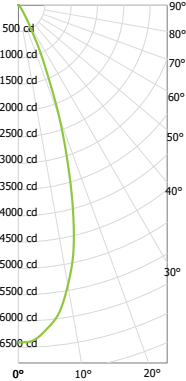


CANDLEPOWER CURVE
TEST SP-15009_2



Delivered Lumens: 2271
Luminaire Watts: 20
LER: 113.55

INTENSITY
CANDELA
0° AZIMUTH

0°
0° 6405
5° 6173
15° 3991
25° 975
35° 151
45° 49
55° 16
90° 1

ZONAL LUMENS

0° - 10°	575	25%
0° - 20°	1633	72%
0° - 30°	2099	92%
0° - 40°	2202	97%
0° - 60°	2255	99%
0° - 80°	2259	99%
0° - 90°	2261	100%
Total	2271	100%

SINGLE UNIT: PERFORMANCE
HORIZONTAL FOOTCANDLES
INITIAL DOWNLIGHT ONLY

Mounting Distance	FC at Beam Center	Diameter at Beam Angle	FC at Beam Edge
6.5'	152 fc	4.0'	66 fc
7.5'	114 fc	4.6'	50 fc
8.5'	89 fc	5.2'	39 fc
10.0'	64 fc	6.2'	28 fc
12.0'	44 fc	7.4'	19 fc
14.0'	33 fc	8.6'	14 fc
16.0'	25 fc	9.9'	11 fc
20.0'	16 fc	12.3'	7 fc

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

Ceiling Height	Fixture Spacing	RCR 3		RCR 5	
		FC +	W/Sq. Ft.	FC +	W/Sq. Ft.
12'	4'	138	1.22	115	1.11
15'	5'	99	0.87	63	0.60
18'	6'	62	0.55	62	0.59
Delivered Illuminance Rating: (DIR)		113 FC per W/Sq. Ft.		104 FC per W/Sq. Ft.	
1' Suspension Length to luminous aperture Square rooms used for multiple units: RCR 3: Length & Width = Ceiling Ht. - 3.5' x 3.33 RCR 5: Length & Width = Ceiling Ht. - 3.5' x 2.00 + Average Initial Footcandles at 2.5' Above Floor					

CP at 0° (Nadir): 6405

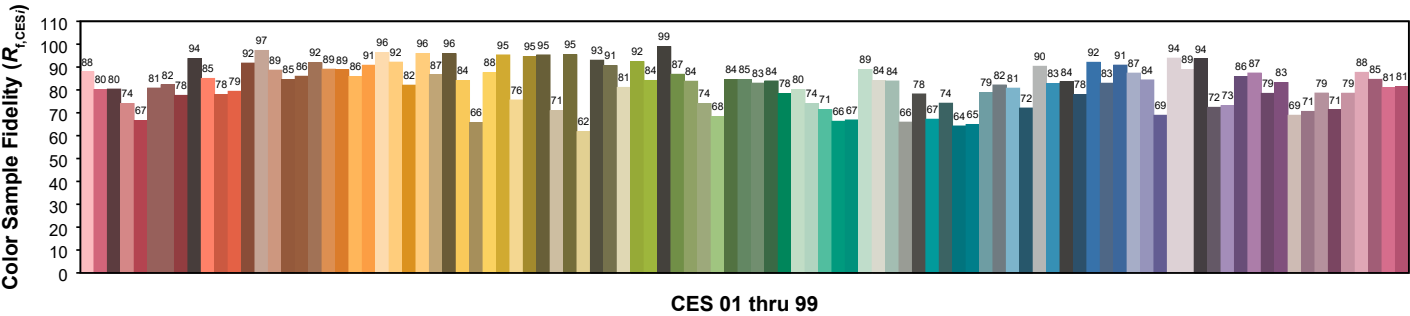
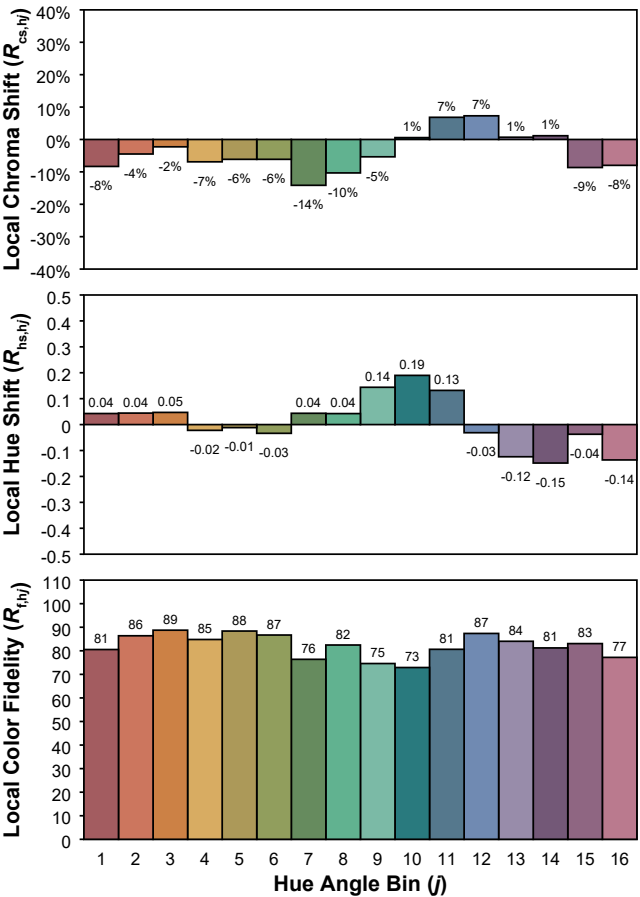
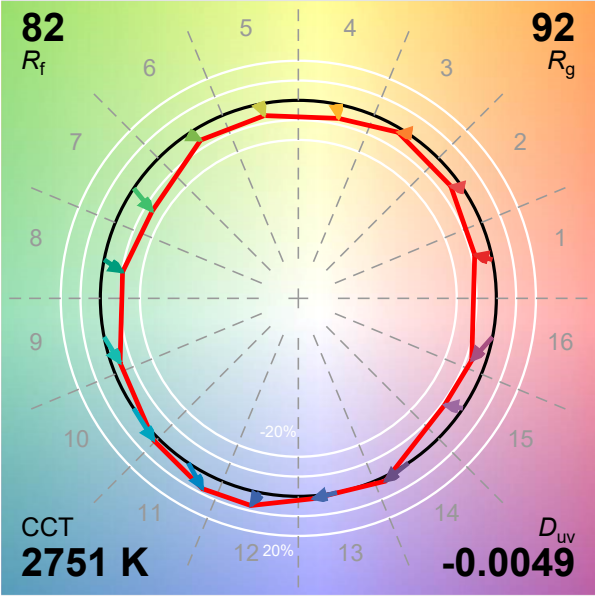
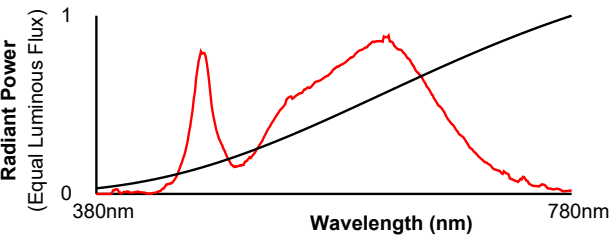
Beam Angle: 34°
Spacing Ratio: 0.57
Melanopic Ratio 0.58

CCT Multiplier: 30K x .93

IES TM-30-18 Color Rendition Report

Manufacturer: Spectrum Lighting

Model: SP-15009_2 ~ TSRA31 21L 35K MD E1 BET xx



Luminous Flux: 2003 lm
Radiant Flux: 7 Wrad
Electrical Power: 20 W
Efficacy: 100 lm/W
Melanopic Flux: 1153 mel lm
Melanopic Ratio: 0.58
CCT: 2751K
xy Coordinates: 0.443, 0.394
u'v' Coordinates: 0.259, 0.518
Delta u'v': -0.0049

CIE u'v' (1976)

