

CANDLEPOWER CURVE
TEST SP-15008_1

Delivered Lumens: 1288
Luminaire Watts: 15
LER: 85.87

INTENSITY
CANDELA
0° AZIMUTH

0°
0° 6401
5° 5685
15° 1880
25° 305
35° 84
45° 30
55° 11
90° 1

CP at 0° (Nadir): 6401
CRI: 80+

ZONAL LUMENS

0° - 10°	478	37%
0° - 20°	1010	78%
0° - 30°	1176	91%
0° - 40°	1237	96%
0° - 60°	1273	99%
0° - 80°	1278	99%
0° - 90°	1280	99%
Total	1288	100%

Beam Angle: 23°
Spacing Ratio: 0.39
Melanopic Ratio 0.57

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	2.7 '	71 fc
7.5 '	114 fc	3.1 '	53 fc
8.5 '	89 fc	3.5 '	42 fc
10.0 '	64 fc	4.1 '	30 fc
12.0 '	44 fc	4.9 '	21 fc
14.0 '	33 fc	5.8 '	15 fc
16.0 '	25 fc	6.6 '	12 fc
20.0 '	16 fc	8.2 '	8 fc

CCT Multiplier: 30K x .93

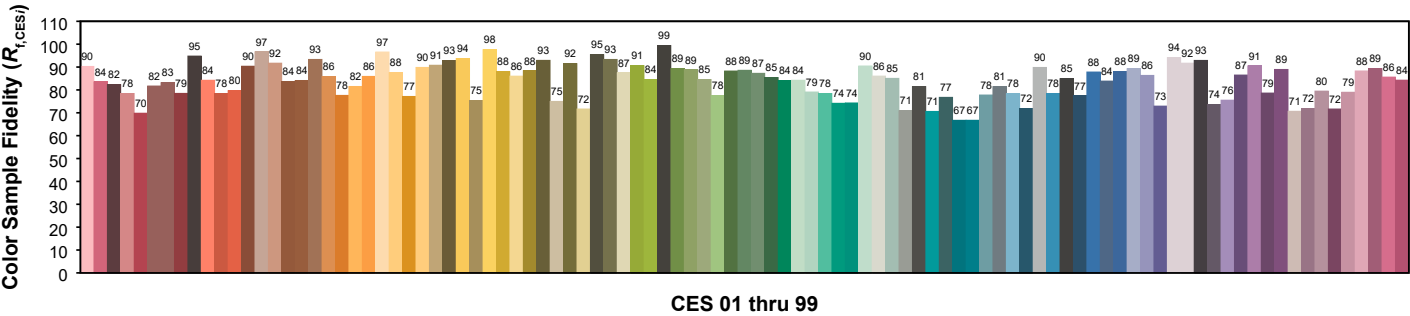
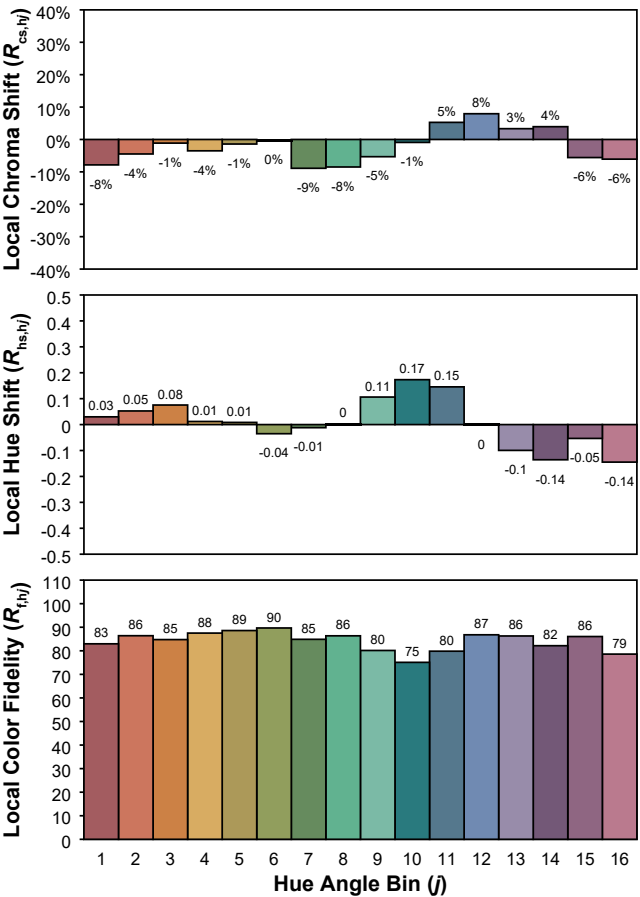
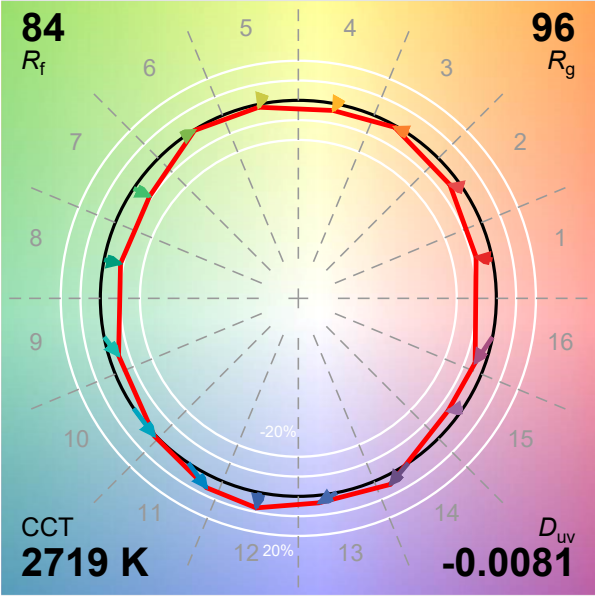
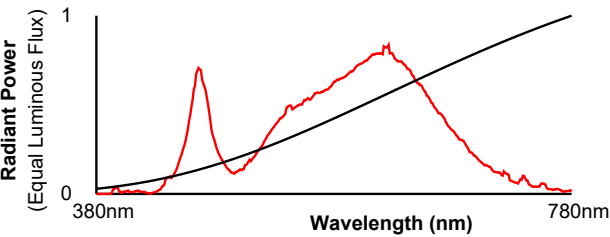
MULTIPLE UNITS: PERFORMANCE
80/50/20% REFLECTANCES
HORIZONTAL FOOTCANDLES AND WATTS/SQ FT

Ceiling Height	Fixture Spacing	RCR 4		RCR 6	
		FC +	W/Sq. Ft.	FC +	W/Sq. Ft.
12'	3'	135	1.63	146	1.88
15'	4'	74	0.89	80	1.03
18'	5'	46	0.56	50	0.65
Delivered Illuminance Rating: (DIR)		83 FC per W/Sq. Ft.		78 FC per W/Sq. Ft.	
1' Suspension Length to luminous aperture Square rooms used for multiple units: RCR 4: Length & Width = Ceiling Ht. - 3.5' x 2.50 RCR 6: Length & Width = Ceiling Ht. - 3.5' x 1.66 + Average Initial Footcandles at 2.5' Above Floor					

IES TM-30-18 Color Rendition Report

Manufacturer: Spectrum Lighting

Model: SP-15008_1 ~ TSRA25 13L 35K ND E1 BET xx



Luminous Flux:	1113 lm
Radiant Flux:	4 Wrad
Electrical Power:	15 W
Efficacy:	74 lm/W
Melanopic Flux:	630 mel lm
Melanopic Ratio:	0.57
CCT:	2719K
xy Coordinates:	0.441, 0.385
u'v' Coordinates:	0.262, 0.514
Delta u'v':	-0.0081

CIE u'v' (1976)

