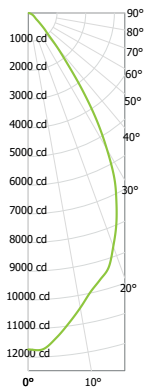


PRDDH16LEDLX 100L 35K xx PR16 xx

CANDLEPOWER CURVE
TEST SP-01509_1



Delivered Lumens: 10510
Luminaire Watts: 80
LER: 131.38

INTENSITY
CANDELA
0° AZIMUTH

0°
0° 11727
5° 11352
15° 9636
25° 7267
35° 3306
45° 808
55° 296
90° 15

CP at 0° (Nadir): 11727
CRI: 80+

ZONAL LUMENS

0° - 10°	1063	10%
0° - 20°	3778	36%
0° - 30°	7041	67%
0° - 40°	9133	87%
0° - 60°	10125	96%
0° - 80°	10389	99%
0° - 90°	10412	99%
Total	10510	100%

SINGLE UNIT: PERFORMANCE
HORIZONTAL FOOTCANDLES
INITIAL DOWNLIGHT ONLY

Mounting Distance	FC at Beam Center	Diameter at Beam Angle	FC at Beam Edge
8 '	183 fc	8.9 '	61 fc
10 '	117 fc	11.1 '	39 fc
12 '	81 fc	13.3 '	27 fc
14 '	60 fc	15.5 '	20 fc
16 '	46 fc	17.7 '	15 fc
20 '	29 fc	22.1 '	10 fc
24 '	20 fc	26.6 '	7 fc
28 '	15 fc	31.0 '	5 fc

Beam Angle: 58°
Spacing Ratio: 0.87
Melanopic Ratio 0.56

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

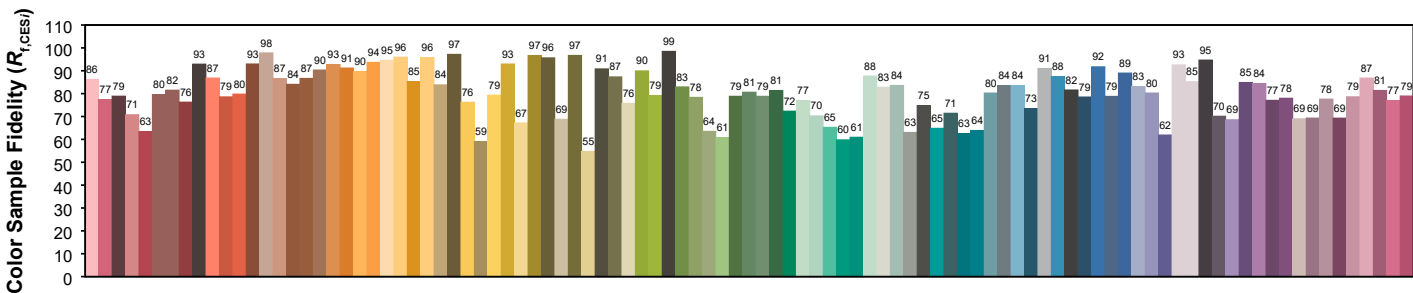
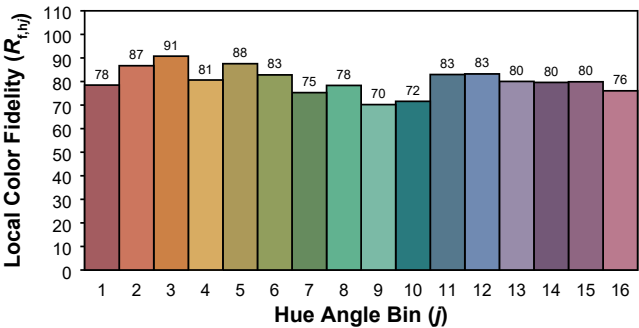
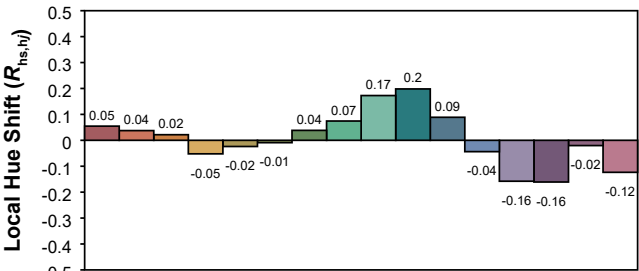
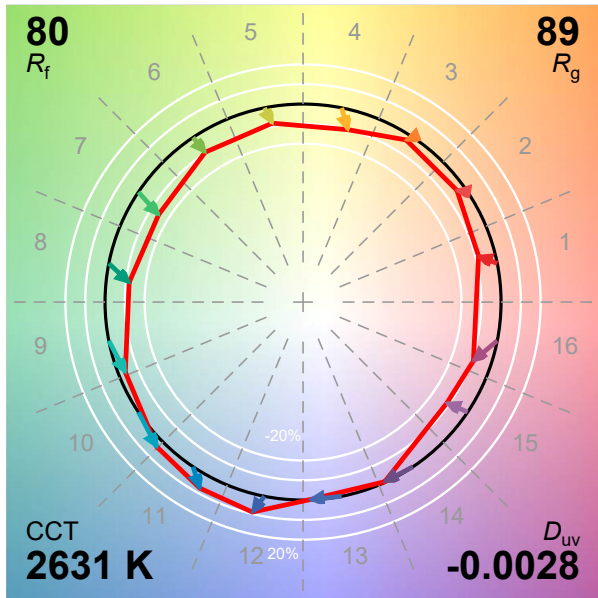
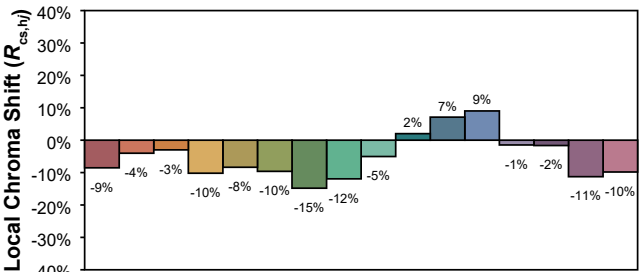
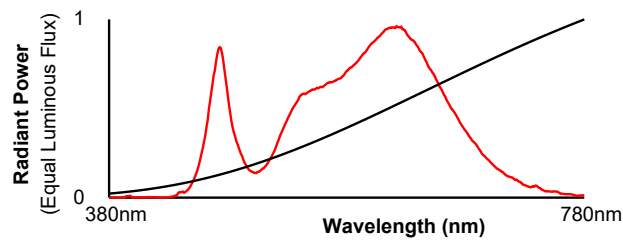
Ceiling Height	Fixture Spacing	RCR 2		RCR 4	
		FC +	W/Sq. Ft.	FC +	W/Sq. Ft.
14'	8"	144	1.11	180	1.59
18'	10'	96	0.74	83	0.74
22'	12'	75	0.58	48	0.42
Delivered Illuminance Rating: (DIR)		130 FC per W/Sq. Ft.		113 FC per W/Sq. Ft.	
3' Suspension Length to luminous aperture Square rooms used for multiple units: RCR 2: Length & Width = Ceiling Ht. - 5.5' x 5.00 RCR 4: Length & Width = Ceiling Ht. - 5.5' x 2.50 + Average Initial Footcandles at 2.5' Above Floor * Exceeds Spacing Ratio by 8%					

Lumen Multiplier: 65L x .703
CCT Multiplier: 40K x 1.00, 30K x 0.978, 27K x 0.949

IES TM-30-18 Color Rendition Report

Manufacturer: Spectrum Lighting

Model: PRDDH16LEDLX 100L 35K xx PR16 xx



CES 01 thru 99

Luminous Flux: 9179 lm
Radiant Flux: 30 Wrad
Electrical Power: 80 W
Efficacy: 115 lm/W
Melanopic Flux: 5137 mel lm
Melanopic Ratio: 0.56
CCT: 2631K
xy Coordinates: 0.454, 0.402
u'v' Coordinates: 0.263, 0.523
Delta u'v': -0.0028

CIE u'v' (1976)

