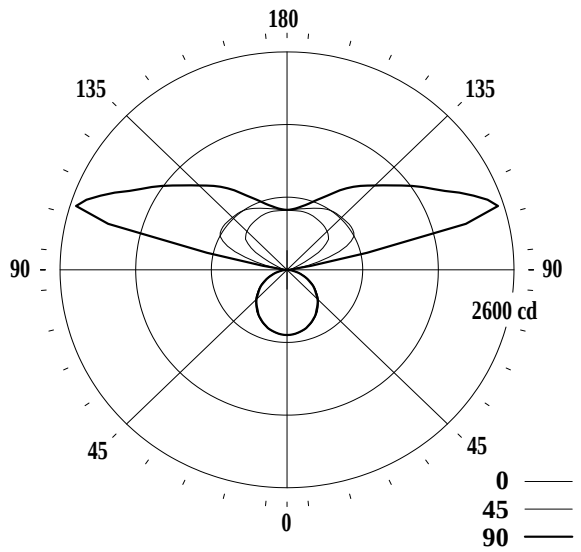
LEDALITE - TRUGROOVE SUSPENDED

TEST DATE:	05 Jun 2019	**CATALOG NO:**	**29x5LCALQ**
Lamp Type:	LED	**Description:**	TRUGROOVE SUSPENDED INDIRECT/DIRECT SYM SILK LED HI/XHI 830
No. of Lamps:	176		
Rated Lamp Lumens:	-1	**Flux (lm), Efficiency (%):**	6735 lm 100.0%
Input Watts:	120 VAC 52.1	**Up/Dn Ratio, Efficacy (lm/W):**	68% Up / 32% Dn 129.3
CIE-IES Classification:	Semi-Indirect	**Report (Ele, Col, Photo):**	TGSEI-24 T20190608 MLNG128

CANDELA DISTRIBUTION

	0	22.5	45	67.5	90	Flux Lumens
0	777	777	777	777	777	
5	772	774	773	774	773	73
15	742	745	741	742	740	209
25	683	687	681	681	677	315
35	605	607	599	601	589	376
45	505	510	500	501	495	387
55	391	396	385	390	380	348
65	268	270	259	265	258	262
75	135	149	133	139	136	147
85	28	34	27	33	30	37
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)			777.4	0.0
Direct: Peak Candela & Angle (90deg)			777.4	0.0
Spacing Criteria (0deg, 90deg, 180deg)		1.24	1.22	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	93	93	93	73	73	73	32
1	94	89	86	82	84	81	77	64	62	60	27
2	85	78	72	67	76	70	65	56	52	49	22
3	78	68	61	56	70	62	56	49	45	41	19
4	71	60	53	47	63	55	48	44	39	35	16
5	65	54	46	40	58	49	42	39	34	30	14
6	60	48	40	34	53	43	37	35	30	26	12
7	55	43	35	30	49	39	32	32	27	23	11
8	51	39	31	26	46	35	29	29	24	20	10
9	47	35	28	23	43	32	26	26	21	18	9
10	44	32	25	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	597	8.9%	8.9%
0-40	973	14.4%	14.4%
0-60	1708	25.4%	25.4%
0-90	2153	32.0%	32.0%
90-130	2592	38.5%	38.5%
90-150	3914	58.1%	58.1%
90-180	4582	68.0%	68.0%
0-180	6735	100.0%	100.0%

AVG LUMINANCE (cd/m^2)

	0	45	90
0	8365	8365	8365
5	8335	8349	8350
15	8266	8252	8241
25	8114	8079	8039
35	7950	7872	7730
45	7688	7604	7535
55	7335	7224	7130
65	6811	6584	6564
75	5600	5517	5637
85	3469	3358	3654

LUMINAIRE SECTION

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