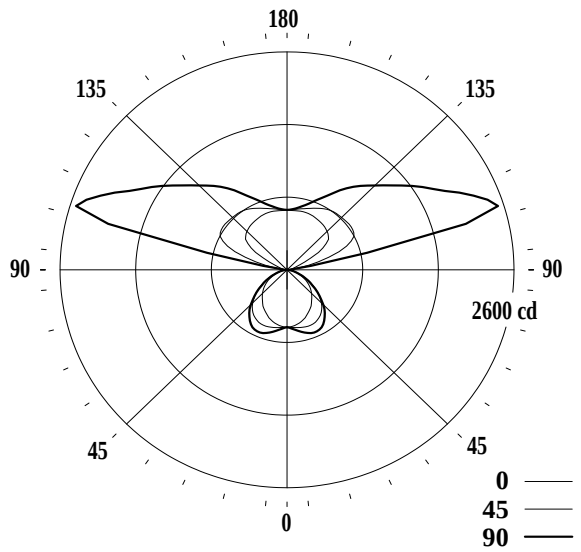
LEDALITE - TRUGROOVE SUSPENDED

TEST DATE:	05 Jun 2019	**CATALOG NO:**	**29x5LCAQQ**
Lamp Type:	LED	**Description:**	TRUGROOVE SUSPENDED INDIRECT/DIRECT SYM MESO LED HI/XHI 830
No. of Lamps:	176		
Rated Lamp Lumens:	-1	**Flux (lm), Efficiency (%):**	6669 lm 100.0%
Input Watts:	120 VAC 52.1	**Up/Dn Ratio, Efficacy (lm/W):**	69% Up / 31% Dn 128.0
CIE-IES Classification:	Semi-Indirect	**Report (Ele, Col, Photo):**	TGSEI-24 T20190608 MLNG112

CANDELA DISTRIBUTION

	0	22.5	45	67.5	90	Flux Lumens
0	685	685	685	685	685	
5	677	682	690	697	706	66
15	637	661	708	752	774	200
25	568	617	711	787	810	323
35	487	547	664	739	742	400
45	398	457	556	599	586	404
55	301	343	402	415	392	336
65	191	216	234	243	225	224
75	90	101	102	106	98	108
85	20	22	19	23	17	25
90	0	0	0	0	0	
95	22	23	32	34	40	46
105	76	91	369	1234	2121	651
115	223	273	810	1667	2178	979
125	547	604	896	1461	1746	916
135	649	693	884	1262	1424	752
145	684	727	866	1100	1188	570
155	708	735	810	920	949	383
165	718	727	756	790	798	216
175	711	717	722	728	726	69
180	715	715	715	715	715	

POLAR CANDELA PLOT



CHARACTERISTICS

RP1	Meets RP-1-12 recommendations for VDT-Normal spaces			
Direct: Peak Candela & Angle (0deg)			684.5	0.0
Direct: Peak Candela & Angle (90deg)			810.0	22.5
Spacing Criteria (0deg, 90deg, 180deg)		1.16	1.57	N/A
Indirect: Peak Candela & Angle			2533.6	107.5
Indirect: Zenith Candela, Peak to Zenith			714.9	3.54
Luminous Length, Width, Height (ft)		0.25	4.00	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
RCR											
0	103	103	103	103	92	92	92	73	73	73	31
1	94	90	86	82	84	81	78	64	62	60	27
2	85	78	72	67	77	71	66	56	53	50	22
3	78	69	62	56	70	62	56	49	45	42	19
4	71	61	53	47	64	55	48	44	39	35	16
5	65	54	46	40	58	49	42	39	34	30	14
6	60	48	40	35	54	44	37	35	30	26	12
7	55	43	36	30	50	39	33	32	27	23	11
8	51	39	32	27	46	36	29	29	24	20	10
9	47	36	28	23	43	32	26	26	21	18	9
10	44	33	26	21	40	30	23	24	19	16	8

*Based on a floor reflectance of 0.2

ZONAL LUMEN SUMMARY

Zone	Lumens	%Fixture	%Lamp
0-30	589	8.8%	8.8%
0-40	989	14.8%	14.8%
0-60	1730	25.9%	25.9%
0-90	2087	31.3%	31.3%
90-130	2592	38.9%	38.9%
90-150	3914	58.7%	58.7%
90-180	4582	68.7%	68.7%
0-180	6669	100.0%	100.0%

AVG LUMINANCE (cd/m^2)

	0	45	90
0	7365	7365	7365
5	7313	7456	7629
15	7099	7891	8626
25	6740	8442	9614
35	6392	8717	9741
45	6050	8467	8914
55	5647	7538	7359
65	4853	5950	5734
75	3742	4240	4053
85	2444	2346	2148

LUMINAIRE SECTION

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