

CANDLEPOWER CURVE  
TEST SP-15008\_2

Delivered Lumens: 1252  
Luminaire Watts: 15  
LER: 83.47

INTENSITY  
CANDELA  
0° AZIMUTH

0°
0° 4008
5° 3830
15° 2066
25° 429
35° 111
45° 41
55° 15
90° 1

CP at 0° (Nadir): 4008  
CRI: 80+

ZONAL LUMENS

0° - 10°	344	27%
0° - 20°	891	71%
0° - 30°	1115	89%
0° - 40°	1190	95%
0° - 60°	1237	99%
0° - 80°	1242	99%
0° - 90°	1244	99%
Total	1252	100%

Beam Angle: 31°  
Spacing Ratio: 0.51  
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'	95 fc	3.6'	43 fc
7.5'	71 fc	4.1'	32 fc
8.5'	55 fc	4.6'	25 fc
10.0'	40 fc	5.5'	18 fc
12.0'	28 fc	6.6'	12 fc
14.0'	20 fc	7.7'	9 fc
16.0'	16 fc	8.7'	7 fc
20.0'	10 fc	10.9'	4 fc

CCT Multiplier: 30K x .93

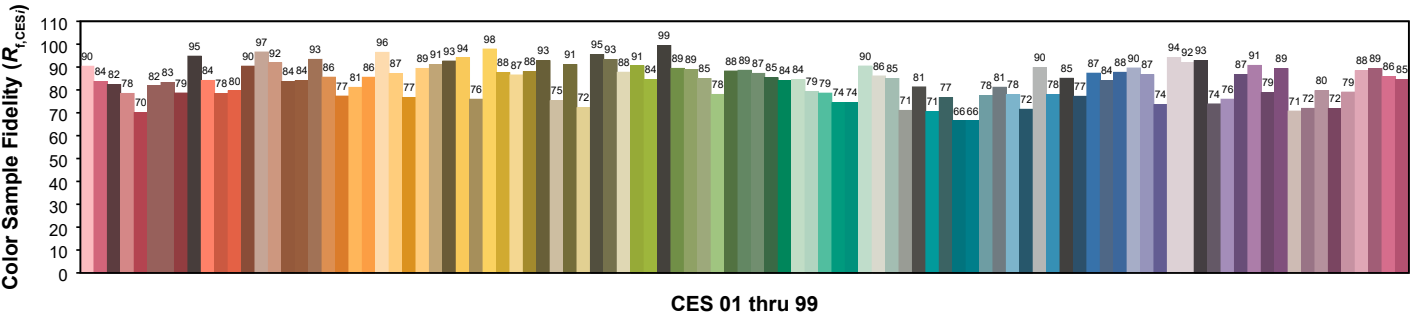
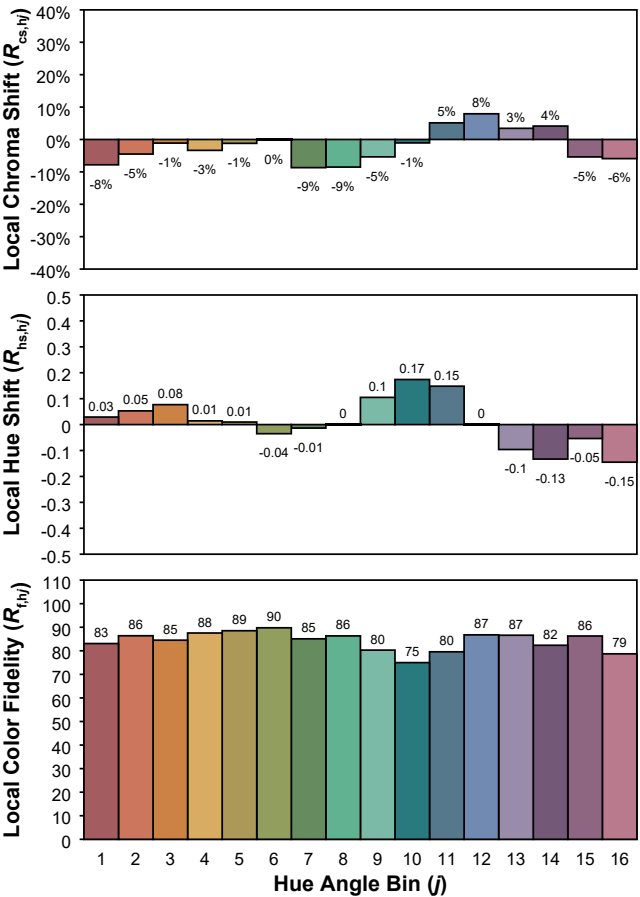
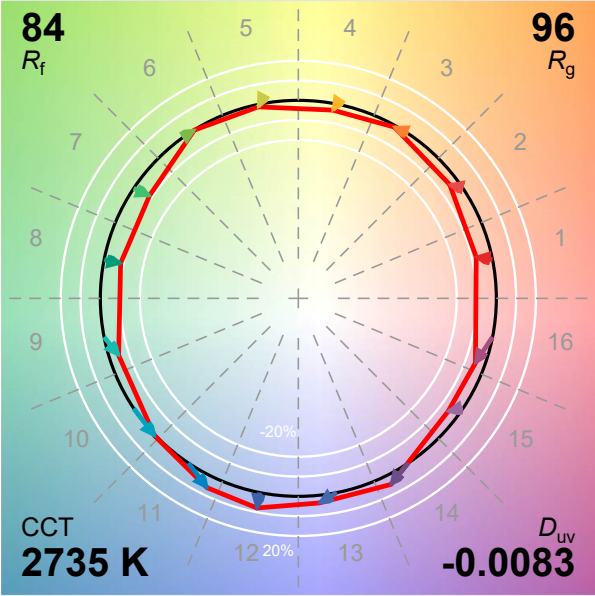
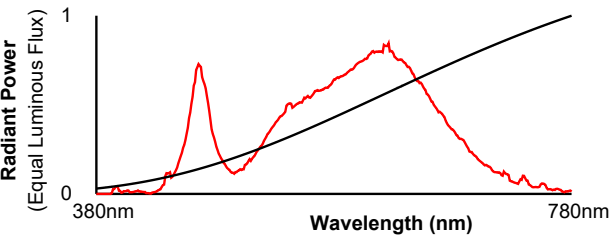
MULTIPLE UNITS: PERFORMANCE  
80/50/20% REFLECTANCES  
HORIZONTAL FOOTCANDLES AND WATTS/SQ FT

Ceiling Height	Fixture Spacing	RCR 3		RCR 5	
		FC +	W/Sq. Ft.	FC +	W/Sq. Ft.
9'	3'	133	1.61	150	1.98
12'	4'	76	0.92	63	0.83
15'	5'	54	0.65	54	0.71
Delivered Illuminance Rating: (DIR)		83 FC per W/Sq. Ft.		76 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 * Exceeds Spacing Ratio by 7%					

IES TM-30-18 Color Rendition Report

Manufacturer: Spectrum Lighting

Model: SP-15008\_2 ~ TSRA25 13L 35K MD E1 BET xx



Luminous Flux:	1089 lm
Radiant Flux:	4 Wrad
Electrical Power:	15 W
Efficacy:	73 lm/W
Melanopic Flux:	624 mel lm
Melanopic Ratio:	0.57
CCT:	2735K
xy Coordinates:	0.439, 0.384
u'v' Coordinates:	0.261, 0.514
Delta u'v':	-0.0083

CIE u'v' (1976)

