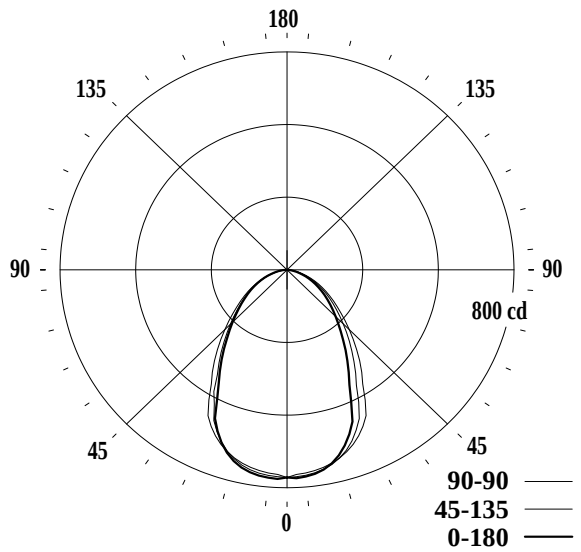
LEDALITE - TRUGROOVE PERIMETER

TEST DATE:	06 Oct 2016	**CATALOG NO:**	**49x8LCKQ**
Lamp Type:	LED	**Description:**	PERIMETER AMBIENT 1500LM 830
No. of Lamps:	1		
Rated Lamp Lumens:	-1	**Flux (lm), Efficiency (%):**	1382 lm 100.0%
Input Watts:	120 VAC 13.0	**Up/Dn Ratio, Efficacy (lm/W):**	0% Up / 100% Dn 106.3
CIE-IES Classification:	Direct	**Report (Ele, Col, Photo):**	ET1230 F37268Color F37268

CANDELA DISTRIBUTION

	0	45	90	135	180	Flux Lumens
0	762	762	762	762	762	
5	762	757	749	758	766	72
15	705	716	715	719	727	201
25	535	603	634	611	601	275
35	360	412	459	418	402	262
45	243	279	310	283	272	220
55	162	184	200	186	182	167
65	97	112	122	113	114	113
75	45	54	57	54	58	58
85	8	13	12	12	16	14
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)			765.9	2.5
Direct: Peak Candela & Angle (180deg)			768.4	2.5
Spacing Criteria (0deg, 90deg, 180deg)		0.96	1.11	1.03
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	0.2500	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	0.4279	0.3995	3120	0.0006
CRI (Ra), R9			85	15
120V: P(W), I(A), THD(%), PF	13.0	0.050	19.2	0.937
277V: P(W), I(A), THD(%), PF	12.7	0.107	12.4	0.990
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	103	99	108	104	101	100	97	95	87
2	102	95	89	84	99	93	87	89	85	81	75
3	94	85	78	72	92	83	77	80	75	70	66
4	87	76	69	63	85	75	68	73	66	61	58
5	81	69	61	55	79	68	61	66	60	54	51
6	75	63	55	49	74	62	55	61	54	49	46
7	70	58	50	44	69	57	50	56	49	44	42
8	66	54	46	40	64	53	45	52	45	40	38
9	62	50	42	37	61	49	42	48	41	37	35
10	58	46	39	34	57	46	39	45	38	34	32

*Based on a floor reflectance of 0.2

ZONAL LUMEN SUMMARY

Zone	Lumens	%Fixture	%Lamp
0-30	548	39.7%	39.7%
0-40	810	58.6%	58.6%
0-60	1197	86.6%	86.6%
0-90	1382	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	1382	100.0%	100.0%

AVG LUMINANCE (cd/m^2)

	0	90	180
0	8203	8203	8203
5	8227	8087	8270
15	7858	7967	8095
25	6349	7524	7139
35	4725	6031	5286
45	3692	4720	4131
55	3035	3754	3422
65	2472	3093	2913
75	1858	2366	2407
85	1037	1506	1914

LUMINAIRE SECTION

LEDALITE

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