

IES INDOOR REPORT**PHOTOMETRIC FILENAME : RDXX6XT-13LXXKWDE1-RD6XSGSOX.IES****DESCRIPTION INFORMATION (From Photometric File)**

IESNA:LM-63-2002

[TESTLAB] Photopia 2014.1.0 see: www.ltioptics.com/ies

[ISSUE DATE]

[TEST DATE] Fri Jun 19 2015

[UPDATE] Thu Oct 22 2015

[TEST] SP-00476_3_M-13L

[MANUFAC] Spectrum Lighting

[LUMCAT] RDxx6LEDXT-13L-xxK-WD-E1-RD6x-SG-SOX

[LUMINAIRE] 6" aperture, Wide Beam

[TRIM] Semi-diffuse, regressed Solite Lens

[LAMP] N/A, Min. 83 CRI

[LAMPCAT] N/A

[OTHER] Total Luminaire Watts is approximate

[OTHER] For Housings: RDFl6, RDFO6, RDZl6, and RDZO6 series

[OTHER] For Trims: RD6F and RD6N series with SOX or SOW

[OTHER] LEDXT lumen output is the same for all available color temperatures

[OTHER] This report prepared by Spectrum Lighting, scaled from 50L report

CHARACTERISTICS

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	1015
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	68
Total Luminaire Watts	15
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	0.88
Spacing Criterion (90-270)	0.88
Spacing Criterion (Diagonal)	0.78
Basic Luminous Shape	Point
Luminous Length (0-180)	0.00 ft
Luminous Width (90-270)	0.00 ft
Luminous Height	0.00 ft

IES INDOOR REPORT**PHOTOMETRIC FILENAME : RDXX6XT-13LXXKWDE1-RD6XSGSOX.IES****LUMINANCE DATA (cd/sq.m)**

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	0	0	0
55	0	0	0
65	0	0	0
75	0	0	0
85	0	0	0

IES INDOOR REPORT
 PHOTOMETRIC FILENAME : RDXX6XT-13LXXKWDE1-RD6XSGSOX.IES

CANDELA TABULATION

	<u>0.0</u>	<u>22.5</u>	<u>45.0</u>	<u>67.5</u>	<u>90.0</u>
0	1341.967	1341.967	1341.967	1341.967	1341.967
5	1373.055	1410.791	1378.811	1385.678	1396.028
10	1427.943	1417.666	1411.082	1418.433	1427.465
15	1353.386	1320.959	1325.059	1330.412	1338.262
20	1111.773	1106.425	1103.492	1109.423	1113.801
25	788.221	779.147	772.533	783.455	783.281
30	420.924	418.145	417.942	413.377	410.704
35	137.114	139.058	136.973	136.978	138.190
40	61.909	58.908	60.252	59.688	59.623
45	44.291	43.781	42.253	44.533	44.392
50	36.002	35.818	35.688	35.017	34.923
55	21.338	22.495	22.058	22.087	22.412
60	2.249	2.010	2.109	2.142	2.059
65	0.413	0.369	0.359	0.291	0.354
70	0.182	0.159	0.185	0.198	0.320
75	0.185	0.135	0.120	0.203	0.159
80	0.023	0.052	0.104	0.099	0.104
85	0.029	0.021	0.042	0.047	0.042
90	0.031	0.013	0.000	0.000	0.000

IES INDOOR REPORT
PHOTOMETRIC FILENAME : RDXX6XT-13LXXKWDE1-RD6XSGSOX.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	497.19	N.A.	49.00
0-30	846.66	N.A.	83.40
0-40	961.20	N.A.	94.70
0-60	1014.53	N.A.	99.90
0-80	1015.42	N.A.	100.00
0-90	1015.46	N.A.	100.00
10-90	882.33	N.A.	86.90
20-40	464.01	N.A.	45.70
20-50	499.20	N.A.	49.20
40-70	54.06	N.A.	5.30
60-80	0.89	N.A.	0.10
70-80	0.16	N.A.	0.00
80-90	0.04	N.A.	0.00
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	1015.46	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	133.13
10-20	364.06
20-30	349.47
30-40	114.54
40-50	35.20
50-60	18.13
60-70	0.74
70-80	0.16
80-90	0.04
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

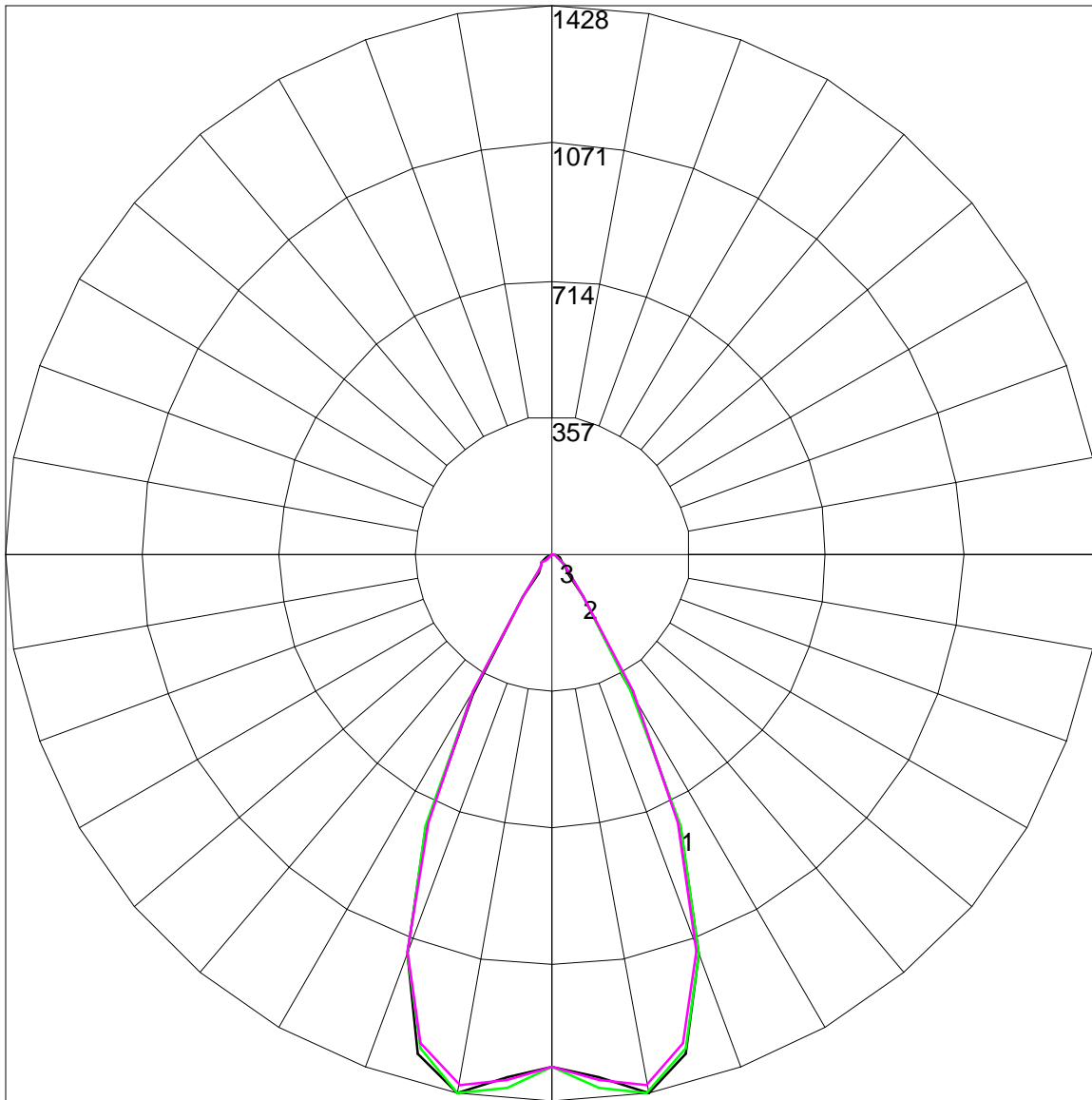
IES INDOOR REPORT
PHOTOMETRIC FILENAME : RDXX6XT-13LXXKWDE1-RD6XSGSOX.IES

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	114	111	109	107	112	109	107	105	105	104	102	102	100	99	98	97	96	94
2	109	104	101	97	107	103	99	96	99	97	94	97	94	92	94	92	90	89
3	104	98	93	90	102	97	92	89	94	91	88	92	89	86	90	87	85	84
4	99	92	87	83	98	91	87	83	89	85	82	87	84	81	85	82	80	79
5	95	87	82	78	93	86	81	77	84	80	77	83	79	76	81	78	75	74
6	91	82	77	73	89	82	77	73	80	76	72	79	75	72	78	74	71	70
7	87	78	73	69	85	77	72	69	76	72	68	75	71	68	74	70	68	66
8	83	74	69	65	82	74	68	65	73	68	65	72	67	64	71	67	64	63
9	79	71	65	61	78	70	65	61	69	64	61	68	64	61	68	64	61	60
10	76	67	62	58	75	67	62	58	66	61	58	65	61	58	65	61	58	57

POLAR GRAPH



Maximum Candela = 1427.943 Located At Horizontal Angle = 0, Vertical Angle = 10

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

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

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