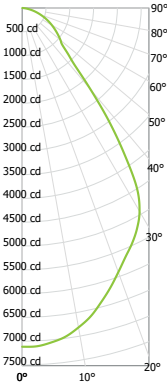


ALDDH16LEDLX 140L 35K xx AL16 MWI TF3 xx

CANDLEPOWER CURVE  
TEST SP-01504\_3



Delivered Lumens: 10087  
Luminaire Watts: 107  
LER: 94.27

INTENSITY  
CANDELA  
0° AZIMUTH

0°	7117
0°	7117
5°	7053
15°	6403
25°	5460
35°	3740
45°	1357
55°	881
90°	5

CP at 0° (Nadir): 7117  
CRI: 80+

ZONAL LUMENS

0° - 10°	674	7%
0° - 20°	2470	24%
0° - 30°	4986	49%
0° - 40°	7278	72%
0° - 60°	9158	91%
0° - 80°	10008	99%
0° - 90°	10066	100%
Total	10087	100%

Beam Angle: 71°  
Spacing Ratio: 1.05  
Melanopic Ratio 0.52

SINGLE UNIT: PERFORMANCE  
HORIZONTAL FOOTCANDLES  
INITIAL DOWNLIGHT ONLY

Mounting Distance	FC at Beam Center	Diameter at Beam Angle	FC at Beam Edge
8 '	111 fc	11.5 '	30 fc
10 '	71 fc	14.3 '	19 fc
12 '	49 fc	17.2 '	13 fc
14 '	36 fc	20.0 '	10 fc
16 '	28 fc	22.9 '	7 fc
20 '	18 fc	28.6 '	5 fc
24 '	12 fc	34.4 '	3 fc
28 '	9 fc	40.1 '	2 fc

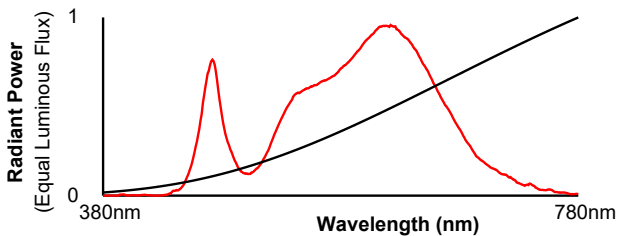
Lumen Multiplier: 130L x .890  
CCT Multiplier: 40K x 1.00, 30K x 0.978, 27K x 0.949

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

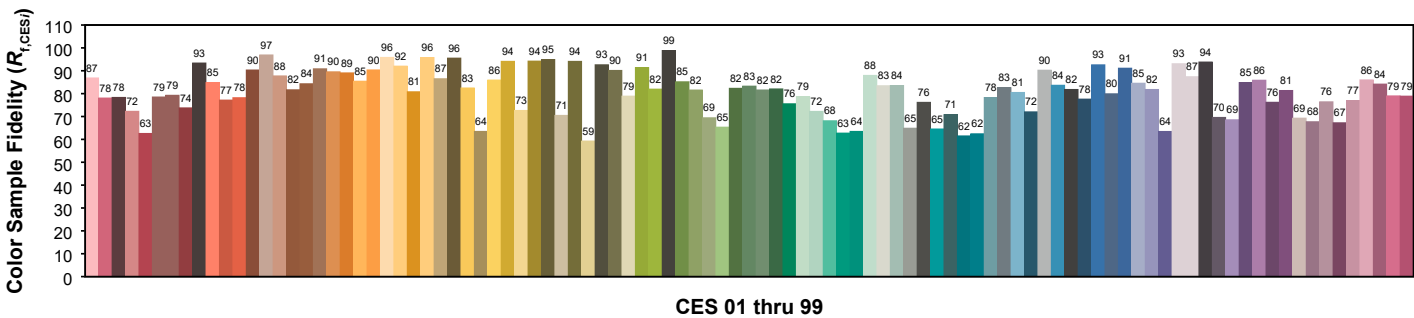
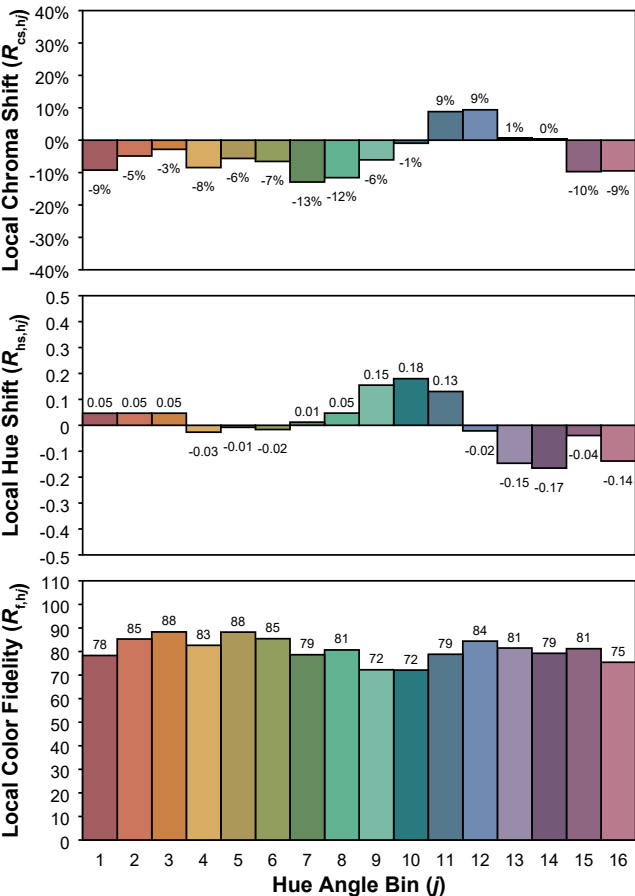
Ceiling Height	Fixture Spacing	RCR 2		RCR 4	
		FC +	W/Sq. Ft.	FC +	W/Sq. Ft.
18'	12'	61	0.68	74	0.99
22'	14'	51	0.57	42	0.57
26'	18'	33	0.37	27	0.37
Delivered Illuminance Rating: (DIR)		90 FC per W/Sq. Ft.		75 FC per W/Sq. Ft.	
3' Suspension Length to luminous aperture Square rooms used for multiple 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 TF3 xx



CES 01 thru 99

Luminous Flux: 8763 lm  
Radiant Flux: 29 Wrad  
Electrical Power: 107 W  
Efficacy: 82 lm/W  
Melanopic Flux: 4579 mel lm  
Melanopic Ratio: 0.52  
CCT: 2544K  
xy Coordinates: 0.459, 0.402  
u'v' Coordinates: 0.266, 0.524  
Delta u'v': -0.0033

CIE u'v' (1976)

