

IES INDOOR REPORT
PHOTOMETRIC FILENAME : ALXXX22LEDLX-65L35KE1-AL22.IES
DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002
 [TESTLAB] Photopia 2014.1.0 see: www.ltioptics.com/ies
 [ISSUE DATE]
 [TEST] SP-00011_28_M65L_LX
 [TEST DATE] Wed Feb 11 2015
 [UPDATE] Tue Jul 19 2016
 [MANUFAC] Spectrum Lighting
 [LUMCAT] ALDDH22LEDLX or ALEXT22LEDLX-65L-35K-E1-AL22
 [LUMINAIRE] LED High Bay: 22" Dia. Alum. Reflector, Open Aperture
 [REFLECTOR] Inside: Matte White powder coat painted
 [LAMP] LED
 [LAMPCAT] N/A
 [OTHER] Total Luminaire Watts is approximate
 [OTHER] CCT Output Multipliers: 40K x 1.03, 30K x 0.979, 27K x 0.959
 [OTHER] This report prepared by Spectrum Lighting, scaled from 60W

CHARACTERISTICS

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	5684
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	95
Total Luminaire Watts	60
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	1.06
Spacing Criterion (90-270)	1.06
Spacing Criterion (Diagonal)	1.26
Basic Luminous Shape	Circular
Luminous Length (0-180)	1.87 ft (Diameter)
Luminous Width (90-270)	1.87 ft (Diameter)
Luminous Height	0.00 ft

LUMINANCE DATA (cd/sq.m)

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	9761	9744	9651
55	4208	4214	4180
65	1973	1968	1972
75	1963	1966	1934
85	1572	1611	1529

IES INDOOR REPORT
PHOTOMETRIC FILENAME : ALXXX22LEDLX-65L35KE1-AL22.IES

CANDELA TABULATION

	<u>0</u>	<u>45</u>	<u>90</u>
0	3081.86	3081.86	3081.86
5	2887.29	2915.44	2898.48
10	2715.42	2712.52	2660.49
15	2543.00	2520.13	2504.68
20	2407.24	2409.34	2396.50
25	2302.56	2298.24	2299.89
30	2143.94	2151.80	2141.58
35	2020.05	2037.62	2014.44
40	1914.64	1897.33	1891.32
45	1756.45	1753.54	1736.73
50	1499.17	1492.53	1483.31
55	614.20	615.18	610.18
60	236.88	237.78	237.59
65	212.18	211.64	212.10
70	173.46	173.84	170.28
75	129.29	129.49	127.40
80	82.02	83.11	81.09
85	34.87	35.73	33.91
90	2.61	1.91	2.00

IES INDOOR REPORT
PHOTOMETRIC FILENAME : ALXXX22LEDLX-65L35KE1-AL22.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	987.93	N.A.	17.40
0-30	2044.21	N.A.	36.00
0-40	3314.25	N.A.	58.30
0-60	5299.77	N.A.	93.20
0-80	5641.85	N.A.	99.30
0-90	5683.92	N.A.	100.00
10-90	5411.87	N.A.	95.20
20-40	2326.32	N.A.	40.90
20-50	3657.27	N.A.	64.30
40-70	2192.19	N.A.	38.60
60-80	342.07	N.A.	6.00
70-80	135.40	N.A.	2.40
80-90	42.08	N.A.	0.70
90-110	0.00	N.A.	0.00
90-120	0.00	N.A.	0.00
90-130	0.00	N.A.	0.00
90-150	0.00	N.A.	0.00
90-180	0.00	N.A.	0.00
110-180	0.00	N.A.	0.00
0-180	5683.92	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	272.05
10-20	715.88
20-30	1056.28
30-40	1270.04
40-50	1330.95
50-60	654.57
60-70	206.67
70-80	135.40
80-90	42.08
90-100	0.00
100-110	0.00
110-120	0.00
120-130	0.00
130-140	0.00
140-150	0.00
150-160	0.00
160-170	0.00
170-180	0.00

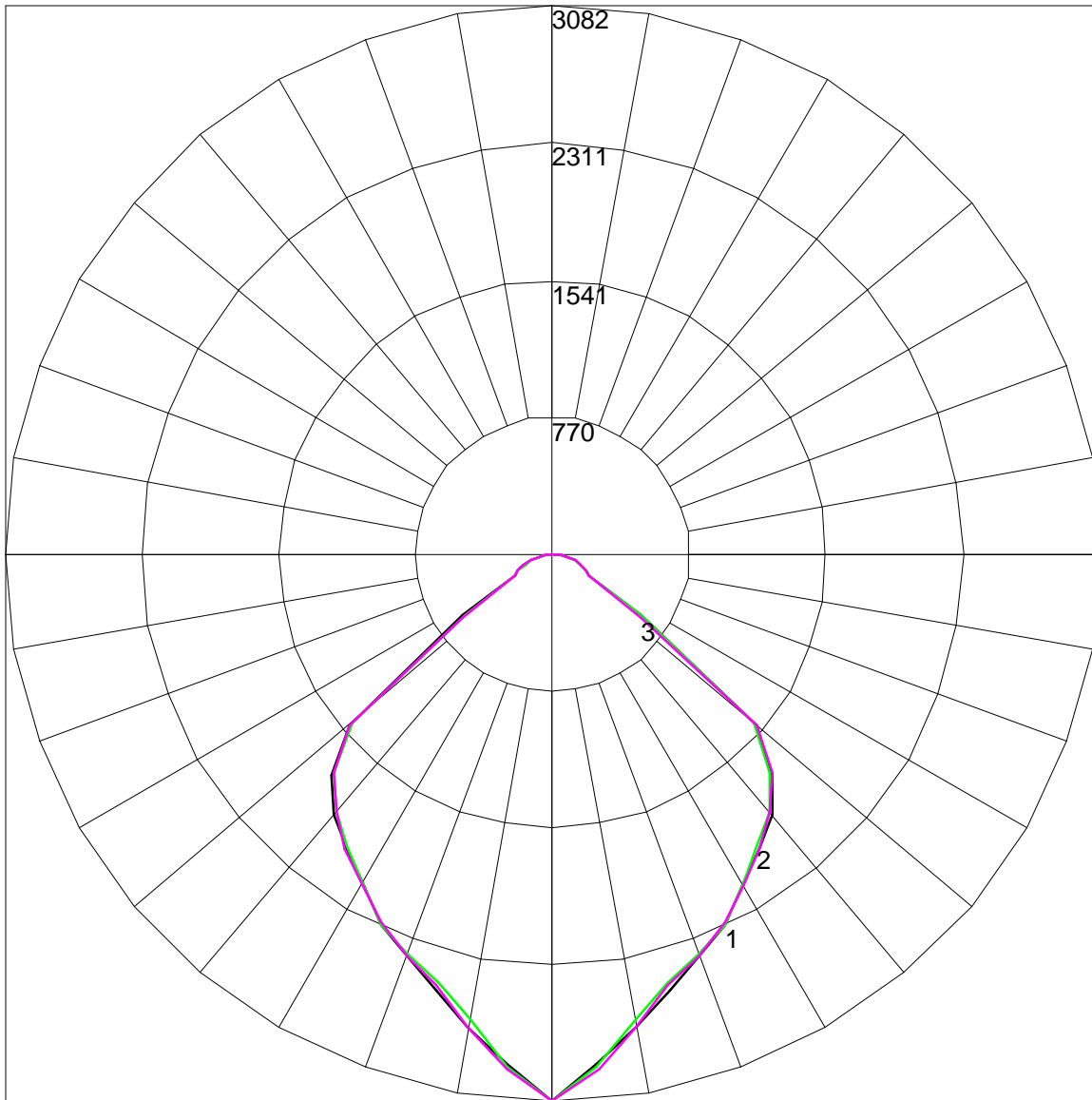
IES INDOOR REPORT
PHOTOMETRIC FILENAME : ALXXX22LEDLX-65L35KE1-AL22.IES

COEFFICIENTS OF UTILIZATION - ZONAL CAVITY METHOD

Effective Floor Cavity Reflectance 0.20

RC	80				70				50			30			10			0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	0
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100
1	111	107	104	101	108	105	102	99	101	98	96	97	95	93	93	92	90	88
2	103	96	90	86	100	94	89	85	91	87	83	88	84	81	85	82	79	77
3	95	86	79	74	93	85	78	73	82	77	72	79	75	71	77	73	70	68
4	88	78	70	64	86	77	70	64	74	68	63	72	67	62	70	65	62	60
5	82	70	63	57	80	69	62	56	67	61	56	66	60	55	64	59	55	53
6	76	64	56	50	74	63	56	50	61	55	50	60	54	49	58	53	49	47
7	71	59	51	45	69	58	50	45	56	50	45	55	49	44	54	48	44	42
8	66	54	46	41	65	53	46	40	52	45	40	51	44	40	49	44	40	38
9	62	49	42	37	61	49	42	37	48	41	37	47	41	36	46	40	36	34
10	58	46	38	34	57	45	38	33	44	38	33	43	37	33	43	37	33	31

POLAR GRAPH



Maximum Candela = 3081.86 Located At Horizontal Angle = 0, Vertical Angle = 0

1 - Vertical Plane Through Horizontal Angles (0 - 180)

2 - Vertical Plane Through Horizontal Angles (90 - 270)

3 - Vertical Plane Through Horizontal Angles (45 - 225)