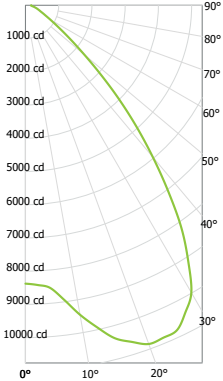


CANDLEPOWER CURVE  
TEST SP-01566\_1



Delivered Lumens: 20293  
Luminaire Watts: 171  
LER: 118.67

INTENSITY  
CANDELA  
0° AZIMUTH

0°
0° 8377
5° 8538
15° 10369
25° 10787
35° 8181
45° 3945
55° 1363
90° 173

ZONAL LUMENS

0° - 10°	855	4%
0° - 20°	3751	18%
0° - 30°	8564	42%
0° - 40°	13544	67%
0° - 60°	17842	88%
0° - 80°	18818	93%
0° - 90°	19027	94%
Total	20293	100%

SINGLE UNIT: PERFORMANCE  
HORIZONTAL FOOTCANDLES  
INITIAL DOWNLIGHT ONLY

Mounting Distance	FC at Beam Center	Diameter at Beam Angle	FC at Beam Edge
10'	84 fc	17.6'	18 fc
12'	58 fc	21.1'	12 fc
14'	43 fc	24.6'	9 fc
16'	33 fc	28.1'	7 fc
20'	21 fc	35.1'	4 fc
24'	15 fc	42.2'	3 fc
28'	11 fc	49.2'	2 fc
32'	8 fc	56.2'	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.
22'	14'	79	0.71	42	0.46
26'	18'	50	0.45	26	0.29
32'	22'	29	0.26	35	0.38
Delivered Illuminance Rating: (DIR)		111 FC per W/Sq. Ft.		92 FC per W/Sq. Ft.	
4' Suspension Length to luminous aperture Square rooms used for multiple units: RCR 2: Length & Width = Ceiling Ht. - 6.5' x 5.00 RCR 4: Length & Width = Ceiling Ht. - 6.5' x 2.50 + Average Initial Footcandles at 2.5' Above Floor					

CP at 0° (Nadir): 8377

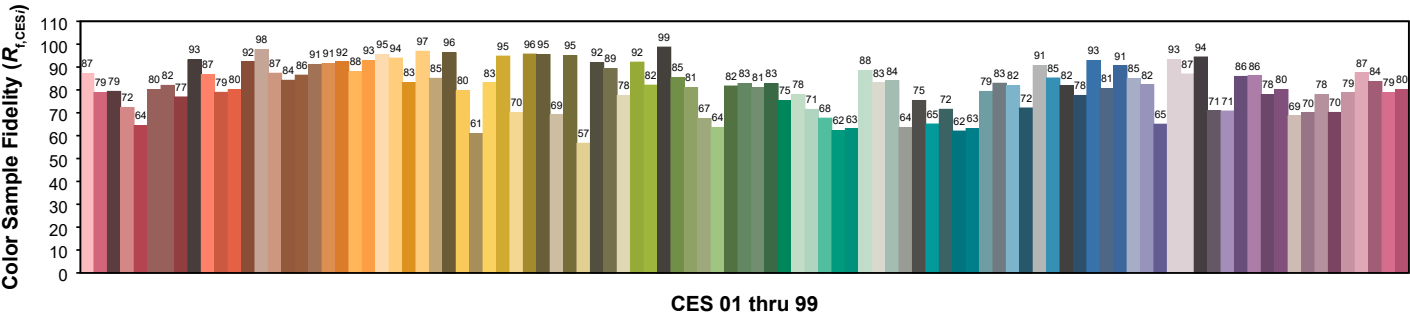
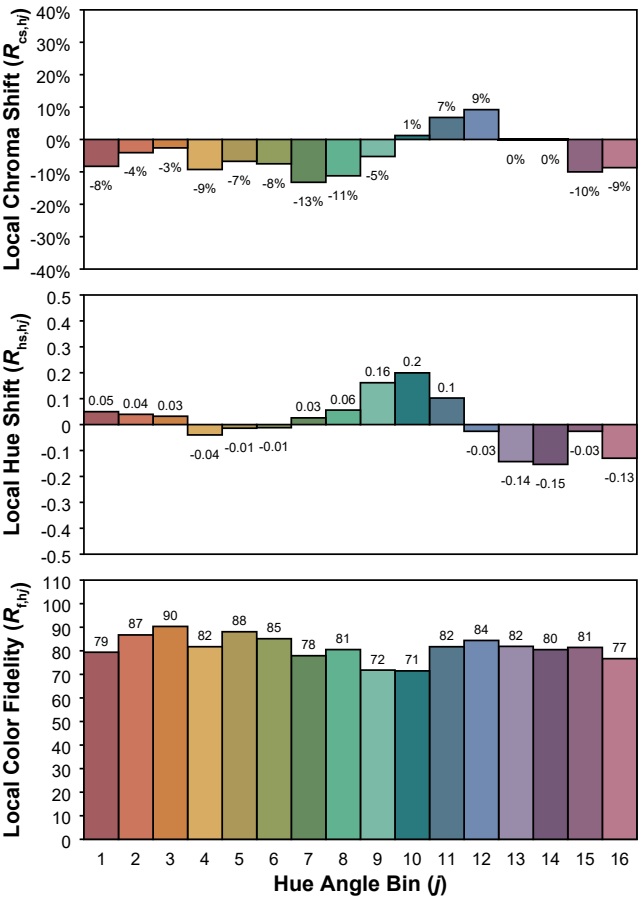
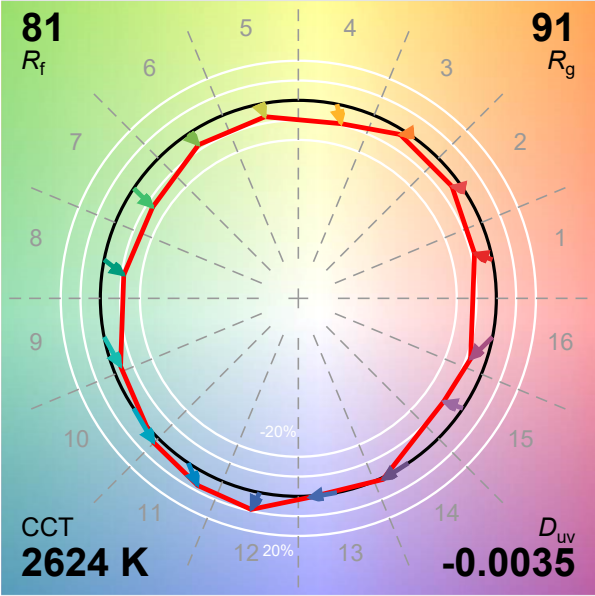
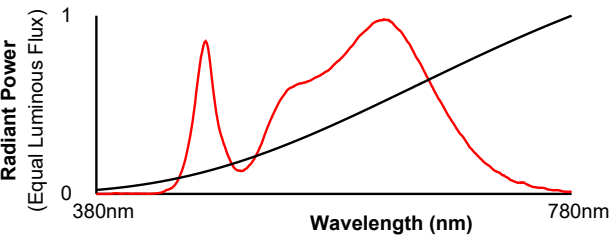
Beam Angle: 83°  
Spacing Ratio: 1.44  
Melanopic Ratio 0.55

Lumen Multiplier: 160L x 0.73, 200L x 0.91  
CCT Multiplier: 40K x 1.01

IES TM-30-18 Color Rendition Report

Manufacturer: Spectrum Lighting

Model: SP-01566\_1 ~ DMD22GY 220L 35K xx PR22 BC22 CN xx



Luminous Flux: 17757 lm  
Radiant Flux: 59 Wrad  
Electrical Power: 171 W  
Efficacy: 104 lm/W  
Melanopic Flux: 9765 mel lm  
Melanopic Ratio: 0.55  
CCT: 2624K  
xy Coordinates: 0.453, 0.4  
u'v' Coordinates: 0.263, 0.522  
Delta u'v': -0.0035

CIE u'v' (1976)

