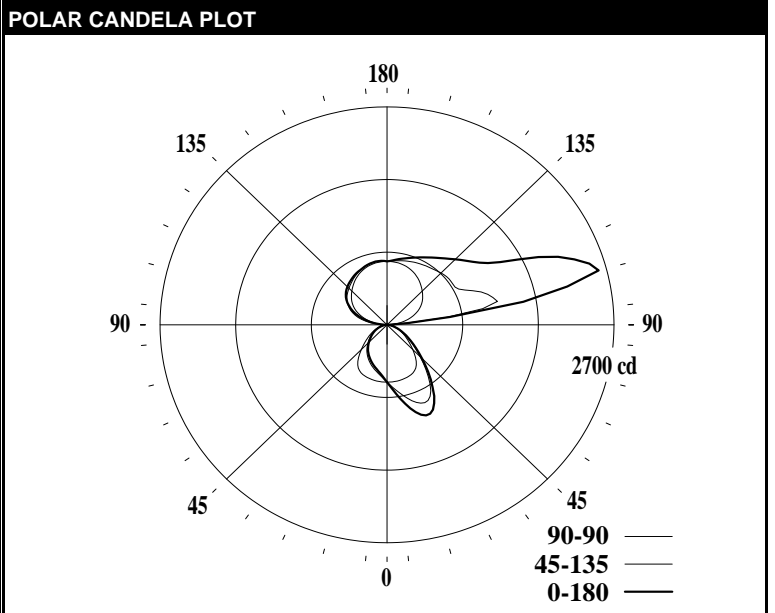


LEDALITE - TRUGROOVE SUSPENDED

TEST DATE:	05 Jun 2019	CATALOG NO:	29x5LCAWW
Lamp Type:	LED	Description:	TRUGROOVE SUSPEND/WALL INDIRECT/DIRECT ASY LED HI/XHI 830
No. of Lamps:	176		
Rated Lamp Lumens:	-1	Flux (lm), Efficiency (%):	6196 lm 100.0%
Input Watts:	120 VAC 52.1	Up/Dn Ratio, Efficacy (lm/W):	69% Up / 31% Dn 118.9
CIE-IES Classification:	Semi-Indirect	Report (Ele, Col, Photo):	TGSEI-24 T20190608 MLNG160

CANDELA DISTRIBUTION						Flux
	0	45	90	135	180	Lumens
0	710	710	710	710	710	
5	808	778	710	653	636	69
15	1071	943	701	572	545	214
25	1214	1064	679	499	471	352
35	944	891	607	416	395	401
45	587	557	432	321	305	340
55	346	330	280	233	223	253
65	191	187	172	152	146	169
75	87	84	80	77	75	86
85	16	15	16	17	19	20
90	0	0	0	0	0	
95	251	220	77	114	80	239
105	2607	1306	255	356	302	845
115	1988	1021	404	496	476	788
125	1343	932	512	584	597	674
135	1148	909	592	640	667	591
145	1014	871	667	697	715	487
155	922	846	728	750	751	366
165	853	820	767	785	786	226
175	802	794	785	794	796	76
180	786	786	786	786	786	



CHARACTERISTICS			
RP1	Meets RP-1-12 recommendations for VDT-Normal spaces		
Direct: Peak Candela & Angle (0deg)	1214.3	22.5	
Direct: Peak Candela & Angle (180deg)	709.8	0.0	
Spacing Criteria (0deg, 90deg, 180deg)	1.66	1.34	0.92
Indirect: Peak Candela & Angle	2606.6	105.0	
Indirect: Zenith Candela, Peak to Zenith	786.2	3.32	
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	1.000	
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	52.1	0.436	7.9 0.995
277V: P(W), I(A), THD(%), PF	52.1	0.195	12.6 0.964
347V: P(W), I(A), THD(%), PF	51.4	0.152	8.3 0.974

COEFFICIENTS OF UTILIZATION (%)													
Pc---	80				70				50				0
Pw---	70	50	30	10	70	50	30	50	30	10	0	0	
RCR	0	103	103	103	103	92	92	92	73	73	73	31	
	1	94	90	86	83	84	81	78	64	62	60	27	
	2	86	79	73	68	77	71	66	56	53	50	23	
	3	78	69	62	57	70	63	57	50	46	42	20	
	4	72	61	54	48	64	56	49	44	40	36	17	
	5	66	55	47	41	59	50	43	40	35	31	15	
	6	60	49	41	36	54	44	38	36	31	27	13	
	7	56	44	37	31	50	40	34	32	28	24	12	
	8	52	40	33	28	46	36	30	30	25	21	11	
	9	48	36	29	24	43	33	27	27	22	19	10	
	10	45	33	26	22	40	30	24	25	20	17	9	

*Based on a floor reflectance of 0.2

ZONAL LUMEN SUMMARY			
Zone	Lumens	%Fixture	%Lamp
0-30	636	10.3%	10.3%
0-40	1036	16.7%	16.7%
0-60	1629	26.3%	26.3%
0-90	1904	30.7%	30.7%
90-130	2547	41.1%	41.1%
90-150	3625	58.5%	58.5%
90-180	4292	69.3%	69.3%
0-180	6196	100.0%	100.0%

AVG LUMINANCE (cd/m ²)			
	0	90	180
0	7637	7637	7637
5	8728	7667	6870
15	11932	7810	6071
25	14417	8066	5594
35	12399	7975	5183
45	8931	6577	4641
55	6481	5260	4176
65	4858	4379	3717
75	3604	3305	3126
85	1963	1963	2321

LUMINAIRE SECTION	



LEDALITE

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