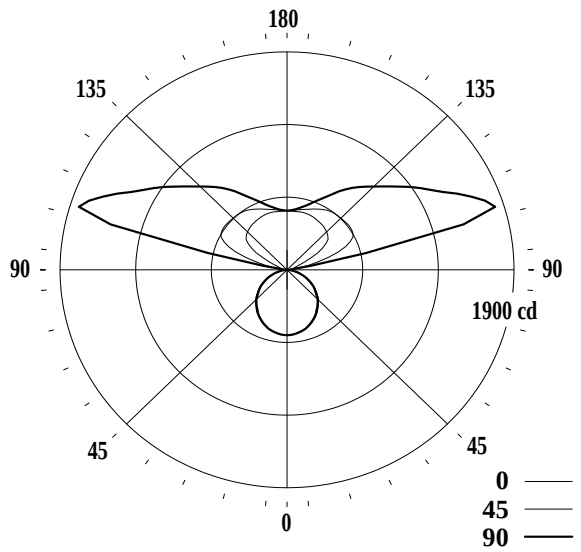
LEDALITE - TRUGROOVE SUSPENDED

TEST DATE:	05 Jun 2019	**CATALOG NO:**	**29x5LACLQ**
Lamp Type:	LED	**Description:**	TRUGROOVE SUSPENDED INDIRECT/DIRECT SYM SILK LED MID/HI 840
No. of Lamps:	176		
Rated Lamp Lumens:	-1	**Flux (lm), Efficiency (%):**	4881 lm 100.0%
Input Watts:	277 VAC 36.3	**Up/Dn Ratio, Efficacy (lm/W):**	68% Up / 32% Dn 134.5
CIE-IES Classification:	Semi-Indirect	**Report (Ele, Col, Photo):**	TGSEI-22 T20190611 MLNG124

CANDELA DISTRIBUTION

	0	22.5	45	67.5	90	Flux Lumens
0	569	569	569	569	569	
5	565	567	566	567	566	54
15	543	546	542	544	542	153
25	500	503	498	499	496	230
35	443	445	439	440	431	275
45	370	374	366	367	363	284
55	286	290	282	286	278	254
65	196	198	189	194	189	192
75	99	109	97	102	99	107
85	21	25	20	24	22	27
90	0	0	0	0	0	
95	16	17	23	25	29	33
105	55	65	266	890	1530	470
115	161	197	584	1202	1571	706
125	395	436	646	1054	1260	661
135	468	500	638	911	1028	542
145	493	524	625	794	857	411
155	510	530	584	664	684	276
165	518	524	545	570	576	156
175	513	517	521	525	524	50
180	516	516	516	516	516	

POLAR CANDELA PLOT



CHARACTERISTICS

RP1	Meets RP-1-12 recommendations for VDT-Critical spaces			
Direct: Peak Candela & Angle (0deg)			569.1	0.0
Direct: Peak Candela & Angle (90deg)			569.1	0.0
Spacing Criteria (0deg, 90deg, 180deg)		1.24	1.22	N/A
Indirect: Peak Candela & Angle			1827.6	107.5
Indirect: Zenith Candela, Peak to Zenith			515.7	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	0.3772	0.3752	4078	0.0002
CRI (Ra), R9			81	6
120V: P(W), I(A), THD(%), PF	35.9	0.302	10.4	0.992
277V: P(W), I(A), THD(%), PF	36.3	0.140	13.7	0.939
347V: P(W), I(A), THD(%), PF	36.0	0.109	10.3	0.952

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	90	86	82	84	81	78	64	62	60	27
2	85	78	72	67	77	70	65	56	53	50	23
3	78	68	61	56	70	62	56	49	45	42	19
4	71	60	53	47	64	55	48	44	39	35	16
5	65	54	46	40	58	49	42	39	34	30	14
6	60	48	40	34	54	44	37	35	30	26	12
7	55	43	35	30	49	39	32	32	27	23	11
8	51	39	32	26	46	36	29	29	24	20	10
9	47	36	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	437	9.0%	9.0%
0-40	713	14.6%	14.6%
0-60	1250	25.6%	25.6%
0-90	1577	32.3%	32.3%
90-130	1870	38.3%	38.3%
90-150	2823	57.8%	57.8%
90-180	3305	67.7%	67.7%
0-180	4881	100.0%	100.0%

AVG LUMINANCE (cd/m^2)

	0	45	90
0	6124	6124	6124
5	6103	6113	6115
15	6052	6042	6033
25	5941	5915	5885
35	5820	5764	5660
45	5629	5568	5518
55	5371	5290	5221
65	4988	4820	4807
75	4099	4041	4128
85	2543	2457	2667

LUMINAIRE SECTION

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