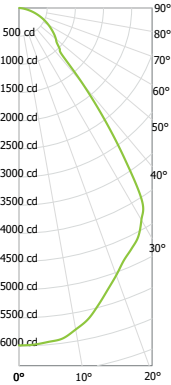


ALDDH16LEDLX 100L 35K xx AL16 MWI xx

CANDLEPOWER CURVE
TEST SP-01482_1



Delivered Lumens: 8552
Luminaire Watts: 80
LER: 106.90

INTENSITY
CANDELA
0° AZIMUTH

	0°
0°	5990
5°	5951
15°	5454
25°	4720
35°	3276
45°	1019
55°	733
90°	4

CP at 0° (Nadir): 5990
CRI: 80+

ZONAL LUMENS

0° - 10°	575	7%
0° - 20°	2111	25%
0° - 30°	4291	50%
0° - 40°	6262	73%
0° - 60°	7763	91%
0° - 80°	8486	99%
0° - 90°	8534	100%
Total	8552	100%

Beam Angle: 72°
Spacing Ratio: 1.10
Melanopic Ratio 0.56

SINGLE UNIT: PERFORMANCE
HORIZONTAL FOOTCANDLES
INITIAL DOWNLIGHT ONLY

Mounting Distance	FC at Beam Center	Diameter at Beam Angle	FC at Beam Edge
8 '	94 fc	11.6 '	25 fc
10 '	60 fc	14.4 '	16 fc
12 '	42 fc	17.3 '	11 fc
14 '	31 fc	20.2 '	8 fc
16 '	23 fc	23.1 '	6 fc
20 '	15 fc	28.9 '	4 fc
24 '	10 fc	34.7 '	3 fc
28 '	8 fc	40.4 '	2 fc

Lumen Multiplier: 65L x .701
CCT Multiplier: 40K x 1.00, 30K x 0.98, 27K x 0.95

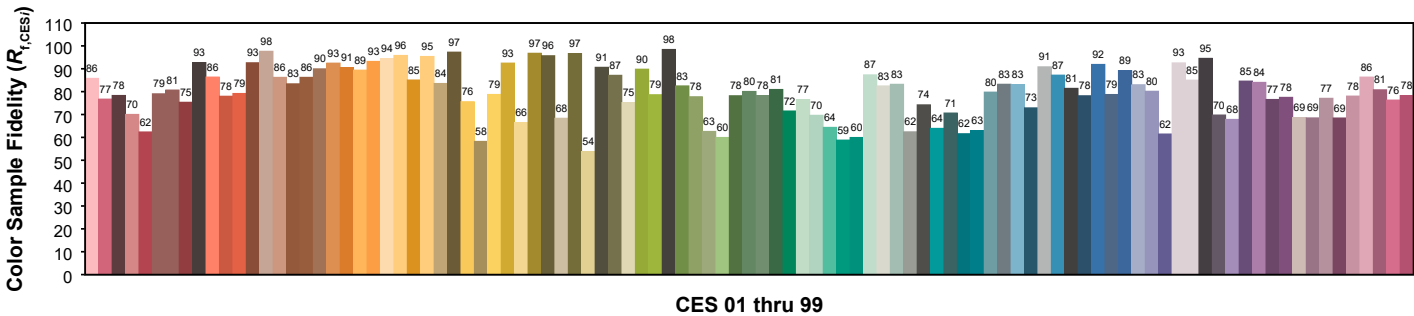
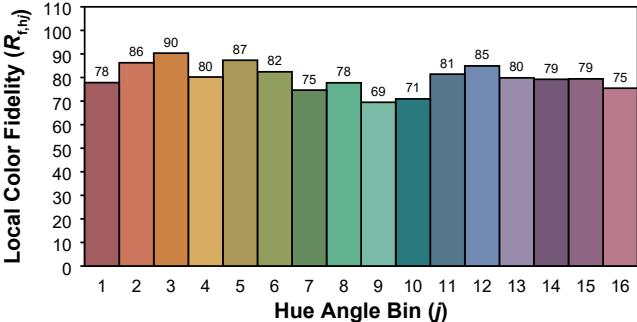
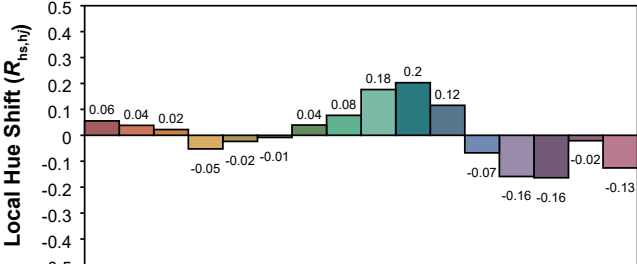
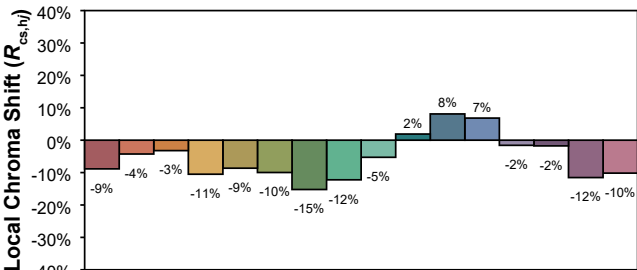
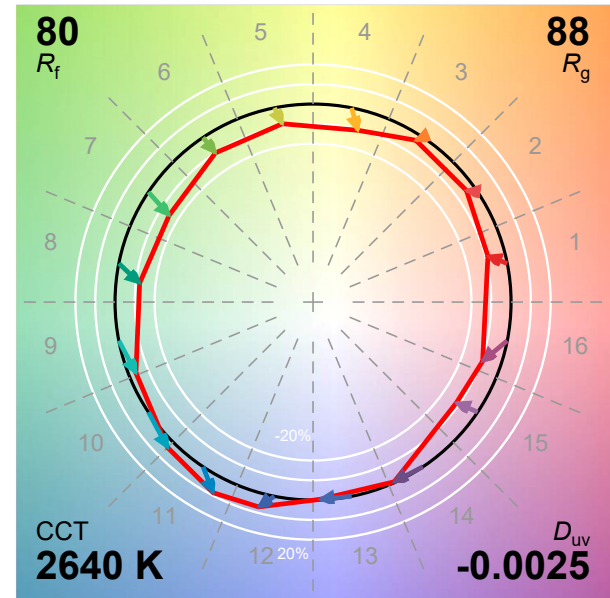
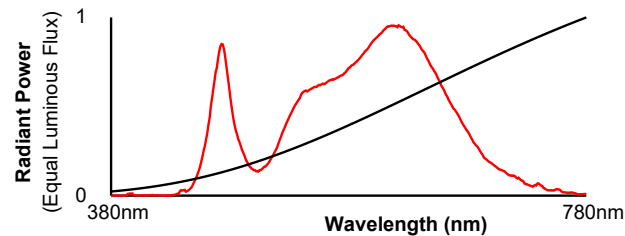
MULTIPLE UNITS: PERFORMANCE
80/50/20% REFLECTANCES
HORIZONTAL FOOTCANDLES AND WATTS/SQ FT

Ceiling Height	Fixture Spacing	RCR 2		RCR 4	
		FC +	W/Sq. Ft.	FC +	W/Sq. Ft.
14'	8'	113	1.11	136	1.59
18'	10'	75	0.74	63	0.74
22'	12'	59	0.58	36	0.42
Delivered Illuminance Rating: (DIR)		102 FC per W/Sq. Ft.		85 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					

IES TM-30-18 Color Rendition Report

Manufacturer: Spectrum Lighting

Model: ALDDH16LEDLX 100L 35K xx AL16 MWI xx



Luminous Flux: 7478 lm
Radiant Flux: 25 Wrad
Electrical Power: 80 W
Efficacy: 93 lm/W
Melanopic Flux: 4182 mel lm
Melanopic Ratio: 0.56
CCT: 2640K
xy Coordinates: 0.454, 0.403
u'v' Coordinates: 0.262, 0.523
Delta u'v': -0.0025

CIE u'v' (1976)

