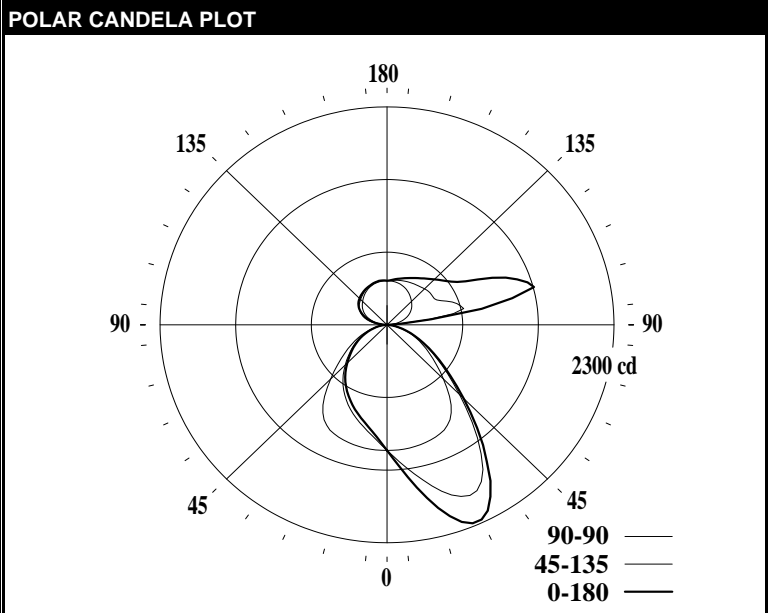


# LEDALITE - TRUGROOVE SUSPENDED

<b>TEST DATE:</b>	05 Jun 2019	<b>CATALOG NO:</b>	29x6LCAWW
<b>Lamp Type:</b>	LED	<b>Description:</b>	TRUGROOVE SUSPEND/WALL DIRECT/INDIRECT ASY LED XHI/HI 830
<b>No. of Lamps:</b>	176		
<b>Rated Lamp Lumens:</b>	-1	<b>Flux (lm), Efficiency (%):</b>	6094 lm 100.0%
<b>Input Watts:</b>	120 VAC 57.8	<b>Up/Dn Ratio, Efficacy (lm/W):</b>	42% Up / 58% Dn 105.4
<b>CIE-IES Classification:</b>	Direct-Indirect	<b>Report (Ele, Col, Photo):</b>	TGSEI-16 T20190608 MLNG144

CANDELA DISTRIBUTION						
	Flux					
	0	45	90	135	180	Lumens
0	1325	1325	1325	1325	1325	
5	1509	1452	1325	1220	1188	129
15	2000	1760	1309	1069	1018	400
25	2267	1987	1269	931	880	658
35	1763	1663	1134	777	737	748
45	1096	1039	807	599	570	635
55	645	616	524	435	416	472
65	356	348	321	283	273	315
75	162	157	149	143	140	160
85	30	27	30	32	35	38
90	0	0	0	0	0	
95	148	130	46	67	48	141
105	1542	772	151	211	179	500
115	1176	604	239	293	281	466
125	795	551	303	345	353	399
135	679	538	350	379	394	350
145	600	515	394	413	423	288
155	545	501	431	444	444	216
165	505	485	454	464	465	134
175	475	469	464	469	471	45
180	465	465	465	465	465	



CHARACTERISTICS			
RP1			None
Direct: Peak Candela & Angle (0deg)	2267.4	22.5	
Direct: Peak Candela & Angle (180deg)	1325.4	0.0	
Spacing Criteria (0deg, 90deg, 180deg)	1.66	1.34	0.92
Indirect: Peak Candela & Angle	1542.0	105.0	
Indirect: Zenith Candela, Peak to Zenith	465.1	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	57.8	0.483	6.2 0.997
277V: P(W), I(A), THD(%), PF	57.4	0.213	8.8 0.973
347V: P(W), I(A), THD(%), PF	57.6	0.171	8.2 0.971

COEFFICIENTS OF UTILIZATION (%)													
Pc---	80				70				50				0
Pw---	70	50	30	10	70	50	30	50	30	10	0	0	
RCR	0	109	109	109	109	102	102	102	88	88	88	58	
	1	100	96	92	89	93	90	87	78	76	74	50	
	2	92	85	79	74	85	79	74	69	65	62	43	
	3	84	75	68	62	78	70	64	61	57	53	37	
	4	77	67	59	53	72	63	56	55	50	45	32	
	5	71	60	52	46	66	56	49	49	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	56	44	37	31	53	42	35	37	31	27	20	
	9	53	40	33	28	49	38	32	34	29	25	18	
	10	49	37	30	25	46	35	29	31	26	22	16	

\*Based on a floor reflectance of 0.2

ZONAL LUMEN SUMMARY			
Zone	Lumens	%Fixture	%Lamp
0-30	1187	19.5%	19.5%
0-40	1935	31.7%	31.7%
0-60	3042	49.9%	49.9%
0-90	3555	58.3%	58.3%
90-130	1507	24.7%	24.7%
90-150	2144	35.2%	35.2%
90-180	2539	41.7%	41.7%
0-180	6094	100.0%	100.0%

AVG LUMINANCE (cd/m <sup>2</sup> )			
	0	90	180
0	14261	14261	14261
5	16298	14316	12828
15	22281	14584	11337
25	26919	15062	10448
35	23154	14892	9680
45	16676	12282	8668
55	12102	9824	7798
65	9072	8178	6940
75	6735	6174	5837
85	3667	3667	4333

LUMINAIRE SECTION	



**LEDALITE**

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