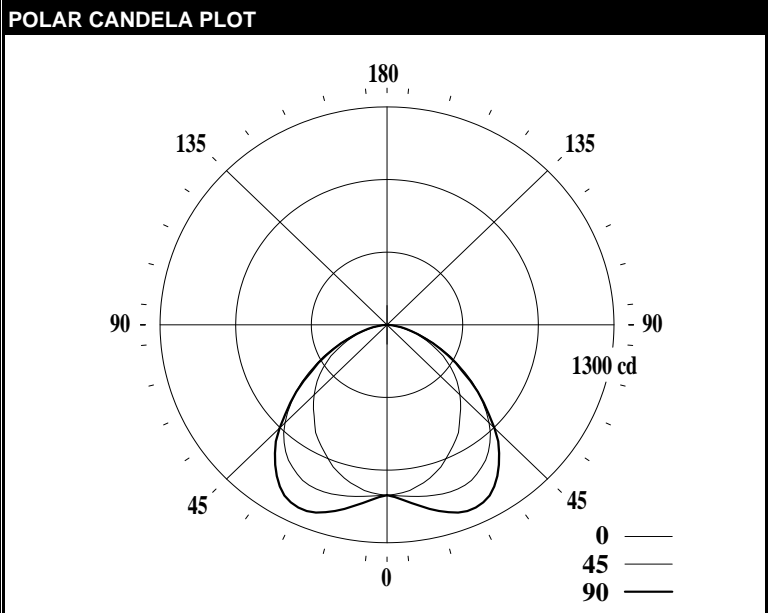


LEDALITE - TRUGROOVE SUSPENDED

TEST DATE:	05 Jun 2019	CATALOG NO:	29x1LAEQN
Lamp Type:	LED	Description:	TRUGROOVE SUSPEND/SURFACE DIRECT SYM MESO LED HI 840
No. of Lamps:	88		
Rated Lamp Lumens:	-1	Flux (lm), Efficiency (%):	3099 lm 100.0%
Input Watts:	277 VAC 28.3	Up/Dn Ratio, Efficacy (lm/W):	0% Up / 100% Dn 109.5
CIE-IES Classification:	Direct	Report (Ele, Col, Photo):	TGSEI-03 T20190611 S07571-9

CANDELA DISTRIBUTION						Flux
	0	22.5	45	67.5	90	Lumens
0	1016	1016	1016	1016	1016	
5	1005	1012	1025	1034	1049	98
15	946	981	1052	1116	1150	297
25	843	916	1056	1168	1202	479
35	723	812	985	1097	1101	594
45	590	678	826	889	870	600
55	447	510	597	617	583	499
65	283	321	347	361	334	332
75	134	150	152	158	145	161
85	29	33	28	34	26	37
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			None
Direct: Peak Candela & Angle (0deg)	1016.4	0.0	
Direct: Peak Candela & Angle (90deg)	1202.6	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	2.241	
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	28.1	0.236	9.1 0.990
277V: P(W), I(A), THD(%), PF	28.3	0.106	10.3 0.960
347V: P(W), I(A), THD(%), PF	28.0	0.084	8.1 0.966

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	875	28.2%	28.2%
0-40	1469	47.4%	47.4%
0-60	2569	82.9%	82.9%
0-90	3099	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	3099	100.0%	100.0%

AVG LUMINANCE (cd/m ²)			
	0	45	90
0	10936	10936	10936
5	10859	11070	11327
15	10541	11717	12808
25	10007	12535	14275
35	9491	12942	14464
45	8983	12571	13236
55	8384	11192	10927
65	7207	8833	8514
75	5553	6299	6019
85	3625	3486	3182

LUMINAIRE SECTION	



LEDALITE

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