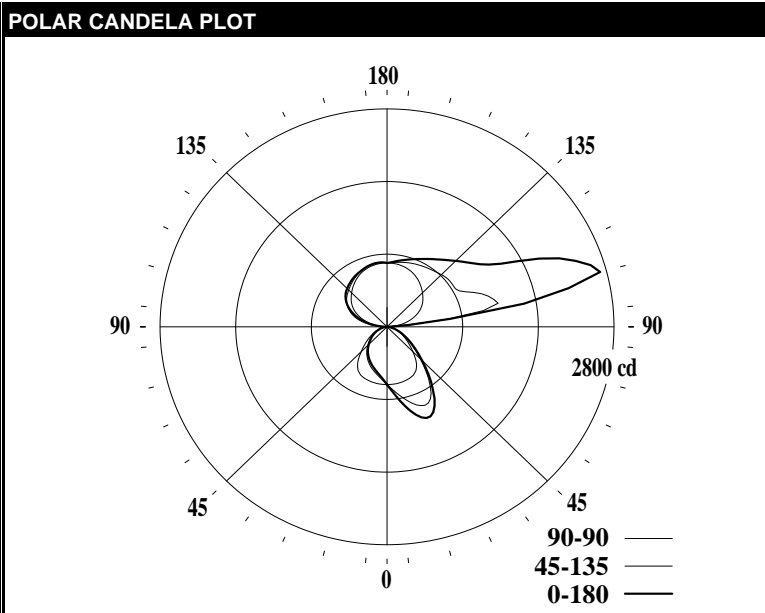


LEDALITE - TRUGROOVE SUSPENDED

TEST DATE:	05 Jun 2019	CATALOG NO:	29x5LAAWW
Lamp Type:	LED	Description:	TRUGROOVE SUSPEND/WALL INDIRECT/DIRECT ASY LED HI/XHI 840
No. of Lamps:	176		
Rated Lamp Lumens:	-1	Flux (lm), Efficiency (%):	6470 lm 100.0%
Input Watts:	120 VAC 52.1	Up/Dn Ratio, Efficacy (lm/W):	69% Up / 31% Dn 124.2
CIE-IES Classification:	Semi-Indirect	Report (Ele, Col, Photo):	TGSEI-24 T20190611 MLNG162

CANDELA DISTRIBUTION						Flux
	0	45	90	135	180	Lumens
0	741	741	741	741	741	
5	844	812	741	682	664	72
15	1119	984	732	598	569	224
25	1268	1111	710	521	492	368
35	986	930	634	435	412	418
45	613	581	451	335	319	355
55	361	344	293	243	233	264
65	199	195	180	159	153	176
75	91	88	83	80	79	90
85	17	15	17	18	20	21
90	0	0	0	0	0	
95	262	230	81	119	84	250
105	2722	1363	267	372	315	882
115	2076	1066	422	518	497	823
125	1403	973	535	609	623	704
135	1199	949	618	669	696	617
145	1059	909	696	728	746	509
155	963	883	760	783	784	382
165	891	856	801	819	821	236
175	838	829	819	829	832	79
180	821	821	821	821	821	



CHARACTERISTICS			
RP1	Meets RP-1-12 recommendations for VDT-Normal spaces		
Direct: Peak Candela & Angle (0deg)	1268.2	22.5	
Direct: Peak Candela & Angle (180deg)	741.3	0.0	
Spacing Criteria (0deg, 90deg, 180deg)	1.66	1.34	0.92
Indirect: Peak Candela & Angle	2721.7	105.0	
Indirect: Zenith Candela, Peak to Zenith	820.9	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	0.3772	0.3752	4078 0.0002
CRI (Ra), R9	81		6
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	664	10.3%	10.3%
0-40	1082	16.7%	16.7%
0-60	1701	26.3%	26.3%
0-90	1988	30.7%	30.7%
90-130	2659	41.1%	41.1%
90-150	3785	58.5%	58.5%
90-180	4482	69.3%	69.3%
0-180	6470	100.0%	100.0%

AVG LUMINANCE (cd/m ²)			
	0	90	180
0	7976	7976	7976
5	9115	8007	7175
15	12462	8156	6341
25	15057	8425	5844
35	12950	8329	5414
45	9326	6869	4848
55	6768	5495	4362
65	5074	4575	3883
75	3767	3451	3264
85	2049	2049	2420

LUMINAIRE SECTION	



LEDALITE

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