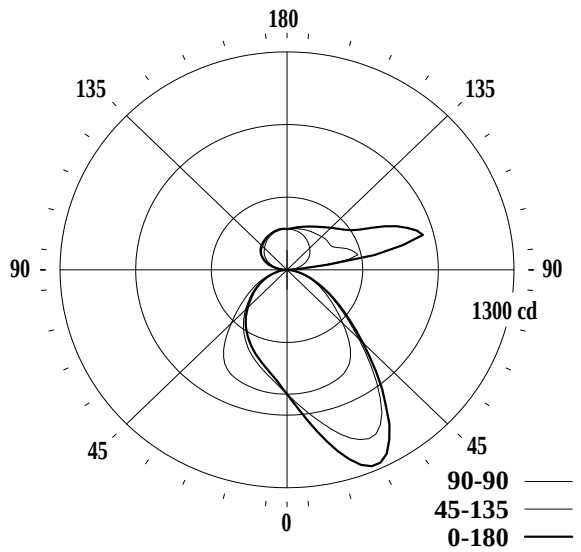
LEDALITE - TRUGROOVE SUSPENDED

TEST DATE:	05 Jun 2019	**CATALOG NO:**	**29x6LADWW**
Lamp Type:	LED	**Description:**	TRUGROOVE SUSPEND/WALL DIRECT/INDIRECT ASY LED HI/MID 840
No. of Lamps:	176		
Rated Lamp Lumens:	-1	**Flux (lm), Efficiency (%):**	3314 lm 100.0%
Input Watts:	277 VAC 29.5	**Up/Dn Ratio, Efficacy (lm/W):**	40% Up / 60% Dn 112.3
CIE-IES Classification:	Direct-Indirect	**Report (Ele, Col, Photo):**	TGSEI-13 T20190611 MLNG137

CANDELA DISTRIBUTION

	0	45	90	135	180	Flux Lumens
0	741	741	741	741	741	
5	844	812	741	682	664	72
15	1119	984	732	598	569	224
25	1268	1111	710	521	492	368
35	986	930	634	435	412	418
45	613	581	451	335	319	355
55	361	344	293	243	233	264
65	199	195	180	159	153	176
75	91	88	83	80	79	90
85	17	15	17	18	20	21
90	0	0	0	0	0	
95	78	68	24	35	25	74
105	805	403	79	110	93	261
115	614	316	125	153	147	244
125	415	288	158	180	184	208
135	355	281	183	198	206	183
145	313	269	206	215	221	151
155	285	261	225	232	232	113
165	264	253	237	243	243	70
175	248	245	243	245	246	23
180	243	243	243	243	243	

POLAR CANDELA PLOT



CHARACTERISTICS

RP1	Meets RP-1-12 recommendations for VDT-Normal spaces			
Direct: Peak Candela & Angle (0deg)			1268.2	22.5
Direct: Peak Candela & Angle (180deg)			741.3	0.0
Spacing Criteria (0deg, 90deg, 180deg)		1.66	1.34	0.92
Indirect: Peak Candela & Angle			805.3	105.0
Indirect: Zenith Candela, Peak to Zenith			242.9	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	29.1	0.244	10.0	0.992
277V: P(W), I(A), THD(%), PF	29.5	0.113	14.6	0.946
347V: P(W), I(A), THD(%), PF	30.3	0.092	11.0	0.954

COEFFICIENTS OF UTILIZATION (%)

Pc---	80				70			50			0
Pw---	70	50	30	10	70	50	30	50	30	10	0
RCR											
0	110	110	110	110	102	102	102	89	89	89	60
1	101	96	93	89	94	90	87	79	77	74	52
2	92	85	79	74	86	80	74	70	66	62	44
3	84	75	68	62	79	71	64	62	57	53	38
4	77	67	59	53	72	63	56	56	50	46	33
5	71	60	52	46	67	56	49	50	44	40	29
6	66	54	46	40	61	51	44	45	39	35	26
7	61	49	41	35	57	46	39	41	35	31	23
8	57	44	37	32	53	42	35	38	32	28	21
9	53	41	33	28	50	39	32	35	29	25	19
10	49	37	30	25	46	36	29	32	26	23	17

*Based on a floor reflectance of 0.2

ZONAL LUMEN SUMMARY

Zone	Lumens	%Fixture	%Lamp
0-30	664	20.0%	20.0%
0-40	1082	32.6%	32.6%
0-60	1701	51.3%	51.3%
0-90	1988	60.0%	60.0%
90-130	787	23.7%	23.7%
90-150	1120	33.8%	33.8%
90-180	1326	40.0%	40.0%
0-180	3314	100.0%	100.0%

AVG LUMINANCE (cd/m^2)

	0	90	180
0	7976	7976	7976
5	9115	8007	7175
15	12462	8156	6341
25	15057	8425	5844
35	12950	8329	5414
45	9326	6869	4848
55	6768	5495	4362
65	5074	4575	3883
75	3767	3451	3264
85	2049	2049	2420

LUMINAIRE SECTION

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