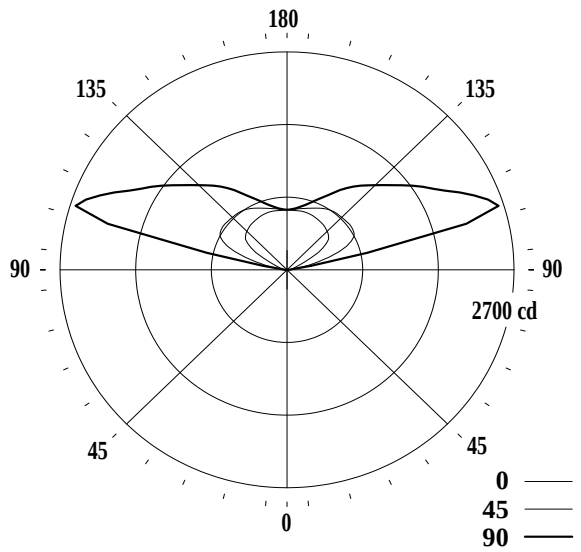
LEDALITE - TRUGROOVE SUSPENDED

TEST DATE:	05 Jun 2019	**CATALOG NO:**	**29x3LCCNQ**
Lamp Type:	LED	**Description:**	TRUGROOVE SUSPENDED INDIRECT SYM LED HI 830
No. of Lamps:	88		
Rated Lamp Lumens:	-1	**Flux (lm), Efficiency (%):**	4771 lm 100.0%
Input Watts:	120 VAC 35.7	**Up/Dn Ratio, Efficacy (lm/W):**	100% Up / 0% Dn 133.6
CIE-IES Classification:	Indirect	**Report (Ele, Col, Photo):**	TGSEI-10 T20190608 S07529-4

CANDELA DISTRIBUTION

	0	22.5	45	67.5	90	Flux Lumens
0	0	0	0	0	0	
5	0	0	0	0	0	0
15	0	0	0	0	0	0
25	0	0	0	0	0	0
35	0	0	0	0	0	0
45	0	0	0	0	0	0
55	0	0	0	0	0	0
65	0	0	0	0	0	0
75	0	0	0	0	0	0
85	0	0	0	0	0	0
90	0	0	0	0	0	
95	23	24	33	36	42	47
105	79	94	384	1285	2209	678
115	232	285	844	1736	2269	1020
125	570	629	933	1521	1818	954
135	676	722	921	1315	1483	783
145	712	757	902	1146	1237	593
155	737	765	844	958	988	398
165	748	757	787	823	831	225
175	740	746	752	758	757	72
180	744	744	744	744	744	

POLAR CANDELA PLOT



CHARACTERISTICS

RP1	Meets RP-1-12 recommendations for VDT-Critical spaces			
Direct: Peak Candela & Angle (0deg)			N/A	N/A
Direct: Peak Candela & Angle (90deg)			N/A	N/A
Spacing Criteria (0deg, 90deg, 180deg)		N/A	N/A	N/A
Indirect: Peak Candela & Angle			2638.4	107.5
Indirect: Zenith Candela, Peak to Zenith			744.4	3.54
Luminous Length, Width, Height (ft)		0.00	0.00	0.00
UGR (4H x 8H, 0.25H)				N/A
Ballast Factor, Multiplication Factor			1.000	1.546
DLC (120/277), DLC (347)			N/A	N/A
x, y, CCT ,Duv	0.4309	0.4003	3073	-0.0007
CRI (Ra), R9			83	10
120V: P(W), I(A), THD(%), PF	35.7	0.299	6.3	0.996
277V: P(W), I(A), THD(%), PF	35.5	0.132	8.1	0.973
347V: P(W), I(A), THD(%), PF	34.9	0.103	6.7	0.976

COEFFICIENTS OF UTILIZATION (%)

Pc---	80				70			50			0
Pw---	70	50	30	10	70	50	30	50	30	10	0
RCR											
0	95	95	95	95	81	81	81	56	56	56	0
1	87	83	79	76	74	71	68	48	47	45	0
2	79	72	66	62	67	62	57	42	40	37	0
3	72	63	57	51	61	54	49	37	34	31	0
4	65	56	48	43	56	48	42	33	29	26	0
5	60	49	42	36	51	42	36	29	25	22	0
6	55	44	36	31	47	38	32	26	22	19	0
7	50	39	32	27	43	34	28	23	19	17	0
8	47	35	28	23	40	30	24	21	17	14	0
9	43	32	25	20	37	27	22	19	15	13	0
10	40	29	22	18	34	25	19	17	14	11	0

*Based on a floor reflectance of 0.2

ZONAL LUMEN SUMMARY

Zone	Lumens	%Fixture	%Lamp
0-30	0	0.0%	0.0%
0-40	0	0.0%	0.0%
0-60	0	0.0%	0.0%
0-90	0	0.0%	0.0%
90-130	2699	56.6%	56.6%
90-150	4075	85.4%	85.4%
90-180	4771	100.0%	100.0%
0-180	4771	100.0%	100.0%

AVG LUMINANCE (cd/m^2)

	0	45	90
0	0	0	0
5	0	0	0
15	0	0	0
25	0	0	0
35	0	0	0
45	0	0	0
55	0	0	0
65	0	0	0
75	0	0	0
85	0	0	0

LUMINAIRE SECTION

LEDALITE

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