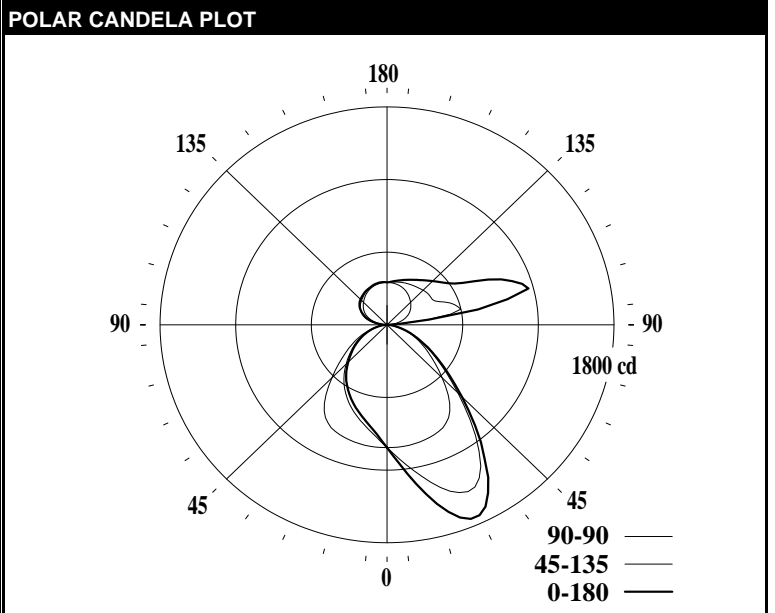


LEDALITE - TRUGROOVE SUSPENDED

TEST DATE:	05 Jun 2019	CATALOG NO:	29x6LCBWW
Lamp Type:	LED	Description:	TRUGROOVE SUSPEND/WALL DIRECT/INDIRECT ASY LED MID/STD 830
No. of Lamps:	176		
Rated Lamp Lumens:	-1	Flux (lm), Efficiency (%):	4632 lm 100.0%
Input Watts:	277 VAC 43.2	Up/Dn Ratio, Efficacy (lm/W):	41% Up / 59% Dn 107.2
CIE-IES Classification:	Direct-Indirect	Report (Ele, Col, Photo):	TGSEI-15 T20190608 MLNG141

CANDELA DISTRIBUTION						
	Flux					
	0	45	90	135	180	Lumens
0	1014	1014	1014	1014	1014	
5	1155	1111	1014	934	909	98
15	1531	1347	1002	818	779	306
25	1735	1520	971	713	673	504
35	1349	1272	868	595	564	572
45	839	795	618	459	436	486
55	494	471	401	333	318	362
65	273	267	246	217	209	241
75	124	120	114	110	107	123
85	23	21	23	25	27	29
90	0	0	0	0	0	
95	112	98	34	51	36	106
105	1161	581	114	159	135	376
115	886	455	180	221	212	351
125	598	415	228	260	266	300
135	511	405	264	285	297	263
145	452	388	297	311	318	217
155	411	377	324	334	335	163
165	380	365	342	350	350	101
175	357	353	350	353	355	34
180	350	350	350	350	350	



CHARACTERISTICS			
RP1	Meets RP-1-12 recommendations for VDT-Normal spaces		
Direct: Peak Candela & Angle (0deg)	1735.2	22.5	
Direct: Peak Candela & Angle (180deg)	1014.2	0.0	
Spacing Criteria (0deg, 90deg, 180deg)	1.66	1.34	0.92
Indirect: Peak Candela & Angle	1160.9	105.0	
Indirect: Zenith Candela, Peak to Zenith	350.2	3.31	
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	43.0	0.361	9.0 0.994
277V: P(W), I(A), THD(%), PF	43.2	0.163	11.0 0.958
347V: P(W), I(A), THD(%), PF	43.1	0.130	9.6 0.955

COEFFICIENTS OF UTILIZATION (%)														
Pc---	80				70				50				0	
Pw---	70	50	30	10	70	50	30	50	30	10	50	30	10	0
RCR	0	109	109	109	109	102	102	102	88	88	88	59		
	1	100	96	92	89	94	90	87	78	76	74	51		
	2	92	85	79	74	85	79	74	69	65	62	43		
	3	84	75	68	62	78	70	64	62	57	53	37		
	4	77	67	59	53	72	63	56	55	50	45	32		
	5	71	60	52	46	66	56	49	50	44	39	28		
	6	66	54	46	40	61	51	43	45	39	35	25		
	7	61	49	41	35	57	46	39	41	35	31	22		
	8	57	44	37	31	53	42	35	37	32	27	20		
	9	53	41	33	28	49	38	32	34	29	25	18		
	10	49	37	30	25	46	35	29	32	26	22	17		

*Based on a floor reflectance of 0.2

ZONAL LUMEN SUMMARY			
Zone	Lumens	%Fixture	%Lamp
0-30	908	19.6%	19.6%
0-40	1481	32.0%	32.0%
0-60	2328	50.3%	50.3%
0-90	2721	58.7%	58.7%
90-130	1134	24.5%	24.5%
90-150	1614	34.9%	34.9%
90-180	1912	41.3%	41.3%
0-180	4632	100.0%	100.0%

AVG LUMINANCE (cd/m ²)			
	0	90	180
0	10913	10913	10913
5	12472	10954	9817
15	17051	11160	8675
25	20601	11527	7995
35	17719	11396	7407
45	12762	9398	6633
55	9262	7517	5967
65	6943	6258	5311
75	5151	4723	4465
85	2802	2802	3321

LUMINAIRE SECTION	



LEDALITE

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