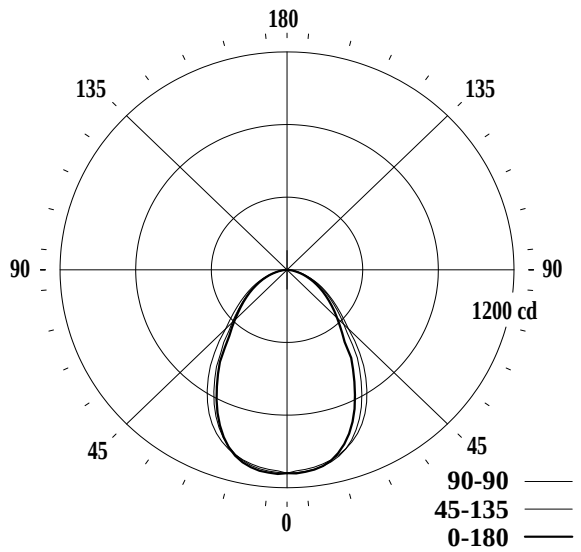
LEDALITE - TRUGROOVE PERIMETER

TEST DATE:	06 Oct 2016	**CATALOG NO:**	**49x8LCGQ**
Lamp Type:	LED	**Description:**	PERIMETER AMBIENT 2200LM 830
No. of Lamps:	1		
Rated Lamp Lumens:	-1	**Flux (lm), Efficiency (%):**	2076 lm 100.0%
Input Watts:	120 VAC 19.0	**Up/Dn Ratio, Efficacy (lm/W):**	0% Up / 100% Dn 109.3
CIE-IES Classification:	Direct	**Report (Ele, Col, Photo):**	ET1231 F37268Color F37273

CANDELA DISTRIBUTION

	0	45	90	135	180	Flux Lumens
0	1120	1120	1120	1120	1120	
5	1116	1114	1103	1113	1121	106
15	1045	1062	1055	1053	1059	297
25	845	905	937	890	870	411
35	592	669	726	650	619	411
45	374	425	459	410	391	329
55	251	281	296	269	262	248
65	153	172	180	163	162	167
75	73	83	85	76	79	86
85	16	21	18	15	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)			1121.9	2.5
Direct: Peak Candela & Angle (180deg)			1125.2	2.5
Spacing Criteria (0deg, 90deg, 180deg)		1.02	1.13	1.05
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	1.000
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	19.0	0.071	14.4	0.964
277V: P(W), I(A), THD(%), PF	18.9	0.158	8.9	0.995
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	73	62	55	61	54	49	46
7	70	58	50	44	69	57	50	56	49	44	42
8	66	53	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	38	45	38	34	32

*Based on a floor reflectance of 0.2

ZONAL LUMEN SUMMARY

Zone	Lumens	%Fixture	%Lamp
0-30	813	39.2%	39.2%
0-40	1225	59.0%	59.0%
0-60	1801	86.8%	86.8%
0-90	2076	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	2076	100.0%	100.0%

AVG LUMINANCE (cd/m^2)

	0	90	180
0	12046	12046	12046
5	12058	11917	12108
15	11642	11756	11801
25	10033	11126	10324
35	7775	9539	8130
45	5697	6983	5951
55	4707	5558	4911
65	3890	4588	4125
75	3027	3513	3297
85	2000	2272	2247

LUMINAIRE SECTION

LEDALITE

Ledalite
19750 - 92A Avenue
Langley, BC
CANADA V1M 3B2
Phone: 604-888-6811
Fax: 800-665-5332
604-888-2003