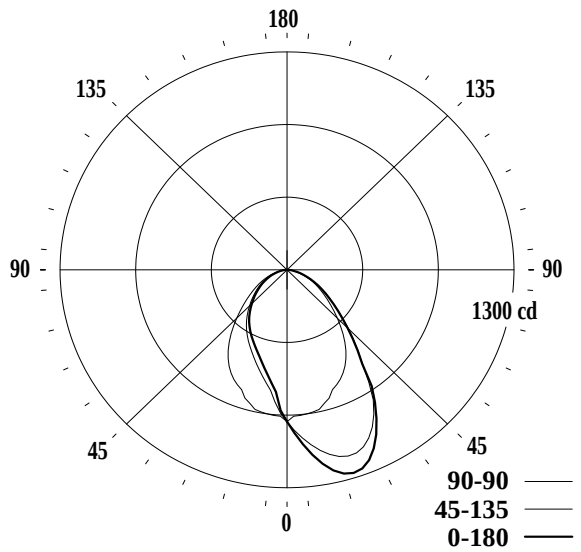
LEDALITE - TRUGROOVE LED

TEST DATE:	08 Jan 2019	**CATALOG NO:**	**39x8LAGQxx04**
Lamp Type:	LED	**Description:**	ASYMMETRIC 2200LM 840
No. of Lamps:	1		
Rated Lamp Lumens:	-1	**Flux (lm), Efficiency (%):**	1858 lm 100.0%
Input Watts:	120 VAC 20.4	**Up/Dn Ratio, Efficacy (lm/W):**	0% Up / 100% Dn 91.1
CIE-IES Classification:	Direct	**Report (Ele, Col, Photo):**	ET1282 F38547Color S38555-9

CANDELA DISTRIBUTION

	0	45	90	135	180	Flux Lumens
0	906	906	906	906	906	
5	1044	1006	872	791	731	85
15	1258	1153	824	616	565	247
25	1175	1107	721	503	463	362
35	846	815	588	406	379	375
45	490	497	408	304	285	309
55	297	296	260	215	201	229
65	171	168	158	139	128	152
75	78	74	75	71	64	78
85	20	18	19	21	18	22
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-Critical spaces			
Direct: Peak Candela & Angle (0deg)			1270.5	17.5
Direct: Peak Candela & Angle (180deg)			905.7	0.0
Spacing Criteria (0deg, 90deg, 180deg)		1.41	1.11	0.66
Indirect: Peak Candela & Angle			N/A	N/A
Indirect: Zenith Candela, Peak to Zenith			N/A	N/A
Luminous Length, Width, Height (ft)		0.2500	4.0000	0.0000
UGR (4H x 8H, 0.25H)				N/A
Ballast Factor, Multiplication Factor			1.000	1.447
DesignLights Consortium				N/A
x, y, CCT ,Duv	0.3836	0.3813	3948	0.0013
CRI (Ra), R9			84	14
120V: P(W), I(A), THD(%), PF	20.4	0.172	13.0	0.988
277V: P(W), I(A), THD(%), PF	20.8	0.081	17.6	0.924
347V: P(W), I(A), THD(%), PF	N/A	N/A	N/A	N/A

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	102	99	108	104	100	100	97	94	87
2	102	94	88	83	99	92	87	89	84	80	75
3	94	84	77	71	91	83	76	80	74	69	65
4	87	76	68	62	84	74	67	72	66	61	57
5	80	69	60	54	78	67	60	65	59	54	50
6	75	62	54	48	73	61	54	60	53	48	45
7	70	57	49	43	68	56	49	55	48	43	40
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	33	31

*Based on a floor reflectance of 0.2

ZONAL LUMEN SUMMARY

Zone	Lumens	%Fixture	%Lamp
0-30	694	37.3%	37.3%
0-40	1068	57.5%	57.5%
0-60	1606	86.4%	86.4%
0-90	1858	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	1858	100.0%	100.0%

AVG LUMINANCE (cd/m^2)

	0	90	180
0	9745	9745	9745
5	11272	9413	7894
15	14017	9181	6294
25	13951	8555	5497
35	11108	7721	4976
45	7462	6203	4342
55	5565	4870	3768
65	4351	4012	3260
75	3242	3116	2647
85	2519	2376	2269

LUMINAIRE SECTION

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