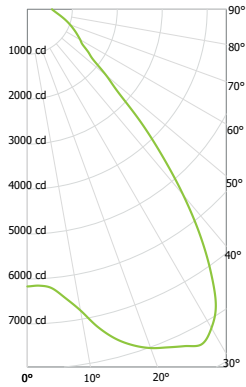


DMD22GY 220L 35K xx DF22 BC22 CN xx

CANDLEPOWER CURVE
TEST SP-01565_1



Delivered Lumens: 20253
Luminaire Watts: 171
LER: 118.44

INTENSITY
CANDELA
0° AZIMUTH

	0°
0°	6166
5°	6228
15°	7589
25°	8269
35°	7104
45°	3611
55°	1648
90°	547

CP at 0° (Nadir): 6166
CRI: 80+

ZONAL LUMENS

0° - 10°	621	3%
0° - 20°	2729	13%
0° - 30°	6455	32%
0° - 40°	10765	53%
0° - 60°	15139	75%
0° - 80°	17245	85%
0° - 90°	17924	88%
Total	20253	100%

Beam Angle: 87°
Spacing Ratio: 1.53
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'	62 fc	18.9'	12 fc
12'	43 fc	22.6'	8 fc
14'	31 fc	26.4'	6 fc
16'	24 fc	30.2'	5 fc
20'	15 fc	37.7'	3 fc
24'	11 fc	45.3'	2 fc
28'	8 fc	52.8'	2 fc
32'	6 fc	60.3'	1 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	38	0.46
26'	18'	47	0.45	24	0.29
32'	22'	27	0.26	32	0.38
Delivered Illuminance Rating: (DIR)		103 FC per W/Sq. Ft.		83 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

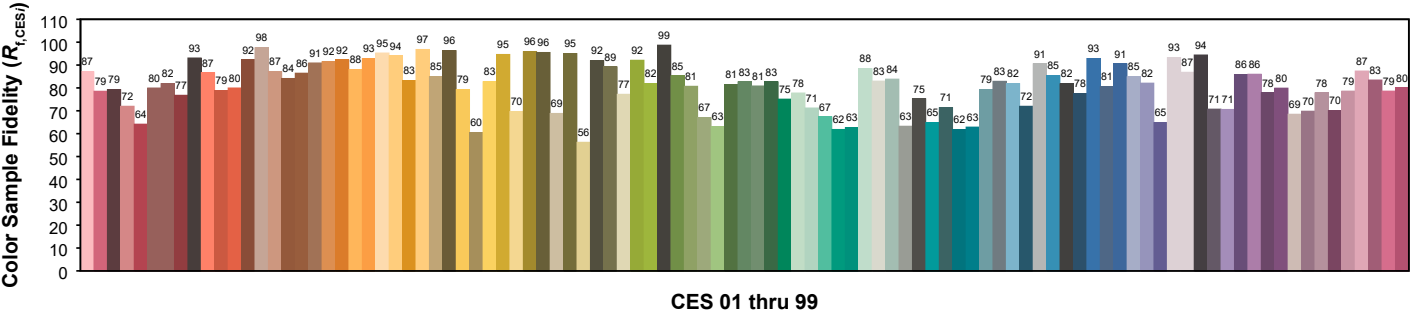
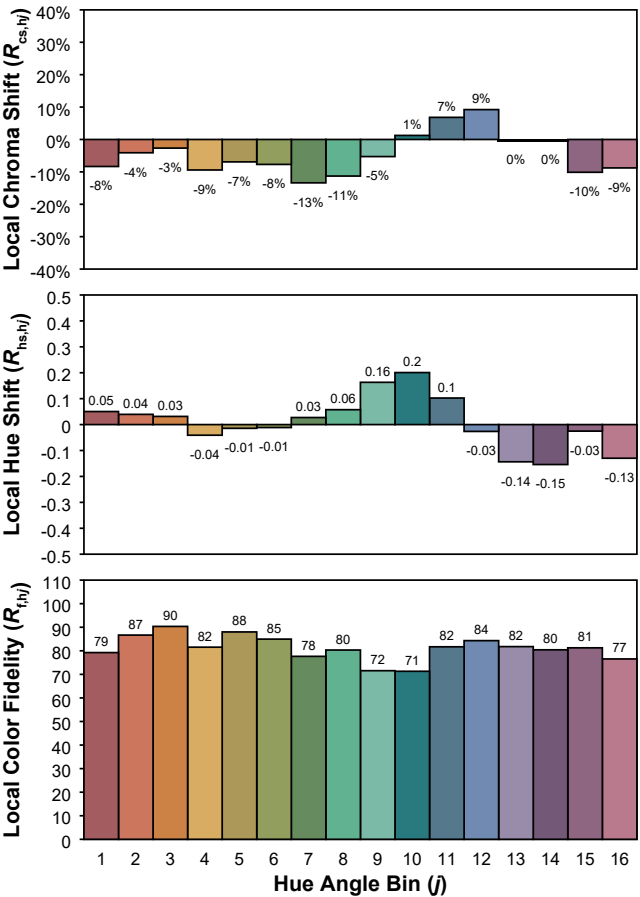
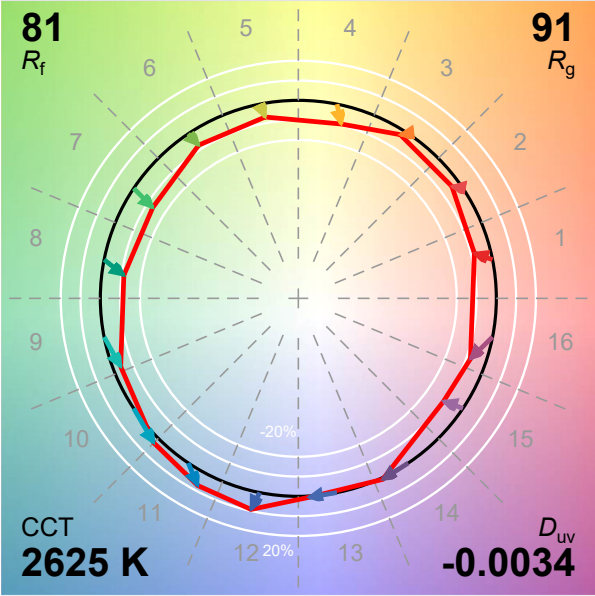
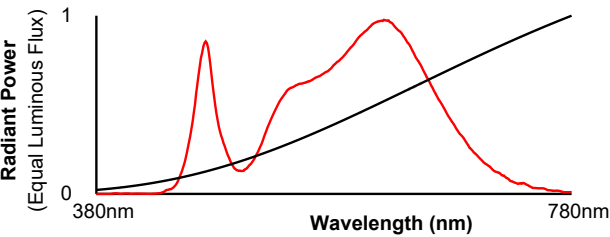
RCR 4: Length & Width = Ceiling Ht. - 6.5' x 2.50

+ Average Initial Footcandles at 2.5' Above Floor

IES TM-30-18 Color Rendition Report

Manufacturer: Spectrum Lighting

Model: SP-01565_1 ~ DMD22GY 220L 35K xx DF22 BC22 CN xx



Luminous Flux: 17701 lm
Radiant Flux: 59 Wrad
Electrical Power: 171 W
Efficacy: 104 lm/W
Melanopic Flux: 9740 mel lm
Melanopic Ratio: 0.55
CCT: 2625K
xy Coordinates: 0.454, 0.4
u'v' Coordinates: 0.263, 0.522
Delta u'v': -0.0034

CIE u'v' (1976)

