



IES INDOOR REPORT

PHOTOMETRIC FILENAME : 10T548LED24DMVXXFR40.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002
 [TEST] 10T548LED24DMVxxFR40
 [TESTDATE] 23-May-2019 10:40:56
 [TESTLAB] Radiant Vision Systems ProSource
 [ISSUEDATE] 5/23/2019 11:46:27 AM
 [MANUFAC] Mobern Lighting Co.
 [LAMP] LED Module
 [TOTALLUMINAIRELUMENS] 2506.5
 [DRIVER TYPE](1) OSRAM OT50W
 [BOARD/LAMP TYPE] (2) SYLVANIA "E" BOARDS
 [COLOR TEMP] 4096 CCT
 [LUMEN/WATT] 104 LPW
 [CRI] 83.2
 [NUMBEROFRAYS]10000000
 [OTHER] Absolute Photometry measurement

CHARACTERISTICS

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	2507
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	104
Total Luminaire Watts	24.1
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	1.22
Spacing Criterion (90-270)	1.34
Spacing Criterion (Diagonal)	1.40
Basic Luminous Shape	Rectangular w/Sides
Luminous Length (0-180)	1.17 m
Luminous Width (90-270)	0.08 m
Luminous Height	0.05 m

LUMINANCE DATA (cd/sq.m)

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	6397	5150	5184
55	5771	4604	4790
65	5142	4143	4528
75	4301	3742	4230
85	2879	3633	4106

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CANDELA TABULATION

	<u>0</u>	<u>10</u>	<u>20</u>	<u>30</u>	<u>40</u>	<u>50</u>	<u>60</u>	<u>70</u>	<u>80</u>	<u>90</u>
0	728.01	728.01	728.01	728.01	728.01	728.01	728.01	728.01	728.01	728.01
3	727.79	727.33	726.79	726.50	725.97	725.49	725.16	724.85	724.56	724.37
6	724.18	723.63	723.22	722.40	721.48	720.69	720.37	720.18	720.24	720.40
9	719.91	719.38	718.59	716.77	715.05	713.73	713.48	714.58	716.14	717.15
12	711.20	710.34	709.26	708.23	707.43	705.44	705.15	707.74	711.17	712.87
15	694.69	692.48	693.45	695.10	696.20	696.21	697.40	701.58	705.05	705.65
18	675.28	673.77	673.07	679.88	683.49	686.09	689.71	695.18	697.57	695.89
21	657.82	656.07	656.87	664.87	669.91	672.29	677.47	683.65	685.37	684.52
24	638.73	638.65	640.12	644.66	651.70	656.33	660.46	666.50	670.16	672.30
27	614.01	616.32	616.68	623.58	633.03	641.16	646.08	650.88	656.71	659.66
30	586.47	589.32	590.20	600.59	612.01	623.18	632.33	639.33	644.46	645.83
33	559.45	561.58	562.38	576.94	590.03	601.72	614.33	623.82	628.82	630.03
36	531.27	532.78	533.97	552.33	566.29	577.38	593.23	603.93	609.78	612.52
39	500.24	503.07	509.24	521.26	540.86	555.24	572.63	584.75	591.58	593.99
42	469.55	472.35	483.37	493.87	517.74	535.39	554.45	566.71	572.91	575.59
45	441.68	441.40	454.44	466.50	491.29	512.64	530.92	549.27	553.15	557.82
48	411.24	410.75	422.59	439.08	463.50	486.01	503.94	528.84	533.47	538.44
51	374.05	381.37	387.60	411.68	436.45	459.85	481.89	504.40	515.69	515.77
54	338.09	347.89	363.60	378.70	408.84	435.74	460.83	480.10	495.66	493.27
57	310.49	314.49	336.33	350.13	385.47	409.77	439.40	455.44	473.57	474.19
60	282.88	283.83	301.67	322.74	359.03	383.94	416.58	432.36	449.34	455.89
63	246.89	252.24	271.49	297.21	329.21	360.10	392.62	411.98	424.76	435.06
66	209.73	214.92	238.68	274.04	304.93	340.29	368.63	391.03	399.44	411.53
69	179.45	182.80	209.68	245.96	280.15	317.28	348.13	368.58	377.11	386.43
72	151.67	156.74	184.12	217.97	257.10	290.41	326.98	346.75	359.03	362.49
75	120.87	130.23	160.32	193.27	231.76	269.20	301.41	325.38	340.53	341.62
78	89.63	102.58	137.00	174.34	210.91	249.47	277.64	303.76	320.47	320.84
81	65.81	79.83	118.56	157.86	194.58	232.28	260.61	289.25	302.71	300.71
84	41.45	60.36	95.48	138.50	174.78	213.06	243.90	270.53	283.78	280.21
87	22.03	43.12	80.73	124.20	162.00	200.24	225.16	248.14	265.95	258.32
90	10.11	31.25	67.62	104.09	145.89	176.84	206.72	224.37	242.98	253.16
93	0.64	10.09	30.19	50.80	61.98	82.08	95.33	118.01	106.56	116.45
96	0.04	0.79	2.25	2.44	4.86	5.77	7.60	11.10	12.39	8.29
99	0.02	0.14	0.79	0.86	0.87	0.89	1.29	1.14	2.77	0.68
102	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
105	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
108	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
111	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
114	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
117	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
120	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
123	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
126	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
129	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
132	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
135	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
138	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
141	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
144	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
147	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
150	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
153	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
156	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
159	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

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CANDELA TABULATION - (Cont.)

162	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
165	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
168	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
171	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
174	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
177	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
180	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Vert. Horizontal Angles
Angles

	<u>100</u>	<u>110</u>	<u>120</u>	<u>130</u>	<u>140</u>	<u>150</u>	<u>160</u>	<u>170</u>	<u>180</u>	<u>190</u>
0	728.01	728.01	728.01	728.01	728.01	728.01	728.01	728.01	728.01	728.01
3	724.05	723.76	723.38	722.87	722.44	722.51	721.61	721.84	722.10	722.38
6	720.37	720.18	719.64	718.65	717.75	716.65	715.22	713.72	713.72	714.05
9	717.08	716.10	714.63	712.91	711.11	708.80	707.77	706.30	706.68	707.48
12	711.56	708.57	705.71	703.66	701.93	699.04	697.75	697.62	698.76	700.45
15	702.72	698.53	694.65	692.21	688.99	687.51	687.40	686.04	686.75	688.58
18	693.14	688.31	683.85	679.93	674.30	673.37	672.82	672.31	669.60	672.71
21	683.28	677.88	671.09	665.35	657.95	653.47	651.73	650.38	647.51	648.21
24	672.61	663.93	652.75	648.18	637.02	625.04	623.53	623.09	623.48	622.46
27	659.26	645.86	634.69	630.12	616.83	601.20	593.91	595.27	600.07	603.16
30	643.49	629.54	620.28	611.88	596.17	580.98	569.38	567.28	575.67	582.40
33	624.86	613.53	607.21	593.53	577.14	562.71	545.44	539.24	548.40	549.62
36	605.99	597.27	589.31	568.32	553.29	540.79	519.21	508.76	519.40	511.20
39	590.89	578.44	565.02	539.58	521.81	506.63	493.52	475.65	490.08	480.02
42	573.57	555.92	542.89	515.95	495.50	473.26	468.01	442.24	459.86	452.14
45	551.14	536.17	521.99	496.73	473.28	439.72	437.48	412.85	427.86	421.67
48	529.11	517.61	499.03	472.47	450.81	410.78	401.50	385.31	394.12	390.52
51	511.16	495.51	476.04	446.33	421.89	389.35	361.37	357.37	359.16	363.19
54	491.07	473.65	454.11	424.87	388.46	360.98	331.32	325.84	324.13	334.42
57	469.71	452.17	431.78	399.96	362.12	328.67	301.98	294.21	290.08	303.03
60	447.41	431.46	405.27	372.12	337.33	296.98	274.34	261.99	256.82	269.48
63	424.14	412.67	379.38	348.80	308.14	273.30	251.13	230.13	223.88	237.14
66	399.56	389.86	354.30	327.74	283.40	253.98	220.22	197.88	190.87	204.33
69	378.30	362.79	332.36	302.75	262.61	228.07	192.56	166.70	157.74	171.82
72	359.74	340.54	313.62	279.37	245.09	204.10	167.22	136.88	125.73	140.48
75	337.56	322.01	293.62	262.01	219.42	182.41	142.62	109.44	96.07	112.08
78	313.94	300.25	274.85	243.14	197.74	163.98	121.29	84.93	68.83	86.99
81	293.81	278.91	256.01	220.94	178.89	142.66	102.48	61.29	42.40	63.13
84	279.68	262.52	239.39	204.57	162.37	126.11	84.67	47.31	23.16	47.45
87	261.79	245.00	219.58	188.22	149.69	110.90	72.07	35.77	8.47	32.52
90	241.95	225.49	201.14	171.57	137.14	96.33	61.37	28.88	1.44	21.40
93	109.23	126.72	108.43	95.49	78.36	57.62	37.04	14.50	1.50	9.21
96	16.06	12.75	10.65	12.05	10.60	6.50	5.83	3.36	0.65	1.66
99	4.28	0.87	0.54	0.52	0.74	0.07	0.10	1.03	0.15	0.44
102	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
105	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
108	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
111	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
114	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
117	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
120	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
123	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
126	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
129	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
132	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

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CANDELA TABULATION - (Cont.)

135	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
138	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
141	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
144	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
147	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
150	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
153	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
156	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
159	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
162	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
165	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
168	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
171	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
174	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
177	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
180	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Vert. Angles **Horizontal Angles**

	<u>200</u>	<u>210</u>	<u>220</u>	<u>230</u>	<u>240</u>	<u>250</u>	<u>260</u>	<u>270</u>	<u>280</u>	<u>290</u>
0	728.01	728.01	728.01	728.01	728.01	728.01	728.01	728.01	728.01	728.01
3	722.68	724.37	724.85	726.14	727.39	728.40	729.20	729.72	730.03	730.10
6	716.05	718.30	720.46	722.59	725.05	726.91	727.92	728.54	728.56	728.29
9	709.90	712.02	715.77	719.53	723.06	724.77	724.89	724.38	723.98	723.56
12	702.68	705.19	709.69	714.76	719.77	721.72	721.10	719.96	719.40	719.06
15	692.01	692.64	695.46	703.78	710.59	714.39	715.93	717.24	716.84	715.01
18	674.09	674.71	676.47	688.74	697.78	702.24	708.00	712.53	711.96	707.04
21	652.23	655.52	660.53	675.27	686.75	691.03	697.29	702.28	699.98	694.84
24	629.89	637.60	644.48	661.10	673.80	680.10	686.14	689.17	685.26	681.80
27	607.97	620.50	628.54	643.67	657.64	665.79	673.97	676.54	673.89	670.35
30	582.22	595.87	609.09	625.60	640.04	649.61	660.27	663.96	664.52	657.84
33	551.92	571.07	590.85	609.97	623.22	632.23	643.72	650.21	652.14	640.82
36	525.99	550.64	569.77	589.63	605.16	616.78	625.71	634.70	636.33	623.79
39	505.35	522.82	539.73	563.40	583.10	600.41	609.58	617.33	620.60	606.74
42	477.32	491.36	512.81	536.98	562.25	581.53	591.97	599.08	602.19	585.68
45	443.98	459.55	491.46	514.67	539.87	562.86	572.39	580.58	579.54	564.02
48	409.59	433.34	470.47	491.24	514.42	540.98	552.93	559.83	556.30	543.63
51	372.81	410.08	440.88	466.58	490.53	515.68	533.94	535.64	535.80	521.12
54	346.29	377.83	406.70	444.56	467.30	495.27	510.56	512.33	513.52	498.03
57	318.43	344.43	381.80	420.00	444.21	475.53	485.96	493.58	491.06	475.20
60	288.53	311.58	355.90	391.25	420.76	450.34	460.95	475.36	467.57	453.36
63	262.90	286.62	322.89	364.57	398.59	424.15	437.54	453.16	443.14	432.12
66	232.20	265.65	296.25	343.50	373.42	399.94	414.31	428.56	418.03	408.99
69	204.19	236.17	273.33	319.88	346.55	377.37	390.76	404.08	396.00	384.27
72	177.33	210.85	253.16	293.23	323.08	355.19	368.69	379.85	375.92	360.71
75	150.19	189.47	228.11	270.40	301.05	331.67	346.66	355.55	350.95	337.30
78	126.13	170.58	208.38	247.28	280.04	307.66	323.90	331.24	323.82	312.63
81	105.04	148.63	186.93	221.40	255.51	284.30	294.80	305.20	299.72	290.70
84	85.94	130.67	164.32	203.22	240.63	264.91	273.92	285.05	283.93	271.30
87	71.64	112.99	152.89	186.89	221.94	239.87	258.02	268.07	260.54	248.35
90	58.21	97.85	138.07	173.38	205.74	222.04	244.72	250.17	241.79	226.68
93	36.08	63.65	83.93	113.10	137.58	148.83	144.59	149.98	143.85	150.84
96	5.74	8.00	13.40	16.82	17.98	21.01	22.10	13.78	17.93	20.45
99	0.07	0.14	0.97	1.12	1.82	3.23	7.00	1.72	4.64	4.12
102	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
105	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

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CANDELA TABULATION - (Cont.)

108	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
111	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
114	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
117	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
120	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
123	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
126	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
129	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
132	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
135	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
138	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
141	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
144	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
147	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
150	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
153	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
156	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
159	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
162	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
165	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
168	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
171	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
174	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
177	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
180	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Vert. Horizontal Angles
Angles

	<u>300</u>	<u>310</u>	<u>320</u>	<u>330</u>	<u>340</u>	<u>350</u>	<u>360</u>
0	728.01	728.01	728.01	728.01	728.01	728.01	728.01
3	729.99	729.71	729.32	729.13	728.45	728.16	727.79
6	727.68	726.74	726.16	725.64	725.04	724.36	724.18
9	722.73	721.28	719.82	718.71	719.15	719.31	719.91
12	718.24	716.32	713.73	710.39	709.38	710.10	711.20
15	712.37	709.89	705.21	699.84	696.18	694.24	694.69
18	701.63	698.52	693.88	687.43	679.69	677.98	675.28
21	688.72	685.07	681.41	672.91	663.96	660.58	657.82
24	677.88	673.20	664.84	651.35	645.66	641.67	638.73
27	667.97	660.17	645.82	630.06	623.30	619.07	614.01
30	652.85	641.86	623.53	609.42	601.23	593.03	586.47
33	634.03	623.16	603.60	589.88	576.48	565.94	559.45
36	615.02	602.00	582.55	568.41	547.84	538.29	531.27
39	593.67	578.93	557.24	538.84	522.11	511.24	500.24
42	572.28	556.23	534.72	510.93	494.89	481.95	469.55
45	551.31	534.15	509.74	481.45	464.51	447.17	441.68
48	530.76	508.09	482.24	451.97	433.98	411.41	411.24
51	508.39	479.10	454.26	424.33	401.67	382.16	374.05
54	483.01	452.54	425.46	393.84	376.52	353.42	338.09
57	457.92	427.42	401.72	366.82	346.31	324.41	310.49
60	431.37	403.83	375.52	338.26	311.95	295.74	282.88
63	407.03	380.61	345.91	311.71	283.57	262.99	246.89
66	383.74	357.63	320.29	286.85	252.99	223.65	209.73
69	359.43	333.64	294.80	255.84	224.82	189.99	179.45
72	334.18	309.67	272.10	230.62	196.94	164.23	151.67
75	309.02	287.34	244.61	208.16	169.68	137.48	120.87
78	287.61	260.90	221.33	185.74	145.38	110.35	89.63

IES INDOOR REPORT
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CANDELA TABULATION - (Cont.)

81	266.22	237.06	204.52	168.22	129.12	87.69	65.81
84	248.33	218.15	181.68	148.48	106.19	67.19	41.45
87	228.19	202.77	171.89	130.84	86.73	47.65	22.03
90	204.70	185.20	151.36	115.51	71.02	33.39	10.11
93	122.37	100.78	78.89	60.74	32.42	11.52	0.64
96	14.52	9.84	9.38	4.74	2.99	1.11	0.04
99	3.83	2.46	1.77	1.98	1.10	0.28	0.02
102	0.00	0.00	0.00	0.00	0.00	0.00	0.00
105	0.00	0.00	0.00	0.00	0.00	0.00	0.00
108	0.00	0.00	0.00	0.00	0.00	0.00	0.00
111	0.00	0.00	0.00	0.00	0.00	0.00	0.00
114	0.00	0.00	0.00	0.00	0.00	0.00	0.00
117	0.00	0.00	0.00	0.00	0.00	0.00	0.00
120	0.00	0.00	0.00	0.00	0.00	0.00	0.00
123	0.00	0.00	0.00	0.00	0.00	0.00	0.00
126	0.00	0.00	0.00	0.00	0.00	0.00	0.00
129	0.00	0.00	0.00	0.00	0.00	0.00	0.00
132	0.00	0.00	0.00	0.00	0.00	0.00	0.00
135	0.00	0.00	0.00	0.00	0.00	0.00	0.00
138	0.00	0.00	0.00	0.00	0.00	0.00	0.00
141	0.00	0.00	0.00	0.00	0.00	0.00	0.00
144	0.00	0.00	0.00	0.00	0.00	0.00	0.00
147	0.00	0.00	0.00	0.00	0.00	0.00	0.00
150	0.00	0.00	0.00	0.00	0.00	0.00	0.00
153	0.00	0.00	0.00	0.00	0.00	0.00	0.00
156	0.00	0.00	0.00	0.00	0.00	0.00	0.00
159	0.00	0.00	0.00	0.00	0.00	0.00	0.00
162	0.00	0.00	0.00	0.00	0.00	0.00	0.00
165	0.00	0.00	0.00	0.00	0.00	0.00	0.00
168	0.00	0.00	0.00	0.00	0.00	0.00	0.00
171	0.00	0.00	0.00	0.00	0.00	0.00	0.00
174	0.00	0.00	0.00	0.00	0.00	0.00	0.00
177	0.00	0.00	0.00	0.00	0.00	0.00	0.00
180	0.00	0.00	0.00	0.00	0.00	0.00	0.00

IES INDOOR REPORT
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ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	217.43	N.A.	8.70
0-30	565.22	N.A.	22.50
0-40	891.00	N.A.	35.50
0-60	1684.94	N.A.	67.20
0-80	2217.62	N.A.	88.40
0-90	2453.34	N.A.	97.80
10-90	2397.52	N.A.	95.60
20-40	673.57	N.A.	26.90
20-50	1020.85	N.A.	40.70
40-70	1086.62	N.A.	43.30
60-80	532.68	N.A.	21.20
70-80	240.00	N.A.	9.60
80-90	235.72	N.A.	9.40
90-110	53.96	N.A.	2.20
90-120	53.96	N.A.	2.20
90-130	53.96	N.A.	2.20
90-150	53.96	N.A.	2.20
90-180	53.96	N.A.	2.20
110-180	0.00	N.A.	0.00
0-180	2507.3	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	55.82
10-20	161.61
20-30	347.79
30-40	325.79
40-50	347.27
50-60	446.67
60-70	292.68
70-80	240.00
80-90	235.72
90-100	53.72
100-110	0.24
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

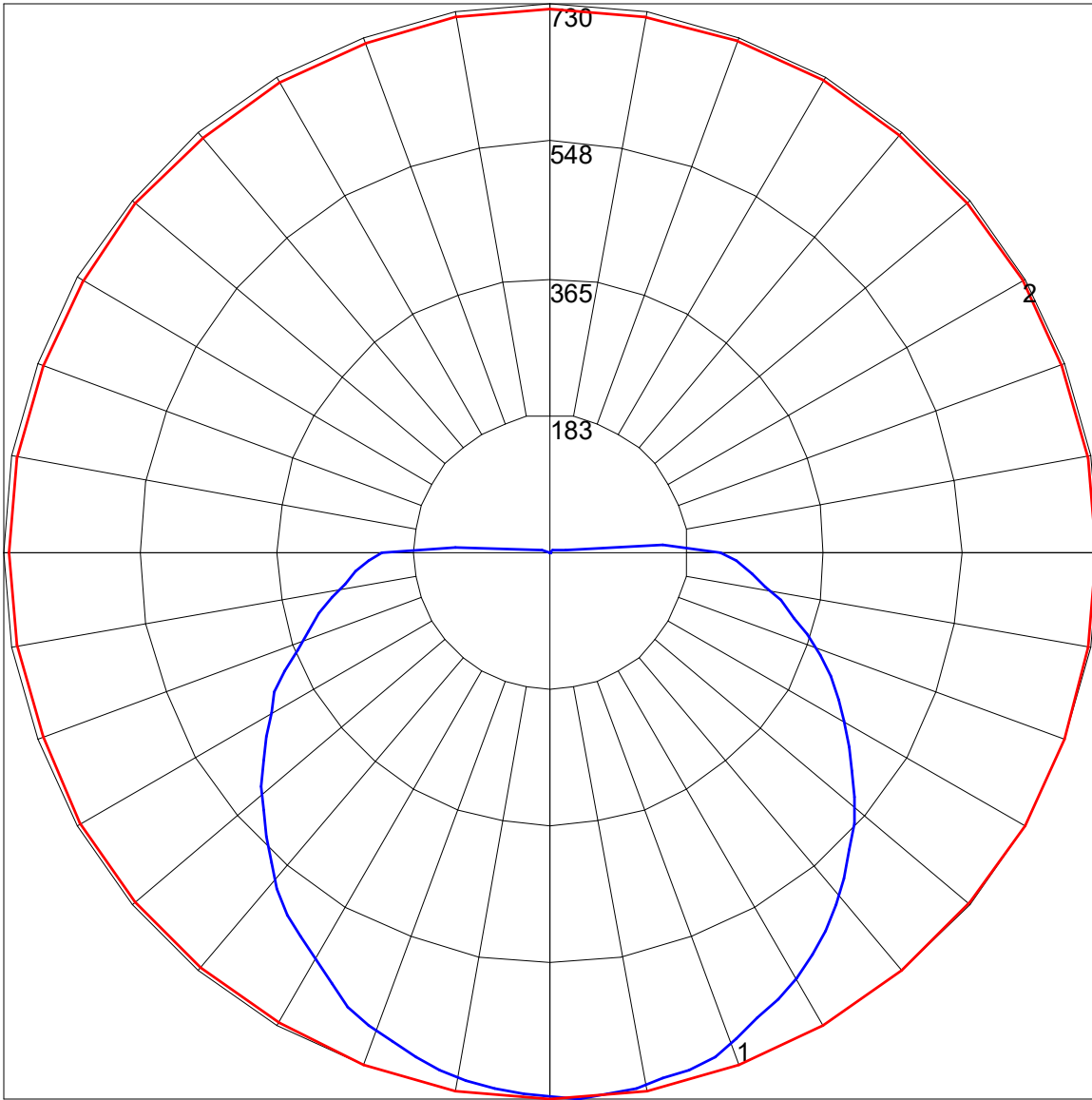
IES INDOOR REPORT
PHOTOMETRIC FILENAME : 10T548LED24DMVXXFR40.IES

COEFFICIENTS OF UTILIZATION - ZONAL CAVITY METHOD

Effective Floor Cavity Reflectance 0.20

RC RW	80				70				50			30			10			0
	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	110	110	110	105	105	105	100	100	100	98
1	105	98	93	88	102	96	91	86	91	87	83	87	83	80	83	80	77	75
2	94	84	76	69	91	82	75	68	78	72	66	74	69	64	71	66	63	60
3	85	73	64	56	82	71	63	56	68	61	54	65	58	53	62	56	52	49
4	78	64	55	47	75	63	54	47	60	52	46	57	50	45	55	49	44	41
5	71	57	47	40	69	56	47	40	53	45	39	51	44	38	49	43	38	35
6	66	51	42	35	63	50	41	34	48	40	34	46	39	33	44	38	33	31
7	61	46	37	30	59	45	36	30	43	35	30	42	35	29	40	34	29	27
8	56	42	33	27	55	41	33	27	40	32	26	38	31	26	37	30	26	24
9	53	38	30	24	51	38	29	24	36	29	24	35	28	23	34	28	23	21
10	49	35	27	22	48	35	27	21	34	26	21	32	26	21	31	25	21	19

POLAR GRAPH



Maximum Candela = 730.1 Located At Horizontal Angle = 290, Vertical Angle = 3
1 - Vertical Plane Through Horizontal Angles (290 - 110) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (3) (Through Max. Cd.)