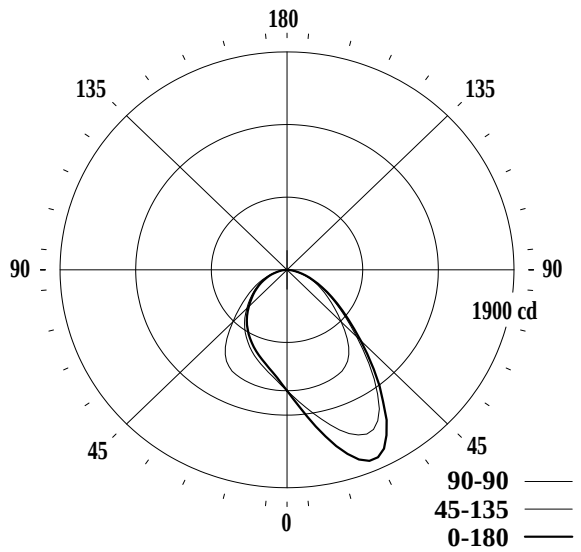
LEDALITE - TRUGROOVE SUSPENDED

TEST DATE:	05 Jun 2019	**CATALOG NO:**	**29x1LAEWN**
Lamp Type:	LED	**Description:**	TRUGROOVE SUSPEND/SURFACE/WALL DIRECT ASY LED HI 840
No. of Lamps:	88		
Rated Lamp Lumens:	-1	**Flux (lm), Efficiency (%):**	2827 lm 100.0%
Input Watts:	277 VAC 28.3	**Up/Dn Ratio, Efficacy (lm/W):**	0% Up / 100% Dn 99.9
CIE-IES Classification:	Direct	**Report (Ele, Col, Photo):**	TGSEI-03 T20190611 S83733-H

CANDELA DISTRIBUTION

	0	45	90	135	180	Flux Lumens
0	1054	1054	1054	1054	1054	
5	1200	1155	1054	970	944	102
15	1590	1399	1041	850	809	318
25	1803	1580	1009	741	700	523
35	1402	1322	901	618	586	595
45	871	826	642	477	453	505
55	513	489	416	346	331	376
65	283	277	255	225	217	251
75	129	125	118	114	112	128
85	24	22	24	26	28	30
90	0	0	0	0	0	
95	0	0	0	0	0	0
105	0	0	0	0	0	0
115	0	0	0	0	0	0
125	0	0	0	0	0	0
135	0	0	0	0	0	0
145	0	0	0	0	0	0
155	0	0	0	0	0	0
165	0	0	0	0	0	0
175	0	0	0	0	0	0
180	0	0	0	0	0	

POLAR CANDELA PLOT



CHARACTERISTICS

RP1	Meets RP-1-12 recommendations for VDT-Normal spaces			
Direct: Peak Candela & Angle (0deg)			1802.9	22.5
Direct: Peak Candela & Angle (180deg)			1053.8	0.0
Spacing Criteria (0deg, 90deg, 180deg)		1.66	1.34	0.92
Indirect: Peak Candela & Angle			N/A	N/A
Indirect: Zenith Candela, Peak to Zenith			N/A	N/A
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	2.146
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	28.1	0.236	9.1	0.990
277V: P(W), I(A), THD(%), PF	28.3	0.106	10.3	0.960
347V: P(W), I(A), THD(%), PF	28.0	0.084	8.1	0.966

COEFFICIENTS OF UTILIZATION (%)

Pc---	80				70			50			0
Pw---	70	50	30	10	70	50	30	50	30	10	0
RCR											
0	119	119	119	119	116	116	116	111	111	111	100
1	110	106	102	98	107	103	100	99	96	94	86
2	101	94	87	82	98	92	86	88	83	79	74
3	93	83	76	70	90	82	75	79	73	68	64
4	86	74	66	60	83	73	65	71	64	59	55
5	79	67	59	52	77	66	58	64	57	52	48
6	73	61	52	46	71	60	52	58	51	46	43
7	68	55	47	41	66	55	47	53	46	41	38
8	64	51	43	37	62	50	42	49	42	37	34
9	59	47	39	33	58	46	38	45	38	33	31
10	56	43	35	30	55	43	35	42	35	30	28

*Based on a floor reflectance of 0.2

ZONAL LUMEN SUMMARY

Zone	Lumens	%Fixture	%Lamp
0-30	944	33.4%	33.4%
0-40	1538	54.4%	54.4%
0-60	2419	85.6%	85.6%
0-90	2827	100.0%	100.0%
90-130	0	0.0%	0.0%
90-150	0	0.0%	0.0%
90-180	0	0.0%	0.0%
0-180	2827	100.0%	100.0%

AVG LUMINANCE (cd/m^2)

	0	90	180
0	11339	11339	11339
5	12959	11383	10200
15	17716	11596	9014
25	21405	11976	8307
35	18410	11841	7697
45	13260	9765	6891
55	9623	7811	6201
65	7213	6503	5519
75	5354	4908	4640
85	2915	2915	3445

LUMINAIRE SECTION

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