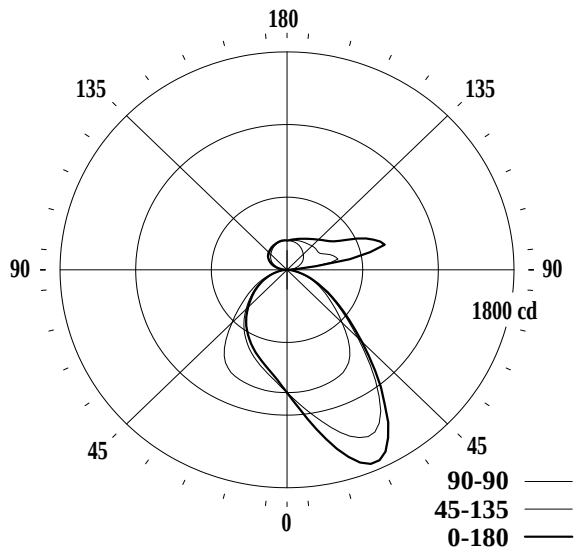
LEDALITE - TRUGROOVE SUSPENDED

TEST DATE:	05 Jun 2019	**CATALOG NO:**	**29x6LCCWW**
Lamp Type:	LED	**Description:**	TRUGROOVE SUSPEND/WALL DIRECT/INDIRECT ASY LED HI/STD 830
No. of Lamps:	176		
Rated Lamp Lumens:	-1	**Flux (lm), Efficiency (%):**	4040 lm 100.0%
Input Watts:	277 VAC 39.0	**Up/Dn Ratio, Efficacy (lm/W):**	33% Up / 67% Dn 103.6
CIE-IES Classification:	Semi-Direct	**Report (Ele, Col, Photo):**	TGSEI-14 T20190608 MLNG138

CANDELA DISTRIBUTION

	0	45	90	135	180	Flux Lumens
0	1014	1014	1014	1014	1014	
5	1155	1111	1014	934	909	98
15	1531	1347	1002	818	779	306
25	1735	1520	971	713	673	504
35	1349	1272	868	595	564	572
45	839	795	618	459	436	486
55	494	471	401	333	318	362
65	273	267	246	217	209	241
75	124	120	114	110	107	123
85	23	21	23	25	27	29
90	0	0	0	0	0	
95	77	68	24	35	25	74
105	802	401	79	109	93	260
115	611	314	124	153	146	242
125	413	287	157	179	184	207
135	353	279	182	197	205	182
145	312	268	205	214	220	150
155	284	260	224	231	231	112
165	262	252	236	241	242	70
175	247	244	241	244	245	23
180	242	242	242	242	242	

POLAR CANDELA PLOT



CHARACTERISTICS

RP1	Meets RP-1-12 recommendations for VDT-Normal spaces			
Direct: Peak Candela & Angle (0deg)			1735.2	22.5
Direct: Peak Candela & Angle (180deg)			1014.2	0.0
Spacing Criteria (0deg, 90deg, 180deg)		1.66	1.34	0.92
Indirect: Peak Candela & Angle			801.6	105.0
Indirect: Zenith Candela, Peak to Zenith			241.8	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	38.6	0.324	10.3	0.993
277V: P(W), I(A), THD(%), PF	39.0	0.149	15.5	0.943
347V: P(W), I(A), THD(%), PF	38.5	0.116	9.2	0.957

COEFFICIENTS OF UTILIZATION (%)

Pc---	80				70			50			0
Pw---	70	50	30	10	70	50	30	50	30	10	0
RCR											
0	111	111	111	111	105	105	105	93	93	93	67
1	102	98	94	91	96	93	89	83	80	78	58
2	94	86	81	75	88	82	77	73	69	66	50
3	86	77	69	64	81	73	66	65	60	56	43
4	79	68	60	54	74	65	58	58	53	48	37
5	73	61	53	47	68	58	51	52	47	42	33
6	67	55	47	41	63	53	45	48	41	37	29
7	62	50	42	36	59	48	40	43	37	33	26
8	58	46	38	33	55	44	36	40	34	29	23
9	54	42	34	29	51	40	33	36	31	26	21
10	51	38	31	26	48	37	30	34	28	24	19

*Based on a floor reflectance of 0.2

ZONAL LUMEN SUMMARY

Zone	Lumens	%Fixture	%Lamp
0-30	908	22.5%	22.5%
0-40	1481	36.6%	36.6%
0-60	2328	57.6%	57.6%
0-90	2721	67.3%	67.3%
90-130	783	19.4%	19.4%
90-150	1115	27.6%	27.6%
90-180	1320	32.7%	32.7%
0-180	4040	100.0%	100.0%

AVG LUMINANCE (cd/m^2)

	0	90	180
0	10913	10913	10913
5	12472	10954	9817
15	17051	11160	8675
25	20601	11527	7995
35	17719	11396	7407
45	12762	9398	6633
55	9262	7517	5967
65	6943	6258	5311
75	5151	4723	4465
85	2802	2802	3321

LUMINAIRE SECTION

LEDALITE

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