

CANDLEPOWER CURVE

TEST SP-15008

Delivered Lumens: 1328
Luminaire Watts: 15
LER: 88.53

INTENSITY
CANDELA
0° AZIMUTH

0°			
0°	8893		
5°	7525		
15°	1612		
25°	338		
35°	90		
45°	24		
55°	7		
90°	1		

CP at 0° (Nadir): 8893
CRI: 80+

ZONAL LUMENS

0° - 10°	612	46%
0° - 20°	1087	82%
0° - 30°	1235	93%
0° - 40°	1290	97%
0° - 60°	1315	99%
0° - 80°	1319	99%
0° - 90°	1320	99%
Total	1328	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'	210 fc	2.2'	101 fc
7.5'	158 fc	2.6'	76 fc
8.5'	123 fc	2.9'	59 fc
10.0'	89 fc	3.4'	43 fc
12.0'	62 fc	4.1'	30 fc
14.0'	45 fc	4.8'	22 fc
16.0'	35 fc	5.5'	17 fc
20.0'	22 fc	6.9'	11 fc

Beam Angle: 19°
Spacing Ratio: 0.33
Melanopic Ratio 0.57

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

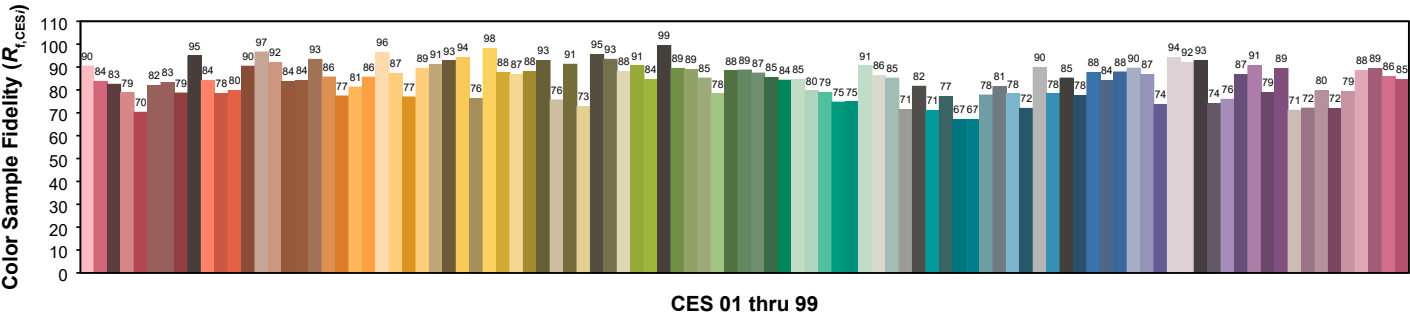
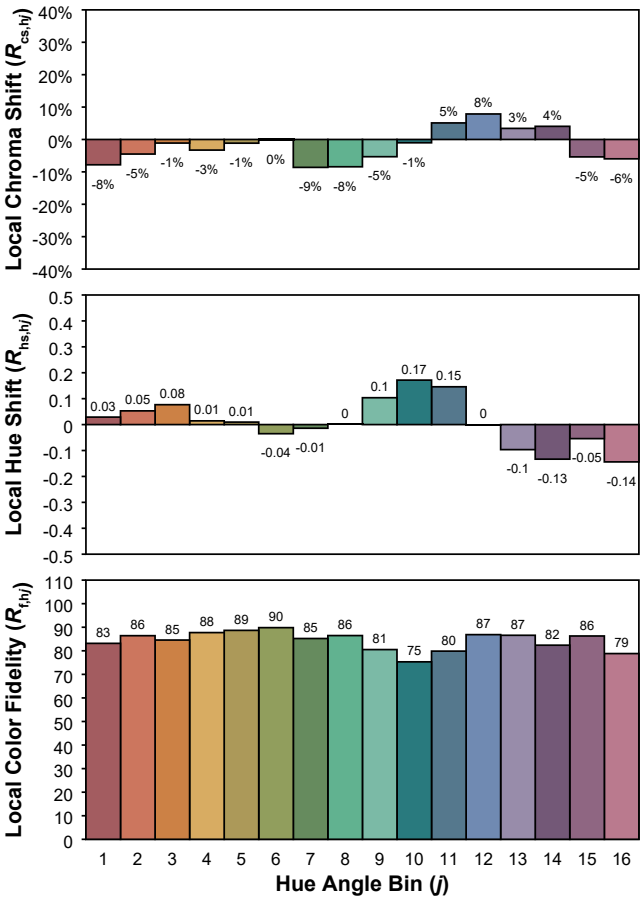
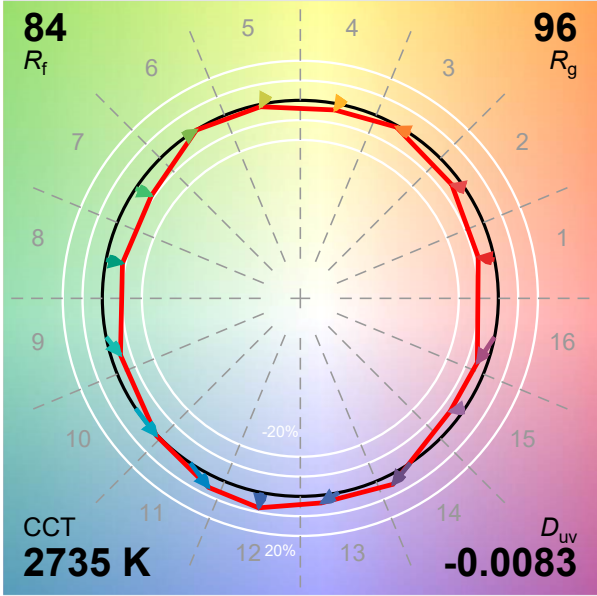
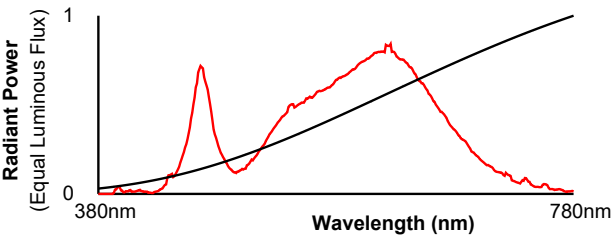
Ceiling Height	Fixture Spacing	RCR 4		RCR 6	
		FC +	W/Sq. Ft.	FC +	W/Sq. Ft.
12'	3'	142	1.63	155	1.88
15'	4'	78	0.89	84	1.03
18'	5'	49	0.56	53	0.65
Delivered Illuminance Rating: (DIR)		87 FC per W/Sq. Ft.		82 FC per W/Sq. Ft.	
1' Suspension Length to luminous aperture Square rooms used for multiple units: 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 * Exceeds Spacing Ratio by 7% ** Exceeds Spacing Ratio by 5% *** Exceeds Spacing Ratio by 4%					

CCT Multiplier: 30K x .93

IES TM-30-18 Color Rendition Report

Manufacturer: Spectrum Lighting

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



Luminous Flux:	1163 lm
Radiant Flux:	4 Wrad
Electrical Power:	15 W
Efficacy:	78 lm/W
Melanopic Flux:	664 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)

