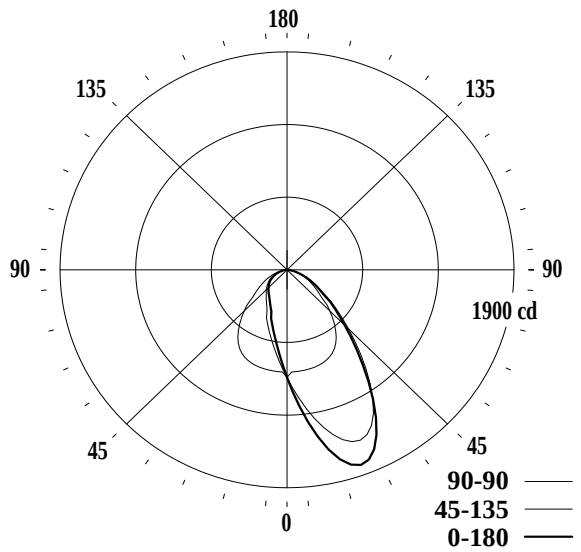
LEDALITE - TRUGROOVE RECESSED MICRO

TEST DATE:	08 Jan 2019	**CATALOG NO:**	**23x8LAGQxx04**
Lamp Type:	LED	**Description:**	ASYMMETRIC 2200LM 840
No. of Lamps:	1		
Rated Lamp Lumens:	-1	**Flux (lm), Efficiency (%):**	2189 lm 100.0%
Input Watts:	120 VAC 21.9	**Up/Dn Ratio, Efficacy (lm/W):**	0% Up / 100% Dn 100.0
CIE-IES Classification:	Direct	**Report (Ele, Col, Photo):**	TGMR19 F38889Color S38920-9

CANDELA DISTRIBUTION

	0	45	90	135	180	Flux Lumens
0	937	937	937	937	937	
5	1194	1121	891	790	737	92
15	1709	1487	880	566	486	286
25	1726	1584	840	396	332	439
35	1188	1214	718	303	265	459
45	683	727	507	244	219	372
55	372	401	303	193	174	264
65	210	212	183	134	120	172
75	89	88	85	69	59	85
85	17	16	18	18	16	21
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	Meets RP-1-12 recommendations for VDT-Normal spaces			
Direct: Peak Candela & Angle (0deg)			1809.6	20.0
Direct: Peak Candela & Angle (180deg)			937.3	0.0
Spacing Criteria (0deg, 90deg, 180deg)		1.60	1.25	0.49
Indirect: Peak Candela & Angle			N/A	N/A
Indirect: Zenith Candela, Peak to Zenith			N/A	N/A
Luminous Length, Width, Height (ft)		0.1500	4.0000	0.0000
UGR (4H x 8H, 0.25H)				N/A
Ballast Factor, Multiplication Factor			1.000	0.749
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	21.9	0.185	12.1	0.989
277V: P(W), I(A), THD(%), PF	22.2	0.086	17.0	0.932
347V: P(W), I(A), THD(%), PF	22.0	0.068	12.8	0.933

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	106	103	99	108	104	101	100	97	95	87
2	102	95	89	84	99	93	87	89	85	81	75
3	94	85	77	72	92	83	76	80	74	70	65
4	87	76	68	62	85	75	67	72	66	61	57
5	80	69	61	55	78	68	60	66	59	54	51
6	75	63	54	49	73	62	54	60	53	48	45
7	70	57	49	44	68	56	49	55	48	43	41
8	65	53	45	39	64	52	44	51	44	39	37
9	61	49	41	36	60	48	41	47	40	35	33
10	57	45	38	33	56	45	37	44	37	32	31

*Based on a floor reflectance of 0.2

ZONAL LUMEN SUMMARY

Zone	Lumens	%Fixture	%Lamp
0-30	817	37.3%	37.3%
0-40	1276	58.3%	58.3%
0-60	1912	87.3%	87.3%
0-90	2189	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	2189	100.0%	100.0%

AVG LUMINANCE (cd/m^2)

	0	90	180
0	16809	16809	16809
5	21484	16033	13268
15	31724	16332	9015
25	34144	16612	6577
35	26006	15709	5800
45	17320	12860	5560
55	11634	9461	5452
65	8912	7755	5069
75	6186	5916	4115
85	3575	3699	3252

LUMINAIRE SECTION

LEDALITE

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