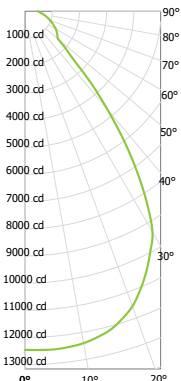


DMD22GY 220L 35K xx DF22 xx

CANDLEPOWER CURVE
TEST SP-01565



Delivered Lumens: 21165
Luminaire Watts: 171
LER: 123.77

INTENSITY
CANDELA
0° AZIMUTH

0°
0° 12454
5° 12482
15° 12129
25° 10557
35° 7156
45° 2539
55° 1442
90° 468

ZONAL LUMENS

0° - 10°	1200	6%
0° - 20°	4580	22%
0° - 30°	9385	44%
0° - 40°	13796	65%
0° - 60°	17240	81%
0° - 80°	19183	91%
0° - 90°	19781	93%
Total	21165	100%

SINGLE UNIT: PERFORMANCE
HORIZONTAL FOOTCANDLES
INITIAL DOWNLIGHT ONLY

Mounting Distance	FC at Beam Center	Diameter at Beam Angle	FC at Beam Edge
10'	125 fc	15.0'	32 fc
12'	86 fc	18.0'	22 fc
14'	64 fc	21.0'	16 fc
16'	49 fc	24.0'	12 fc
20'	31 fc	30.0'	8 fc
24'	22 fc	36.0'	6 fc
28'	16 fc	42.0'	4 fc
32'	12 fc	48.0'	3 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'	80	0.71	96	1.02
26'	18'	51	0.45	61	0.65
32'	22'	43	0.38	35	0.38
Delivered Illuminance Rating: (DIR)		113 FC per W/Sq. Ft.		94 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): 12454

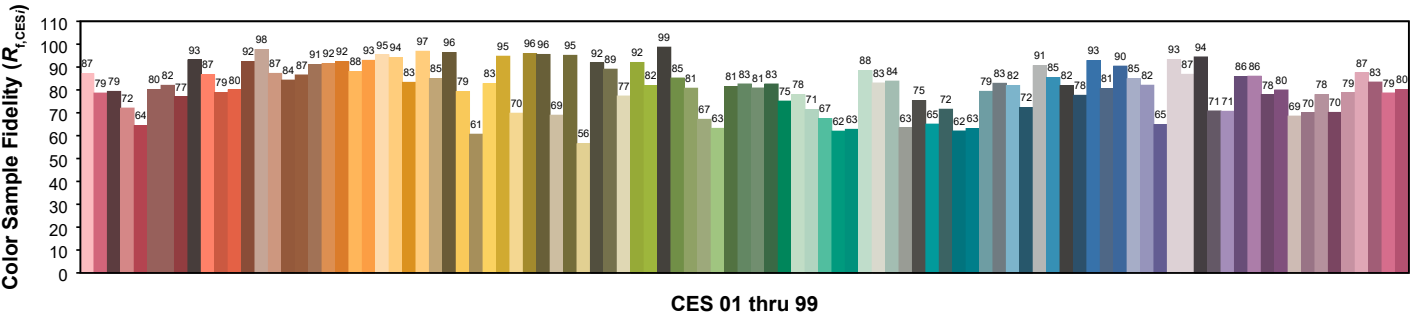
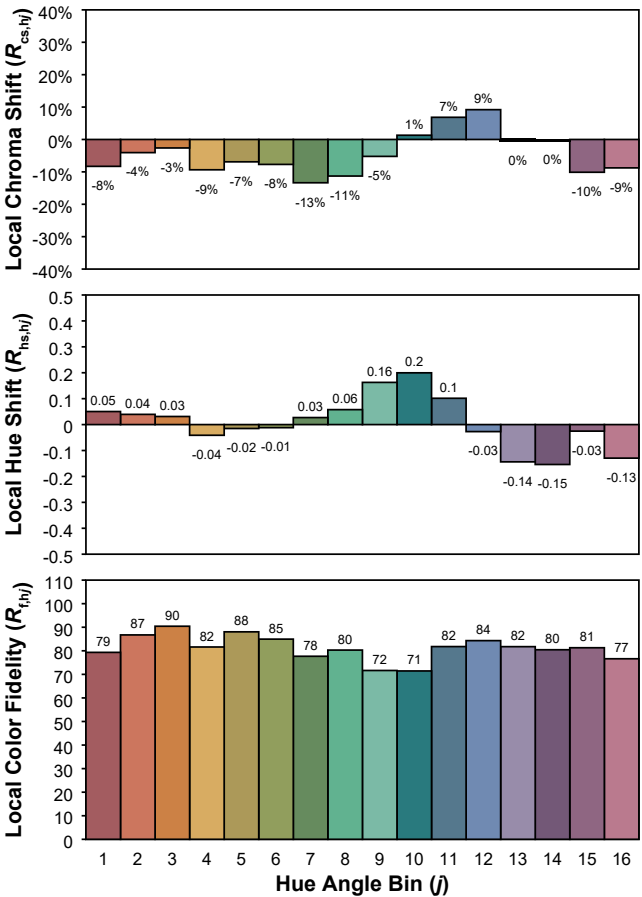
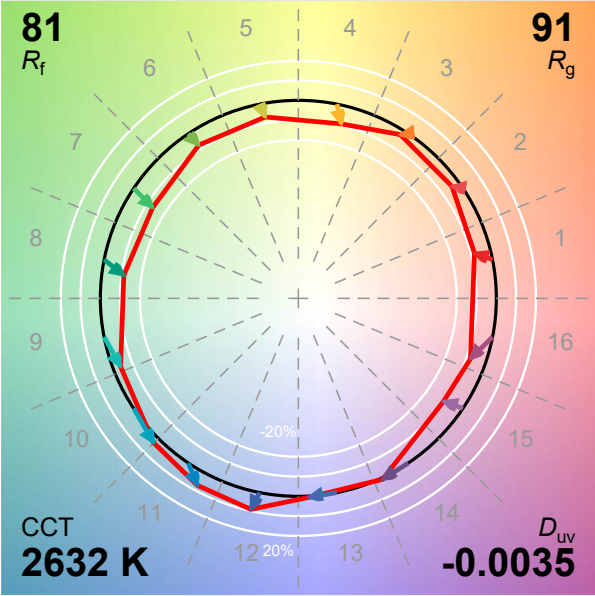
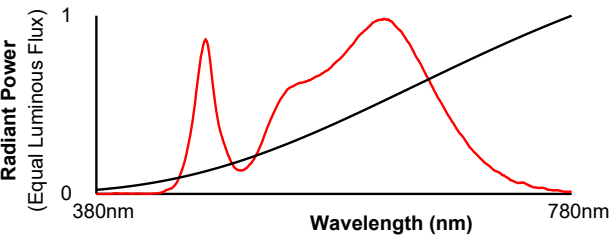
Beam Angle: 74°
Spacing Ratio: 1.13
Melanopic Ratio 0.55

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-01565 ~ DMD22GY 220L 35K xx DF22 xx



Luminous Flux: 18513 lm
Radiant Flux: 62 Wrad
Electrical Power: 171 W
Efficacy: 108 lm/W
Melanopic Flux: 10240 mel lm
Melanopic Ratio: 0.55
CCT: 2632K
xy Coordinates: 0.453, 0.4
u'v' Coordinates: 0.263, 0.522
Delta u'v': -0.0035

CIE u'v' (1976)

