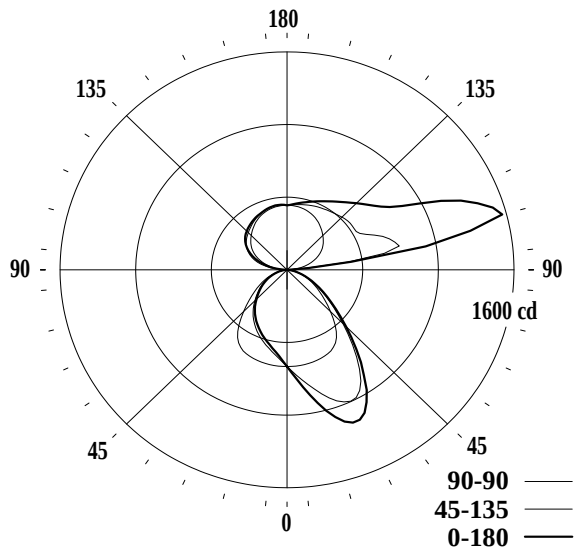
LEDALITE - TRUGROOVE SUSPENDED

TEST DATE:	05 Jun 2019	**CATALOG NO:**	**29x5LCBWW**
Lamp Type:	LED	**Description:**	TRUGROOVE SUSPEND/WALL INDIRECT/DIRECT ASY LED STD/HI 830
No. of Lamps:	176		
Rated Lamp Lumens:	-1	**Flux (lm), Efficiency (%):**	4491 lm 100.0%
Input Watts:	120 VAC 38.2	**Up/Dn Ratio, Efficacy (lm/W):**	58% Up / 42% Dn 117.6
CIE-IES Classification:	Direct-Indirect	**Report (Ele, Col, Photo):**	TGSEI-23 T20190608 MLNG157

CANDELA DISTRIBUTION

	0	45	90	135	180	Flux Lumens
0	710	710	710	710	710	
5	808	778	710	653	636	69
15	1071	943	701	572	545	214
25	1214	1064	679	499	471	352
35	944	891	607	416	395	401
45	587	557	432	321	305	340
55	346	330	280	233	223	253
65	191	187	172	152	146	169
75	87	84	80	77	75	86
85	16	15	16	17	19	20
90	0	0	0	0	0	
95	151	133	47	69	48	144
105	1571	787	154	215	182	509
115	1198	615	244	299	287	475
125	810	562	309	352	360	406
135	692	548	357	386	402	356
145	611	525	402	420	431	294
155	556	510	439	452	453	220
165	514	494	462	473	474	136
175	484	478	473	478	480	46
180	474	474	474	474	474	

POLAR CANDELA PLOT



CHARACTERISTICS

RP1	Meets RP-1-12 recommendations for VDT-Normal spaces			
Direct: Peak Candela & Angle (0deg)			1214.3	22.5
Direct: Peak Candela & Angle (180deg)			709.8	0.0
Spacing Criteria (0deg, 90deg, 180deg)		1.66	1.34	0.92
Indirect: Peak Candela & Angle			1570.9	105.0
Indirect: Zenith Candela, Peak to Zenith			473.8	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	38.2	0.320	8.1	0.995
277V: P(W), I(A), THD(%), PF	38.2	0.143	12.5	0.964
347V: P(W), I(A), THD(%), PF	39.1	0.116	10.6	0.969

COEFFICIENTS OF UTILIZATION (%)

Pc---	80				70			50			0
Pw---	70	50	30	10	70	50	30	50	30	10	0
RCR											
0	105	105	105	105	96	96	96	79	79	79	42
1	97	92	89	85	88	85	81	70	68	66	37
2	88	81	75	70	80	74	69	62	58	55	31
3	81	72	65	59	73	66	60	55	50	47	27
4	74	64	56	50	67	58	52	49	44	40	23
5	68	57	49	43	62	52	45	44	39	35	21
6	63	51	43	38	57	47	40	40	34	30	18
7	58	46	38	33	53	43	36	36	31	27	16
8	54	42	34	29	49	39	32	33	28	24	15
9	50	38	31	26	46	35	29	30	25	21	13
10	47	35	28	23	43	32	26	28	23	19	12

*Based on a floor reflectance of 0.2

ZONAL LUMEN SUMMARY

Zone	Lumens	%Fixture	%Lamp
0-30	636	14.2%	14.2%
0-40	1036	23.1%	23.1%
0-60	1629	36.3%	36.3%
0-90	1904	42.4%	42.4%
90-130	1535	34.2%	34.2%
90-150	2185	48.6%	48.6%
90-180	2587	57.6%	57.6%
0-180	4491	100.0%	100.0%

AVG LUMINANCE (cd/m^2)

	0	90	180
0	7637	7637	7637
5	8728	7667	6870
15	11932	7810	6071
25	14417	8066	5594
35	12399	7975	5183
45	8931	6577	4641
55	6481	5260	4176
65	4858	4379	3717
75	3604	3305	3126
85	1963	1963	2321

LUMINAIRE SECTION

LEDALITE

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