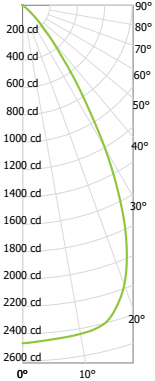


CANDLEPOWER CURVE  
TEST SP-15009\_3



Delivered Lumens: 2265  
Luminaire Watts: 20  
LER: 113.25

INTENSITY  
CANDELA  
0° AZIMUTH

0°
0° 2470
5° 2451
15° 2390
25° 1764
35° 670
45° 160
55° 19
90° 1

ZONAL LUMENS

0° - 10°	238	11%
0° - 20°	899	40%
0° - 30°	1677	74%
0° - 40°	2102	93%
0° - 60°	2250	99%
0° - 80°	2255	100%
0° - 90°	2256	100%
Total	2265	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'	58 fc	7.4'	19 fc
7.5'	44 fc	8.5'	14 fc
8.5'	34 fc	9.7'	11 fc
10.0'	25 fc	11.4'	8 fc
12.0'	17 fc	13.7'	6 fc
14.0'	13 fc	16.0'	4 fc
16.0'	10 fc	18.2'	3 fc
20.0'	6 fc	22.8'	2 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'	4'	148	1.30	96	0.95
12'	5'	81	0.71	71	0.71
15'	6'	56	0.49	39	0.39
Delivered Illuminance Rating: (DIR)		114 FC per W/Sq. Ft.		100 FC per W/Sq. Ft.	
1' Suspension Length to luminous aperture Square rooms used for multiple units: RCR 2: Length & Width = Ceiling Ht. - 3.5' x 5.00 RCR 4: Length & Width = Ceiling Ht. - 3.5' x 2.50 + Average Initial Footcandles at 2.5' Above Floor					

CP at 0° (Nadir): 2470

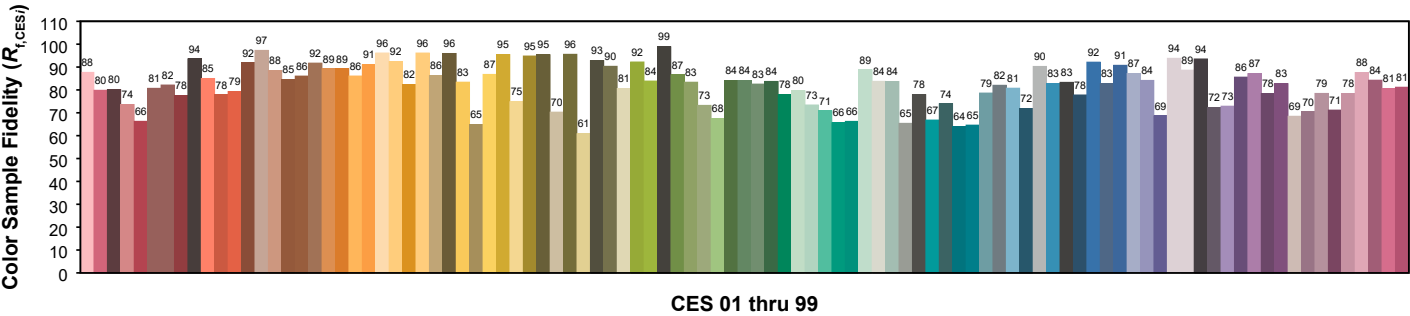
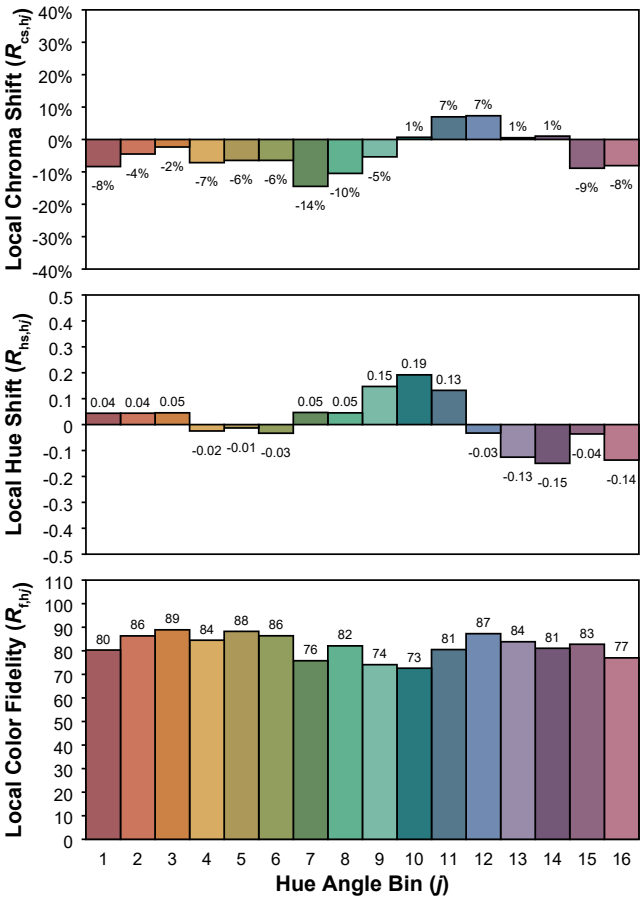
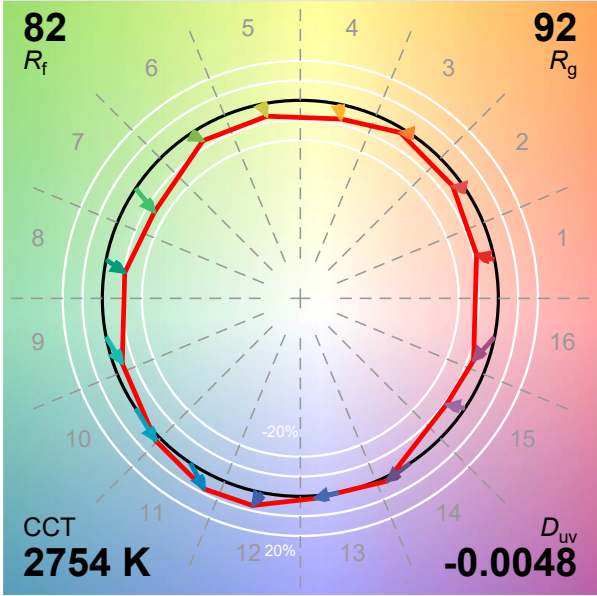
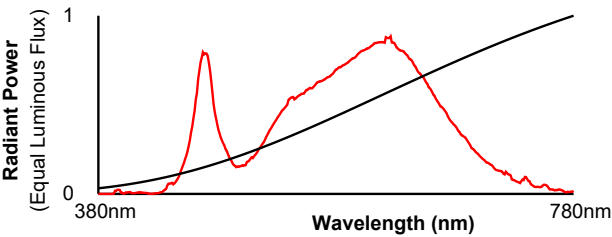
Beam Angle: 59°  
Spacing Ratio: 0.95  
Melanopic Ratio 0.58

CCT Multiplier: 30K x .93

IES TM-30-18 Color Rendition Report

Manufacturer: Spectrum Lighting

Model: SP-15009\_3 ~ TSRA31 21L 35K XW E1 BET xx



Luminous Flux:	1991 lm
Radiant Flux:	7 Wrad
Electrical Power:	20 W
Efficacy:	100 lm/W
Melanopic Flux:	1151 mel lm
Melanopic Ratio:	0.58
CCT:	2754K
xy Coordinates:	0.443, 0.394
u'v' Coordinates:	0.259, 0.518
Delta u'v':	-0.0048

CIE u'v' (1976)

