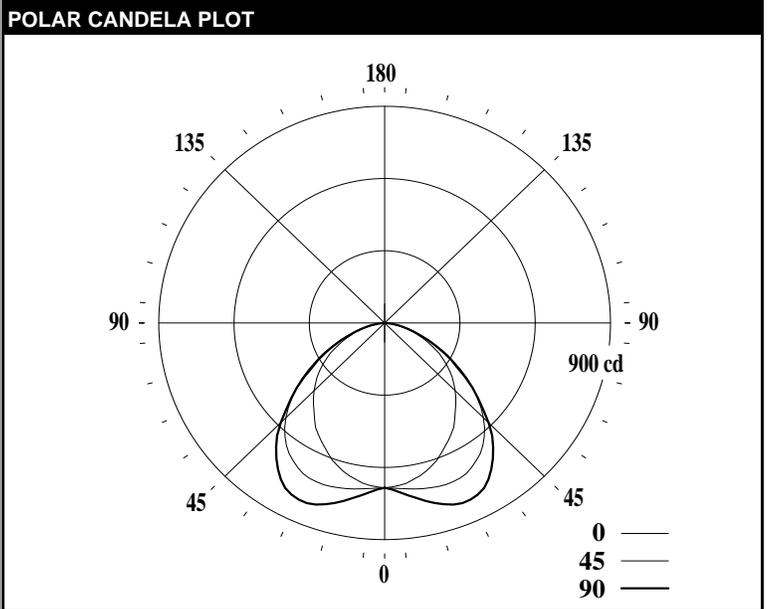


LEDALITE - TRUGROOVE SUSPENDED

TEST DATE:	05 Jun 2019	CATALOG NO:	29x1LCGQN
Lamp Type:	LED	Description:	TRUGROOVE SUSPEND/SURFACE DIRECT SYM MESO LED MID 830
No. of Lamps:	88		
Rated Lamp Lumens:	-1	Flux (lm), Efficiency (%):	2087 lm 100.0%
Input Watts:	120 VAC 19.4	Up/Dn Ratio, Efficacy (lm/W):	0% Up / 100% Dn 107.6
CIE-IES Classification:	Direct	Report (Ele, Col, Photo):	TGSEI-02 T20190608 S07571-4

CANDELA DISTRIBUTION						Flux
	0	22.5	45	67.5	90	Lumens
0	685	685	685	685	685	
5	677	682	690	696	706	66
15	637	661	708	752	774	200
25	568	617	711	787	810	323
35	487	547	664	739	742	400
45	398	457	556	599	586	404
55	301	343	402	415	392	336
65	191	216	234	243	225	224
75	90	101	102	106	98	108
85	20	22	19	23	17	25
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	



CHARACTERISTICS			
RP1	Meets RP-1-12 recommendations for VDT-Normal spaces		
Direct: Peak Candela & Angle (0deg)	684.5	0.0	
Direct: Peak Candela & Angle (90deg)	809.9	22.5	
Spacing Criteria (0deg, 90deg, 180deg)	1.16	1.57	N/A
Indirect: Peak Candela & Angle	N/A	N/A	
Indirect: Zenith Candela, Peak to Zenith	N/A	N/A	
Luminous Length, Width, Height (ft)	4.00	0.25	0.00
UGR (4H x 8H, 0.25H)	N/A		
Ballast Factor, Multiplication Factor	1.000	1.509	
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	19.4	0.163	8.3 0.992
277V: P(W), I(A), THD(%), PF	19.1	0.072	12.5 0.962
347V: P(W), I(A), THD(%), PF	19.7	0.059	10.3 0.967

COEFFICIENTS OF UTILIZATION (%)													
Pc---	80				70				50				0
Pw---	70	50	30	10	70	50	30	50	30	10	0	0	
RCR	0	119	119	119	119	116	116	116	111	111	111	100	
	1	109	105	101	97	107	103	99	98	95	93	85	
	2	100	92	85	80	97	90	84	87	82	77	72	
	3	91	81	73	67	89	79	72	77	70	65	61	
	4	84	72	63	57	81	71	63	68	61	56	52	
	5	77	64	56	49	75	63	55	61	54	48	45	
	6	71	58	49	43	69	57	49	55	48	42	39	
	7	66	52	44	38	64	52	43	50	43	37	35	
	8	61	48	39	34	60	47	39	46	39	33	31	
	9	57	44	36	30	56	43	35	42	35	30	28	
	10	54	40	33	27	52	40	32	39	32	27	25	

*Based on a floor reflectance of 0.2

ZONAL LUMEN SUMMARY			
Zone	Lumens	%Fixture	%Lamp
0-30	589	28.2%	28.2%
0-40	989	47.4%	47.4%
0-60	1730	82.9%	82.9%
0-90	2087	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	2087	100.0%	100.0%

AVG LUMINANCE (cd/m ²)			
	0	45	90
0	7365	7365	7365
5	7313	7455	7628
15	7098	7890	8625
25	6739	8442	9614
35	6392	8715	9740
45	6049	8466	8913
55	5646	7537	7359
65	4853	5949	5733
75	3740	4242	4053
85	2441	2348	2143

LUMINAIRE SECTION	



LEDALITE

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