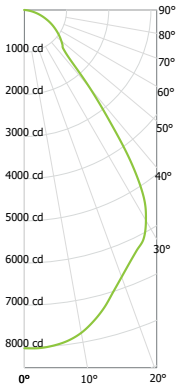


ALDDH16LEDLX 140L 35K xx AL16 MWI xx

CANDLEPOWER CURVE  
TEST SP-01482\_3



Delivered Lumens: 11400  
Luminaire Watts: 107  
LER: 106.54

INTENSITY  
CANDELA  
0° AZIMUTH

	0°
0°	8022
5°	7988
15°	7309
25°	6296
35°	4414
45°	1312
55°	978
90°	3

CP at 0° (Nadir): 8022  
CRI: 80+

ZONAL LUMENS

	0° - 10°	767	7%
0° - 20°	2819	25%	
0° - 30°	5730	50%	
0° - 40°	8363	73%	
0° - 60°	10361	91%	
0° - 80°	11318	99%	
0° - 90°	11382	100%	
Total	11400	100%	

Beam Angle: 72°  
Spacing Ratio: 1.09  
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
8 '	125 fc	11.6 '	33 fc
10 '	80 fc	14.5 '	21 fc
12 '	56 fc	17.3 '	15 fc
14 '	41 fc	20.2 '	11 fc
16 '	31 fc	23.1 '	8 fc
20 '	20 fc	28.9 '	5 fc
24 '	14 fc	34.7 '	4 fc
28 '	10 fc	40.5 '	3 fc

Lumen Multiplier: 130L x .940  
CCT Multiplier: 40K x 1.00, 30K x 0.978, 27K x 0.949

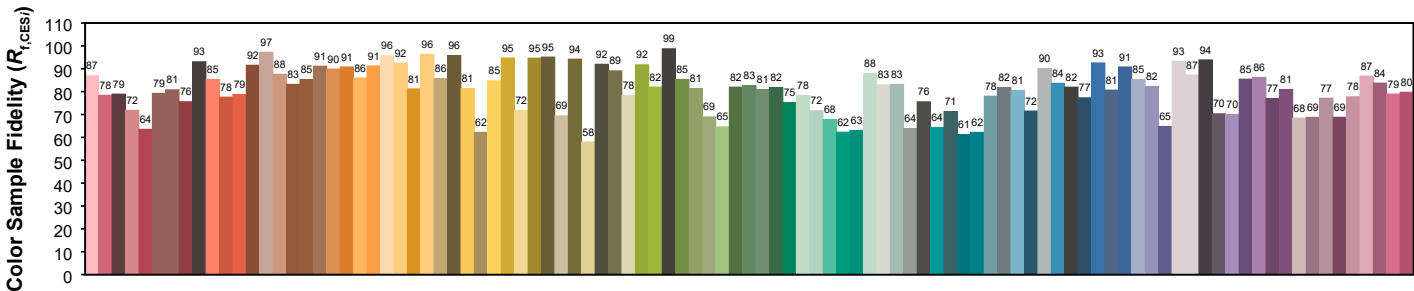
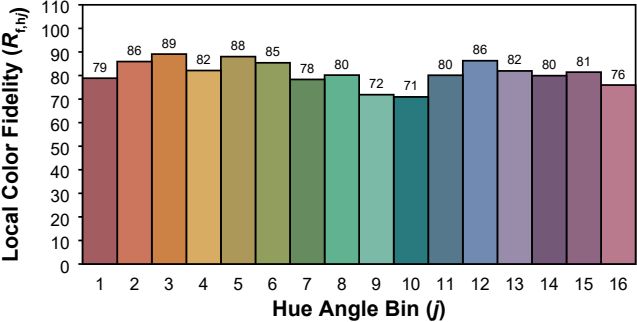
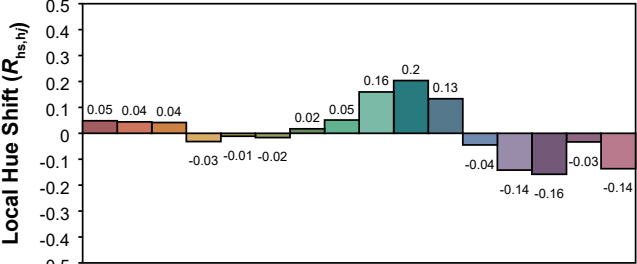
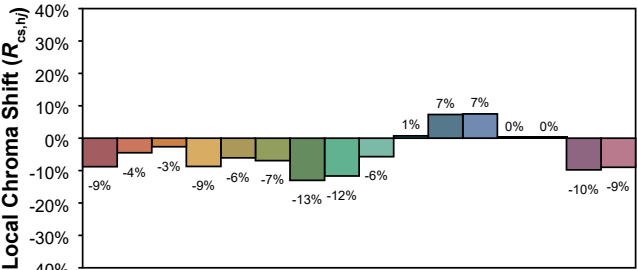
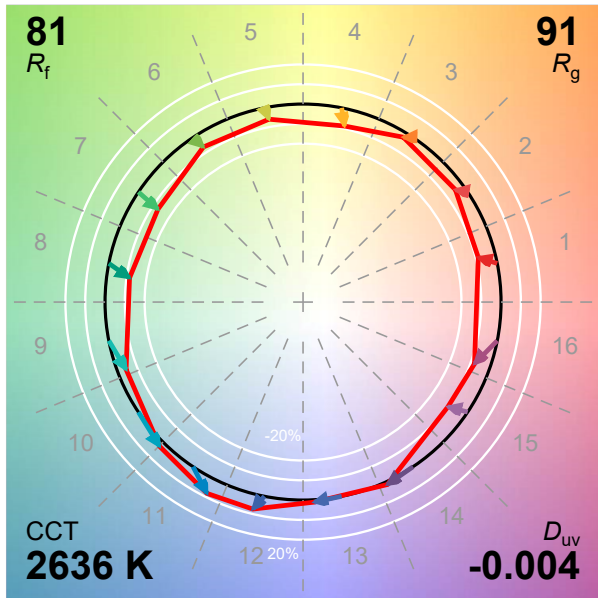
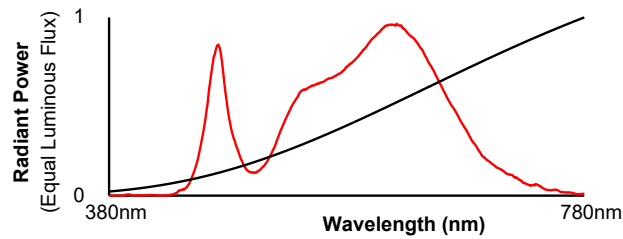
MULTIPLE UNITS: PERFORMANCE  
80/50/20% REFLECTANCES  
HORIZONTAL FOOTCANDLES AND WATTS/SQ FT

Ceiling Height	Fixture Spacing	RCR 2		RCR 4	
		FC +	W/Sq. Ft.	FC +	W/Sq. Ft.
18'	12'	70	0.68	84	0.99
22'	14'	57	0.57	48	0.57
26'	18'	37	0.37	31	0.37
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 140L 35K xx AL16 MWI xx



CES 01 thru 99

Luminous Flux:	9965 lm
Radiant Flux:	33 Wrad
Electrical Power:	107 W
Efficacy:	93 lm/W
Melanopic Flux:	5480 mel lm
Melanopic Ratio:	0.55
CCT:	2636K
xy Coordinates:	0.452, 0.398
u'v' Coordinates:	0.263, 0.521
Delta u'v':	-0.004

CIE u'v' (1976)

