

IES INDOOR REPORT
PHOTOMETRIC FILENAME : ALXXX22LEDLX-100L35KE1-AL22.IES
DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002
 [TESTLAB] Photopia 2014.1.0 see: www.ltiopics.com/ies
 [ISSUEDATE]
 [TEST] SP-00011_27_M_100L_LX
 [TESTDATE] Wed Feb 11 2015
 [UPDATE] Tue Jul 19 2016
 [MANUFAC] Spectrum Lighting
 [LUMCAT] ALDDH22LEDLX or ALEXT22LEDLX-100L-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

CHARACTERISTICS

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	8946
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	102
Total Luminaire Watts	88
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	1.08
Spacing Criterion (90-270)	1.06
Spacing Criterion (Diagonal)	1.28
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	15180	15411	15356
55	6745	6747	6740
65	3098	3043	3117
75	3031	3138	3096
85	2400	2342	2368

IES INDOOR REPORT
PHOTOMETRIC FILENAME : ALXXX22LEDLX-100L35KE1-AL22.IES

CANDELA TABULATION

	<u>0</u>	<u>45</u>	<u>90</u>
0	4784.193	4784.193	4784.193
5	4564.550	4553.081	4541.145
10	4253.003	4229.588	4219.824
15	3989.605	3963.438	3957.589
20	3800.450	3792.534	3834.709
25	3567.894	3572.537	3577.544
30	3400.273	3372.298	3357.038
35	3206.755	3203.181	3177.596
40	3000.023	2968.246	3001.706
45	2731.649	2773.274	2763.385
50	2348.706	2346.431	2343.460
55	984.564	984.876	983.827
60	374.435	379.588	380.325
65	333.247	327.232	335.210
70	273.661	279.551	276.051
75	199.647	206.680	203.896
80	127.596	127.544	134.255
85	53.239	51.940	52.522
90	3.054	3.688	3.137

IES INDOOR REPORT
PHOTOMETRIC FILENAME : ALXXX22LEDLX-100L35KE1-AL22.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	1553.08	N.A.	17.40
0-30	3206.16	N.A.	35.80
0-40	5205.56	N.A.	58.20
0-60	8340.44	N.A.	93.20
0-80	8881.85	N.A.	99.30
0-90	8946.48	N.A.	100.00
10-90	8520.56	N.A.	95.20
20-40	3652.47	N.A.	40.80
20-50	5748.07	N.A.	64.20
40-70	3461.23	N.A.	38.70
60-80	541.41	N.A.	6.10
70-80	215.06	N.A.	2.40
80-90	64.64	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	8946.48	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	425.92
10-20	1127.16
20-30	1653.07
30-40	1999.4
40-50	2095.6
50-60	1039.28
60-70	326.34
70-80	215.06
80-90	64.64
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

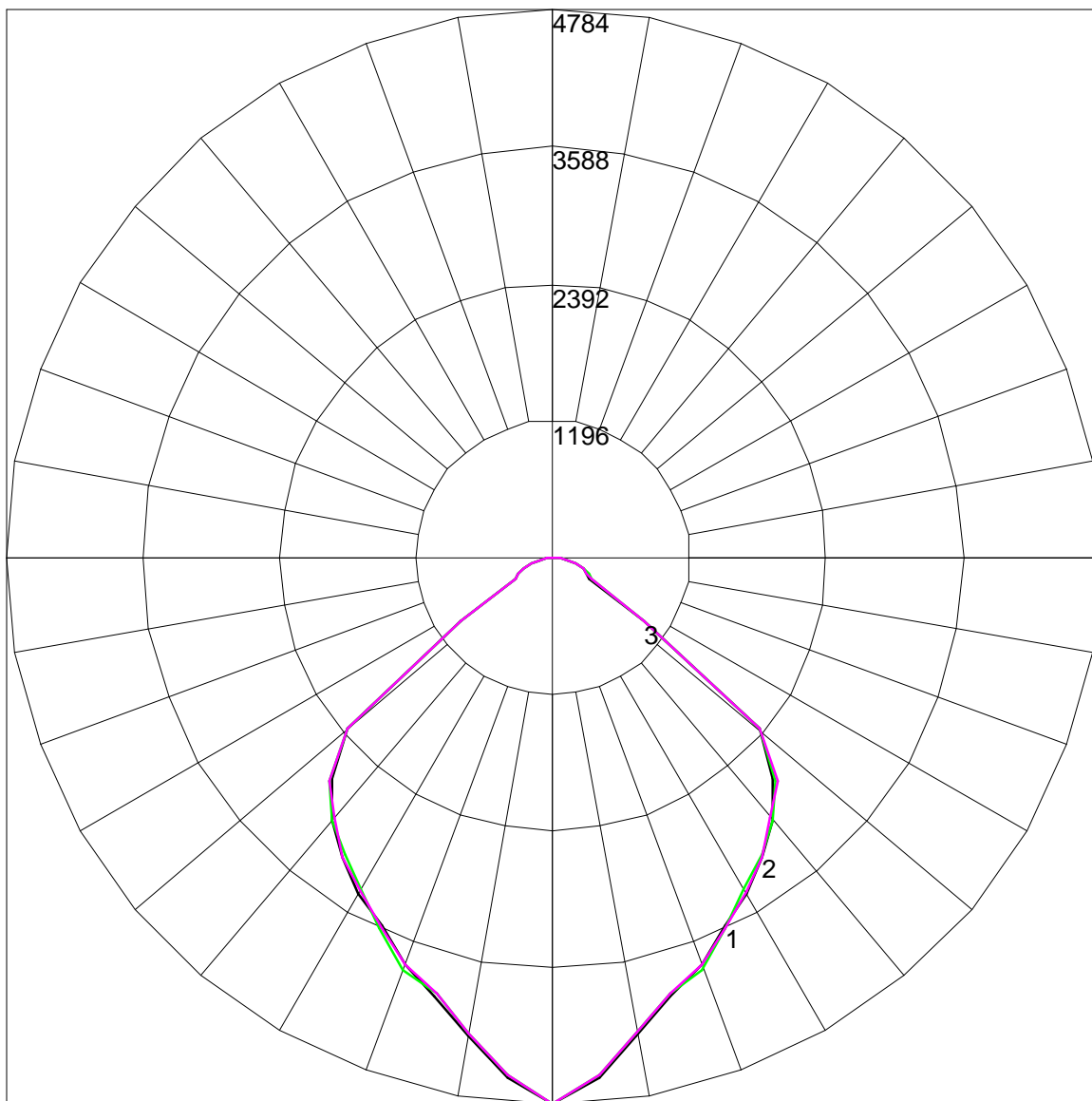
IES INDOOR REPORT
PHOTOMETRIC FILENAME : ALXXX22LEDLX-100L35KE1-AL22.IES

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	69	64	74	68	63	72	67	62	70	65	62	60
5	82	70	63	57	80	69	62	56	67	61	56	65	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	58	51	45	69	58	50	45	56	49	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	60	49	42	37	48	41	36	47	41	36	46	40	36	34
10	58	46	38	33	57	45	38	33	44	38	33	43	37	33	43	37	33	31

POLAR GRAPH



Maximum Candela = 4784.193 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)