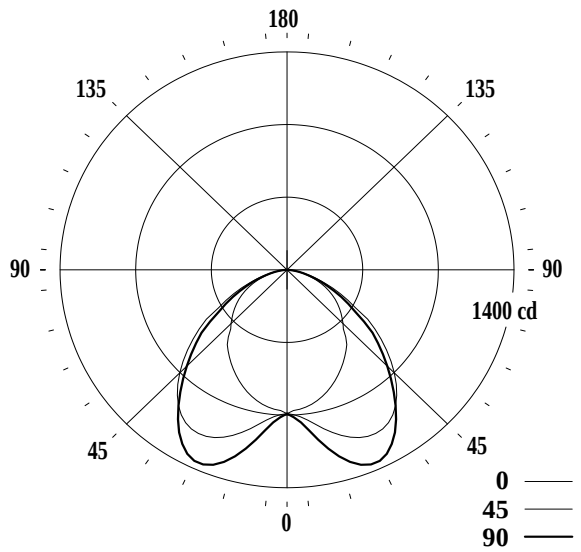
LEDALITE - TRUGROOVE RECESSED MICRO

TEST DATE:	13 Dec 2017	**CATALOG NO:**	**23x1LAEQxx04**
Lamp Type:	LED	**Description:**	SYMMETRIC 3100LM 840
No. of Lamps:	1		
Rated Lamp Lumens:	-1	**Flux (lm), Efficiency (%):**	3176 lm 100.0%
Input Watts:	120 VAC 31.3	**Up/Dn Ratio, Efficacy (lm/W):**	0% Up / 100% Dn 101.5
CIE-IES Classification:	Direct	**Report (Ele, Col, Photo):**	TGMR17 F38889Color F38889

CANDELA DISTRIBUTION

	0	22.5	45	67.5	90	Flux Lumens
0	924	924	924	924	924	
5	899	920	948	976	984	92
15	842	922	1082	1207	1240	302
25	745	905	1180	1330	1354	513
35	634	835	1138	1192	1173	634
45	488	705	936	905	875	622
55	380	492	661	619	580	503
65	259	308	362	335	322	322
75	126	139	153	144	139	153
85	27	28	31	31	30	36
90	0	0	0	0	0	
95	0	0	0	0	0	0
105	0	0	0	0	0	0
115	0	0	0	0	0	0
125	0	0	0	0	0	0
135	0	0	0	0	0	0
145	0	0	0	0	0	0
155	0	0	0	0	0	0
165	0	0	0	0	0	0
175	0	0	0	0	0	0
180	0	0	0	0	0	

POLAR CANDELA PLOT



CHARACTERISTICS

RP1				None
Direct: Peak Candela & Angle (0deg)			924.0	0.0
Direct: Peak Candela & Angle (90deg)			1354.0	25.0
Spacing Criteria (0deg, 90deg, 180deg)		1.12	1.68	N/A
Indirect: Peak Candela & Angle			N/A	N/A
Indirect: Zenith Candela, Peak to Zenith			N/A	N/A
Luminous Length, Width, Height (ft)		4.0000	0.1500	0.0000
UGR (4H x 8H, 0.25H)				N/A
Ballast Factor, Multiplication Factor			1.000	1.000
DesignLights Consortium				N/A
x, y, CCT ,Duv	0.3798	0.3782	4027	0.0009
CRI (Ra), R9			84	16
120V: P(W), I(A), THD(%), PF	31.3	0.261	7.3	0.996
277V: P(W), I(A), THD(%), PF	31.5	0.118	13.1	0.961
347V: P(W), I(A), THD(%), PF	31.1	0.086	9.1	0.961

COEFFICIENTS OF UTILIZATION (%)

Pc---	80				70			50			0
Pw---	70	50	30	10	70	50	30	50	30	10	0
RCR											
0	119	119	119	119	116	116	116	111	111	111	100
1	110	105	101	98	107	103	99	99	96	93	85
2	100	92	86	80	98	90	84	87	82	78	72
3	92	81	74	67	89	80	73	77	71	66	61
4	84	72	64	57	82	71	63	69	62	56	53
5	77	65	56	50	75	64	55	61	54	49	46
6	71	58	50	43	69	57	49	56	48	43	40
7	66	53	44	38	64	52	44	50	43	38	35
8	61	48	40	34	60	47	39	46	39	34	31
9	57	44	36	30	56	43	36	42	35	30	28
10	54	41	33	28	52	40	33	39	32	27	25

*Based on a floor reflectance of 0.2

ZONAL LUMEN SUMMARY

Zone	Lumens	%Fixture	%Lamp
0-30	907	28.6%	28.6%
0-40	1540	48.5%	48.5%
0-60	2665	83.9%	83.9%
0-90	3176	100.0%	100.0%
90-130	0	0.0%	0.0%
90-150	0	0.0%	0.0%
90-180	0	0.0%	0.0%
0-180	3176	100.0%	100.0%

AVG LUMINANCE (cd/m^2)

	0	45	90
0	16570	16570	16570
5	16184	17059	17714
15	15627	20085	23022
25	14747	23353	26792
35	13880	24903	25676
45	12379	23736	22186
55	11881	20654	18119
65	10986	15344	13642
75	8758	10587	9603
85	5556	6317	6235

LUMINAIRE SECTION

LEDALITE

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