

IES INDOOR REPORT**PHOTOMETRIC FILENAME : WSDDH20LEDLX-65L35KEX-MWI.IES****DESCRIPTION INFORMATION (From Photometric File)**

IESNA:LM-63-2002

[TESTLAB] Photopia 3.2.11 see: www.ltioptics.com/ies

[ISSUE DATE]

[TEST] SP-00398_M-LX-65L-35K PRELIMINARY

[TEST DATE] Feb 25 2013

[UPDATE] Feb 20 2018

[MANUFAC] Spectrum Lighting

[LUMCAT] WSDDH20LEDLX-65L-35K-EX-MWI

[LUMINAIRE] Nominal 20" diam. x 7.1" H. RLM Shade

[OTHER] Reflector, inside finish: Matte White Powder Coat

[OTHER] No Lens, No enclosure

[LAMP] N/A

[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 PRELIMINARY report generated by Spectrum Lighting, scaled from WD2015LEDGV37W35KEX

CHARACTERISTICS

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	6631
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	118
Total Luminaire Watts	56.2
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	1.34
Spacing Criterion (90-270)	1.34
Spacing Criterion (Diagonal)	1.44
Basic Luminous Shape	Circular
Luminous Length (0-180)	1.66 ft (Diameter)
Luminous Width (90-270)	1.66 ft (Diameter)
Luminous Height	0.00 ft

IES INDOOR REPORT
PHOTOMETRIC FILENAME : WSDDH20LEDLX-65L35KEX-MWI.IES

LUMINANCE DATA (cd/sq.m)

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	12228	12239	12179
55	12108	12174	12091
65	9273	9354	9240
75	1777	1691	1680
85	2148	2233	2275

IES INDOOR REPORT
PHOTOMETRIC FILENAME : WSDDH20LEDLX-65L35KEX-MWI.IES

CANDELA TABULATION

	<u>0.0</u>	<u>22.5</u>	<u>45.0</u>	<u>67.5</u>	<u>90.0</u>
0	2383.004	2383.004	2383.004	2383.004	2383.004
5	2391.768	2416.084	2415.047	2393.453	2405.344
10	2396.547	2384.818	2385.693	2370.109	2373.932
15	2337.385	2327.584	2324.684	2348.611	2333.788
20	2265.149	2283.714	2282.791	2275.160	2266.785
25	2219.400	2231.096	2207.250	2239.958	2236.702
30	2163.737	2146.079	2167.673	2155.977	2134.431
35	2018.909	2031.221	2029.358	2022.554	2025.729
40	1872.979	1888.272	1887.721	1889.633	1890.524
45	1732.282	1736.948	1733.773	1739.896	1725.381
50	1550.259	1570.639	1577.815	1567.706	1568.792
55	1391.386	1398.449	1399.000	1400.166	1389.458
60	1196.791	1206.446	1210.253	1205.329	1197.990
65	785.101	787.628	792.002	791.678	782.363
70	138.737	135.918	135.529	137.732	134.006
75	92.129	90.137	87.707	86.913	87.124
80	71.118	70.065	70.033	70.162	70.567
85	37.503	38.070	38.993	37.892	39.722
90	11.875	10.174	9.898	11.048	9.104

IES INDOOR REPORT
PHOTOMETRIC FILENAME : WSDDH20LEDLX-65L35KEX-MWI.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	888.24	N.A.	13.40
0-30	1915.03	N.A.	28.90
0-40	3183.61	N.A.	48.00
0-60	5768.08	N.A.	87.00
0-80	6588.31	N.A.	99.40
0-90	6631.19	N.A.	100.00
10-90	6402.69	N.A.	96.60
20-40	2295.37	N.A.	34.60
20-50	3633.54	N.A.	54.80
40-70	3303.38	N.A.	49.80
60-80	820.22	N.A.	12.40
70-80	101.32	N.A.	1.50
80-90	42.89	N.A.	0.60
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	6631.19	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	228.50
10-20	659.74
20-30	1026.79
30-40	1268.58
40-50	1338.17
50-60	1246.31
60-70	718.90
70-80	101.32
80-90	42.89
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

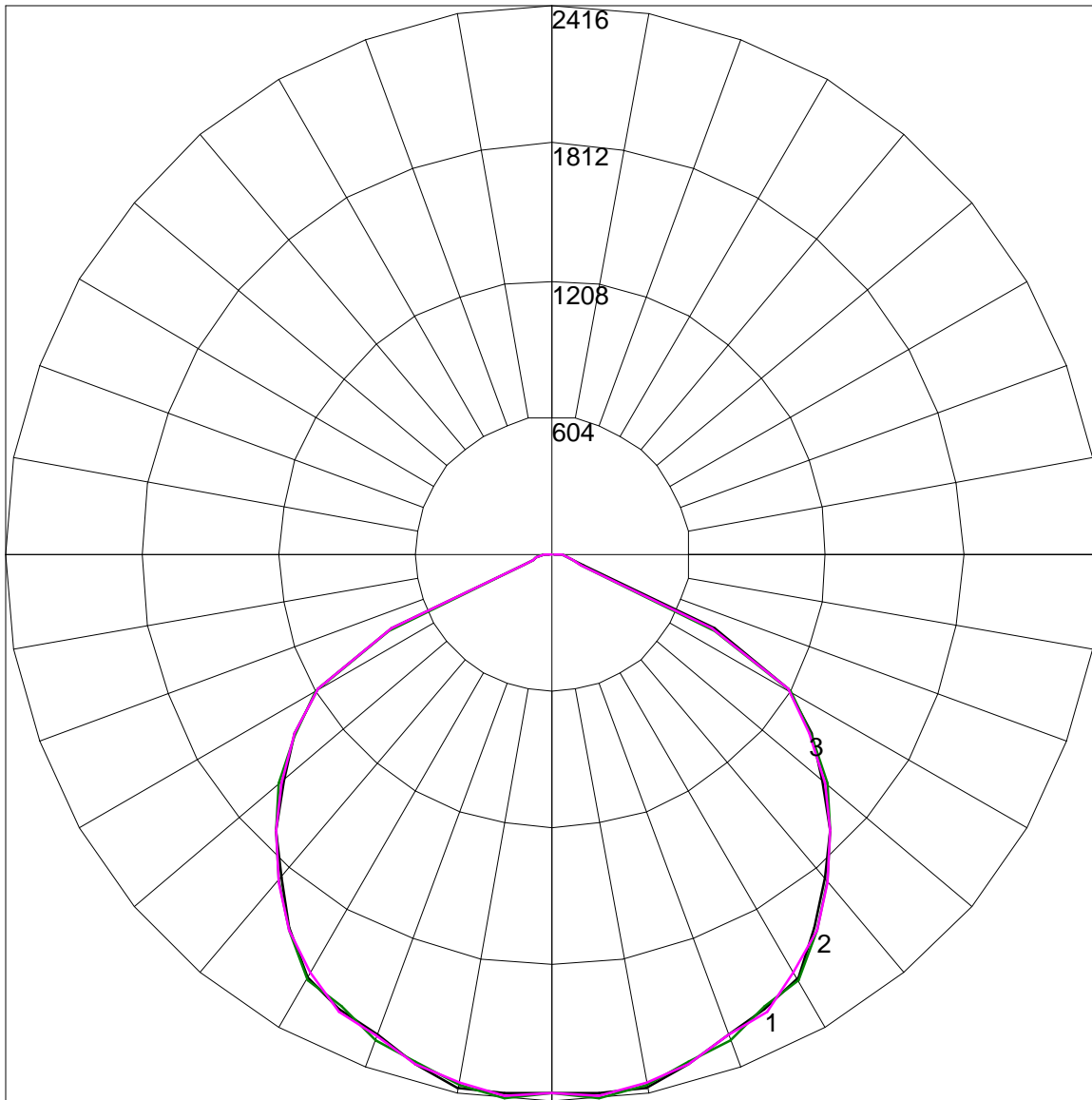
IES INDOOR REPORT
PHOTOMETRIC FILENAME : WSDDH20LEDLX-65L35KEX-MWI.IES

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	110	106	102	99	108	104	100	97	100	97	94	96	93	91	92	90	89	87
2	101	93	87	82	98	92	86	81	88	83	79	85	81	77	82	79	76	74
3	92	83	75	69	90	81	74	68	78	72	67	75	70	66	73	69	65	63
4	85	73	65	59	82	72	64	58	70	63	57	67	61	57	65	60	56	54
5	78	66	57	51	76	64	56	50	62	55	50	60	54	49	59	53	49	47
6	72	59	50	44	70	58	50	44	56	49	43	55	48	43	53	47	43	41
7	67	53	45	39	65	53	44	39	51	44	38	50	43	38	48	42	38	36
8	62	49	40	35	60	48	40	34	47	39	34	45	39	34	44	38	34	32
9	58	45	36	31	56	44	36	31	43	36	31	42	35	31	41	35	30	29
10	54	41	33	28	53	41	33	28	40	33	28	39	32	28	38	32	28	26

POLAR GRAPH



Maximum Candela = 2416.084 Located At Horizontal Angle = 22.5, Vertical Angle = 5

- # 1 - Vertical Plane Through Horizontal Angles (0 - 180)
- # 2 - Vertical Plane Through Horizontal Angles (45 - 225)
- # 3 - Vertical Plane Through Horizontal Angles (90 - 270)