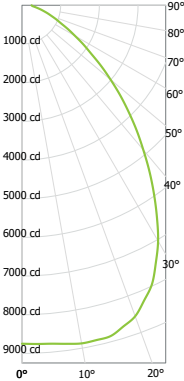


DMD22GY 220L 35K xx PR22 BC22 CNFR xx

CANDLEPOWER CURVE
TEST SP-01566_2



Delivered Lumens: 19946
Luminaire Watts: 171
LER: 116.64

INTENSITY
CANDELA
0° AZIMUTH

0°	
0°	8750
5°	8782
15°	8853
25°	7953
35°	5948
45°	3900
55°	2185
90°	249
Total	19946

CP at 0° (Nadir): 8750
CRI: 80+

ZONAL LUMENS

0° - 10°	852	4%
0° - 20°	3318	17%
0° - 30°	6908	35%
0° - 40°	10604	53%
0° - 60°	15638	78%
0° - 80°	17486	88%
0° - 90°	17823	89%
Total	19946	100%

Beam Angle: 85°
Spacing Ratio: 1.18
Melanopic Ratio 0.55

SINGLE UNIT: PERFORMANCE
HORIZONTAL FOOTCANDLES
INITIAL DOWNLIGHT ONLY

Mounting Distance	FC at Beam Center	Diameter at Beam Angle	FC at Beam Edge
10'	87 fc	18.2'	18 fc
12'	61 fc	21.8'	12 fc
14'	45 fc	25.4'	9 fc
16'	34 fc	29.1'	7 fc
20'	22 fc	36.3'	4 fc
24'	15 fc	43.6'	3 fc
28'	11 fc	50.9'	2 fc
32'	9 fc	58.1'	2 fc

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

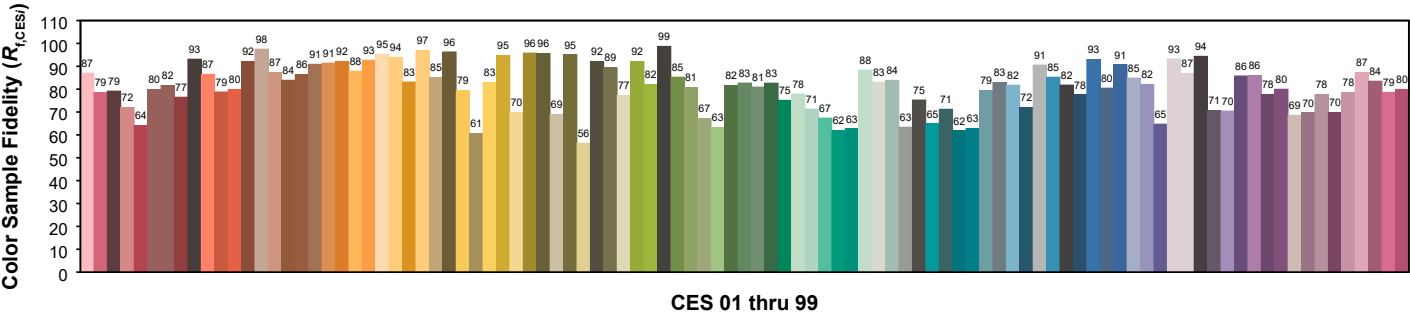
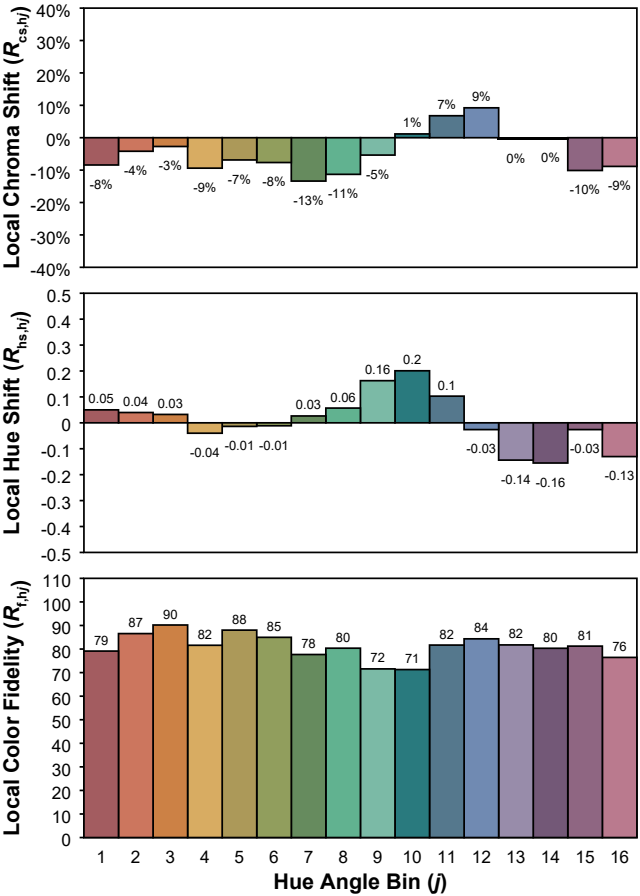
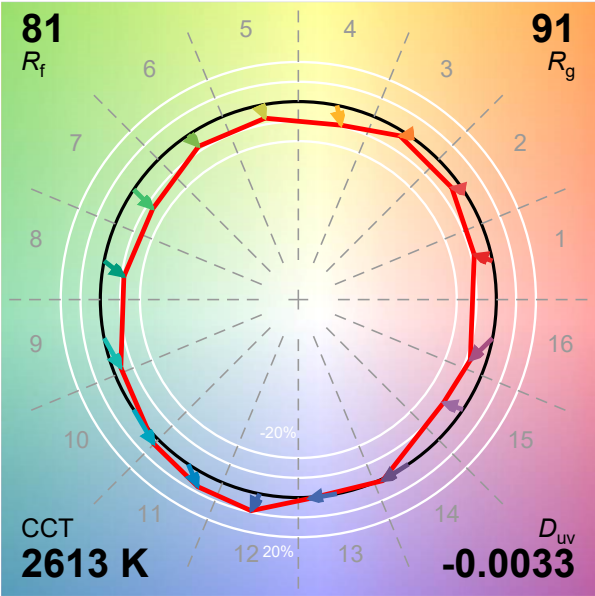
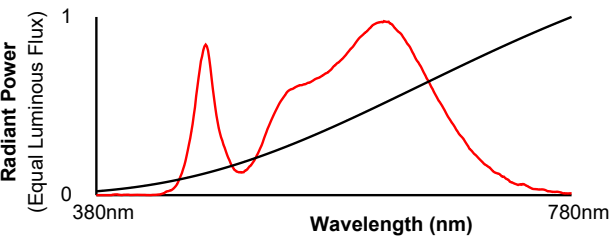
MULTIPLE UNITS: PERFORMANCE
80/50/20% REFLECTANCES
HORIZONTAL FOOTCANDLES AND WATTS/SQ FT

Ceiling Height	Fixture Spacing	RCR 2		RCR 4	
		FC +	W/Sq. Ft.	FC +	W/Sq. Ft.
22'	14'	74	0.71	86	1.02
26'	18'	47	0.45	54	0.65
32'	22'	39	0.38	32	0.38
Delivered Illuminance Rating: (DIR)		104 FC per W/Sq. Ft.		84 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					

IES TM-30-18 Color Rendition Report

Manufacturer: Spectrum Lighting

Model: SP-01566_2 ~ DMD22GY 220L 35K xx PR22 BC22 CNFR XX



Luminous Flux: 17418 lm
Radiant Flux: 58 Wrad
Electrical Power: 171 W
Efficacy: 102 lm/W
Melanopic Flux: 9515 mel lm
Melanopic Ratio: 0.55
CCT: 2613K
xy Coordinates: 0.454, 0.401
u'v' Coordinates: 0.264, 0.523
Delta u'v': -0.0033

CIE u'v' (1976)

