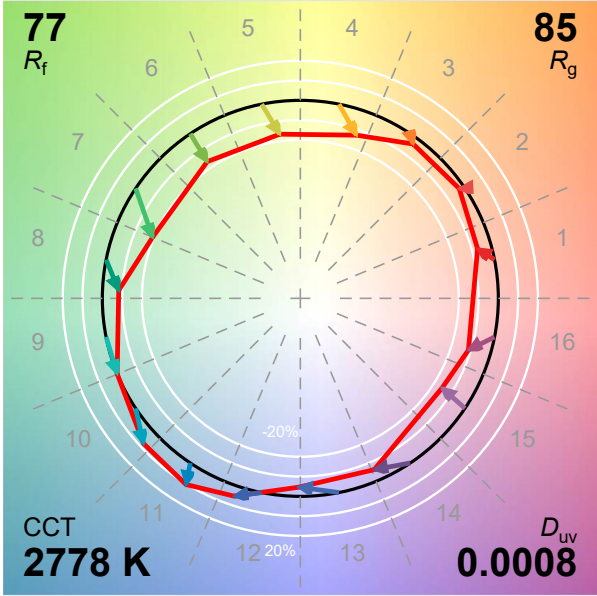
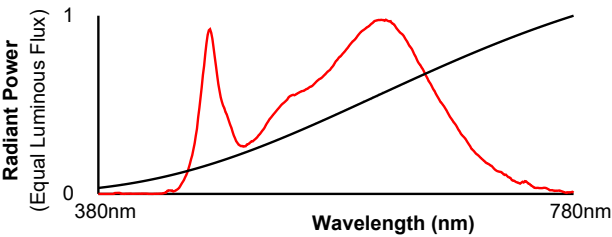
Beam Angle: 118°  
Spacing Ratio: 1.34  
Melanopic Ratio 0.62

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-01623\_1 ~ LED2208LED 240L 35K xx TJL xx xx



Luminous Flux:	14426 lm
Radiant Flux:	48 Wrad
Electrical Power:	121.7 W
Efficacy:	119 lm/W
Melanopic Flux:	9002 mel lm
Melanopic Ratio:	0.62
CCT:	2778K
xy Coordinates:	0.45, 0.41
u'v' Coordinates:	0.256, 0.526
Delta u'v':	0.0008

CIE u'v' (1976)

