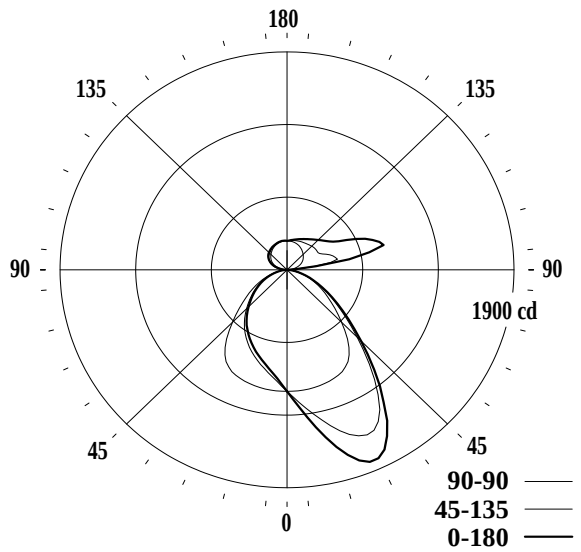
LEDALITE - TRUGROOVE SUSPENDED

TEST DATE:	05 Jun 2019	**CATALOG NO:**	**29x6LACWW**
Lamp Type:	LED	**Description:**	TRUGROOVE SUSPEND/WALL DIRECT/INDIRECT ASY LED HI/STD 840
No. of Lamps:	176		
Rated Lamp Lumens:	-1	**Flux (lm), Efficiency (%):**	4219 lm 100.0%
Input Watts:	277 VAC 39.0	**Up/Dn Ratio, Efficacy (lm/W):**	33% Up / 67% Dn 108.2
CIE-IES Classification:	Semi-Direct	**Report (Ele, Col, Photo):**	TGSEI-14 T20190611 MLNG140

CANDELA DISTRIBUTION

	0	45	90	135	180	Flux Lumens
0	1059	1059	1059	1059	1059	
5	1206	1161	1059	975	949	103
15	1599	1407	1046	854	813	320
25	1812	1588	1014	744	703	526
35	1409	1329	906	621	589	598
45	876	831	645	479	455	507
55	516	492	419	347	332	378
65	285	278	257	227	218	252
75	129	125	119	114	112	128
85	24	22	24	26	28	30
90	0	0	0	0	0	
95	81	71	25	37	26	77
105	837	419	82	114	97	271
115	638	328	130	159	153	253
125	431	299	164	187	192	217
135	369	292	190	206	214	190
145	326	280	214	224	230	156
155	296	272	234	241	241	117
165	274	263	246	252	252	73
175	258	255	252	255	256	24
180	252	252	252	252	252	

POLAR CANDELA PLOT



CHARACTERISTICS

RP1	Meets RP-1-12 recommendations for VDT-Normal spaces			
Direct: Peak Candela & Angle (0deg)			1812.2	22.5
Direct: Peak Candela & Angle (180deg)			1059.3	0.0
Spacing Criteria (0deg, 90deg, 180deg)		1.66	1.34	0.92
Indirect: Peak Candela & Angle			836.9	105.0
Indirect: Zenith Candela, Peak to Zenith			252.4	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	0.3772	0.3752	4078	0.0002
CRI (Ra), R9			81	6
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	949	22.5%	22.5%
0-40	1546	36.6%	36.6%
0-60	2431	57.6%	57.6%
0-90	2841	67.3%	67.3%
90-130	818	19.4%	19.4%
90-150	1164	27.6%	27.6%
90-180	1378	32.7%	32.7%
0-180	4219	100.0%	100.0%

AVG LUMINANCE (cd/m^2)

	0	90	180
0	11398	11398	11398
5	13026	11442	10252
15	17808	11655	9060
25	21515	12039	8350
35	18505	11902	7737
45	13329	9816	6927
55	9672	7851	6232
65	7251	6536	5548
75	5380	4935	4665
85	2926	2926	3457

LUMINAIRE SECTION

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