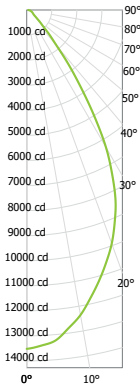


PRDDH16LEDLX 140L 35K xx PR16 TF3 xx

CANDLEPOWER CURVE  
TEST SP-01476\_3



Delivered Lumens: 12492  
Luminaire Watts: 107  
LER: 116.75

INTENSITY  
CANDELA  
0° AZIMUTH

0°	
0°	13518
5°	13233
15°	11172
25°	8386
35°	3772
45°	947
55°	369
90°	63

ZONAL LUMENS

0° - 10°	1249	10%
0° - 20°	4353	35%
0° - 30°	8090	65%
0° - 40°	10495	84%
0° - 60°	11707	94%
0° - 80°	12174	97%
0° - 90°	12281	98%
Total	12492	100%

SINGLE UNIT: PERFORMANCE  
HORIZONTAL FOOTCANDLES  
INITIAL DOWNLIGHT ONLY

Mounting Distance	FC at Beam Center	Diameter at Beam Angle	FC at Beam Edge
8'	211 fc	8.9'	71 fc
10'	135 fc	11.1'	45 fc
12'	94 fc	13.3'	31 fc
14'	69 fc	15.5'	23 fc
16'	53 fc	17.7'	18 fc
20'	34 fc	22.2'	11 fc
24'	23 fc	26.6'	8 fc
28'	17 fc	31.0'	6 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.
18'	12'	78	0.68	97	0.99
22'	14'	65	0.57	56	0.57
26'	18'***	42	0.37	36	0.37
Delivered Illuminance Rating: (DIR)		114 FC per W/Sq. Ft.		99 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 10% *** Exceeds Spacing Ratio by 1%					

CP at 0° (Nadir): 13518

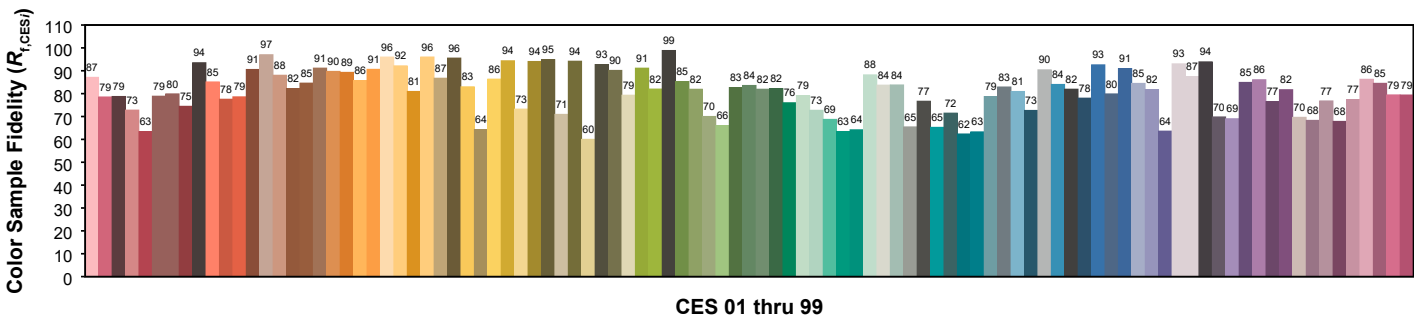
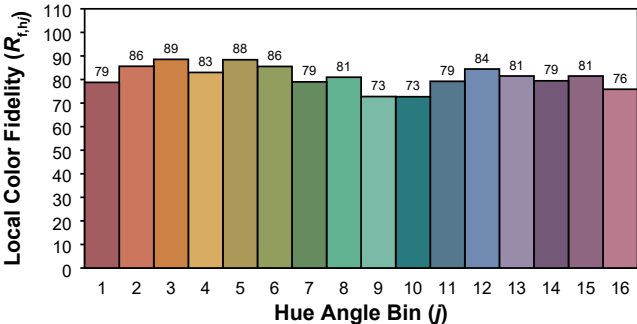
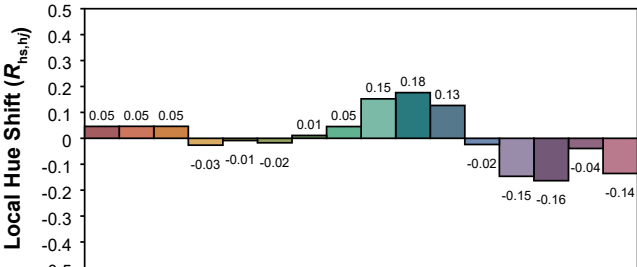
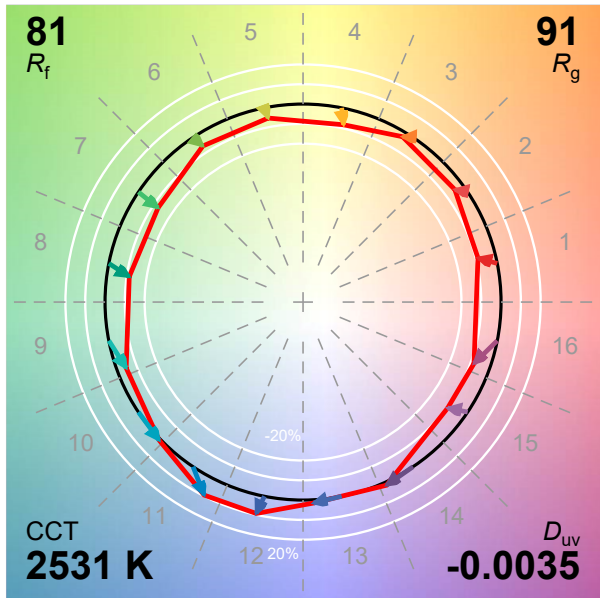
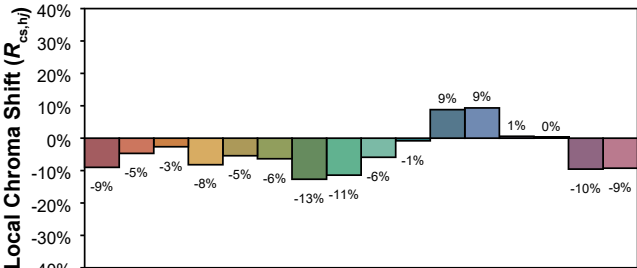
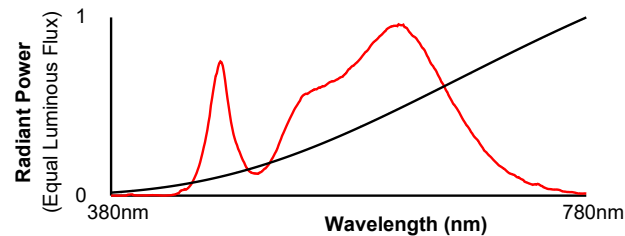
Beam Angle: 58°  
Spacing Ratio: 0.87  
Melanopic Ratio 0.52

Lumen Multiplier: 130L x .950  
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 140L 35K xx PR16 TF3 xx



Luminous Flux: 10831 lm  
Radiant Flux: 36 Wrad  
Electrical Power: 107 W  
Efficacy: 101 lm/W  
Melanopic Flux: 5664 mel lm  
Melanopic Ratio: 0.52  
CCT: 2531K  
xy Coordinates: 0.46, 0.401  
u'v' Coordinates: 0.267, 0.524  
Delta u'v': -0.0035

CIE u'v' (1976)

