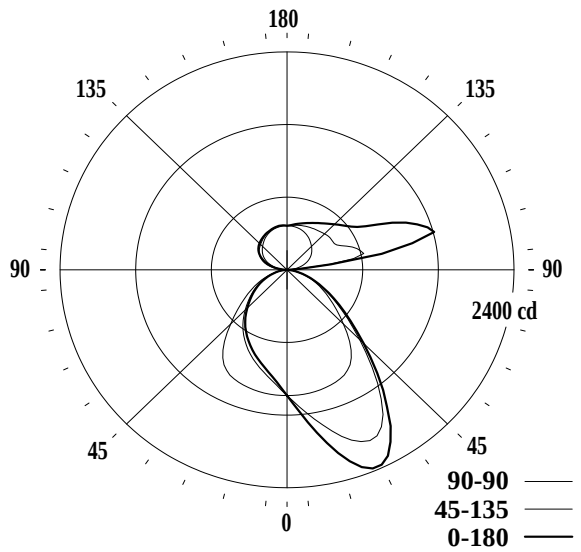
LEDALITE - TRUGROOVE SUSPENDED

TEST DATE:	05 Jun 2019	**CATALOG NO:**	**29x6LAAWW**
Lamp Type:	LED	**Description:**	TRUGROOVE SUSPEND/WALL DIRECT/INDIRECT ASY LED XHI/HI 840
No. of Lamps:	176		
Rated Lamp Lumens:	-1	**Flux (lm), Efficiency (%):**	6364 lm 100.0%
Input Watts:	120 VAC 57.8	**Up/Dn Ratio, Efficacy (lm/W):**	42% Up / 58% Dn 110.1
CIE-IES Classification:	Direct-Indirect	**Report (Ele, Col, Photo):**	TGSEI-16 T20190611 MLNG146

CANDELA DISTRIBUTION

	0	45	90	135	180	Flux Lumens
0	1384	1384	1384	1384	1384	
5	1576	1517	1384	1274	1240	134
15	2089	1838	1367	1116	1063	418
25	2368	2075	1325	973	919	687
35	1841	1737	1184	812	770	781
45	1145	1085	843	626	595	663
55	674	643	547	454	434	493
65	372	364	336	296	285	329
75	169	164	155	149	147	167
85	31	28	31	34	37	40
90	0	0	0	0	0	
95	155	136	48	70	50	148
105	1610	806	158	220	187	522
115	1228	631	250	306	294	487
125	830	576	316	360	369	417
135	709	561	366	396	412	365
145	626	538	412	431	442	301
155	569	523	450	463	464	226
165	527	506	474	485	486	140
175	496	490	485	490	492	47
180	486	486	486	486	486	

POLAR CANDELA PLOT



CHARACTERISTICS

RP1				None
Direct: Peak Candela & Angle (0deg)			2368.1	22.5
Direct: Peak Candela & Angle (180deg)			1384.2	0.0
Spacing Criteria (0deg, 90deg, 180deg)		1.66	1.34	0.92
Indirect: Peak Candela & Angle			1610.1	105.0
Indirect: Zenith Candela, Peak to Zenith			485.6	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	57.8	0.483	6.2	0.997
277V: P(W), I(A), THD(%), PF	57.4	0.213	8.8	0.973
347V: P(W), I(A), THD(%), PF	57.6	0.171	8.2	0.971

COEFFICIENTS OF UTILIZATION (%)

Pc---	80				70			50			0
Pw---	70	50	30	10	70	50	30	50	30	10	0
RCR											
0	109	109	109	109	102	102	102	88	88	88	58
1	100	96	92	89	93	90	87	78	76	74	50
2	92	85	79	74	85	79	74	69	65	62	43
3	84	75	68	62	78	70	64	61	57	53	37
4	77	67	59	53	72	63	56	55	50	45	32
5	71	60	52	46	66	56	49	49	44	39	28
6	66	54	46	40	61	51	43	45	39	35	25
7	61	49	41	35	57	46	39	41	35	31	22
8	56	44	37	31	53	42	35	37	31	27	20
9	53	40	33	28	49	38	32	34	29	25	18
10	49	37	30	25	46	35	29	31	26	22	16

*Based on a floor reflectance of 0.2

ZONAL LUMEN SUMMARY

Zone	Lumens	%Fixture	%Lamp
0-30	1240	19.5%	19.5%
0-40	2021	31.8%	31.8%
0-60	3177	49.9%	49.9%
0-90	3713	58.3%	58.3%
90-130	1573	24.7%	24.7%
90-150	2239	35.2%	35.2%
90-180	2651	41.7%	41.7%
0-180	6364	100.0%	100.0%

AVG LUMINANCE (cd/m^2)

	0	90	180
0	14894	14894	14894
5	17021	14951	13398
15	23271	15231	11839
25	28115	15731	10912
35	24181	15554	10109
45	17417	12826	9051
55	12640	10260	8145
65	9474	8542	7249
75	7034	6448	6095
85	3827	3827	4519

LUMINAIRE SECTION

LEDALITE

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