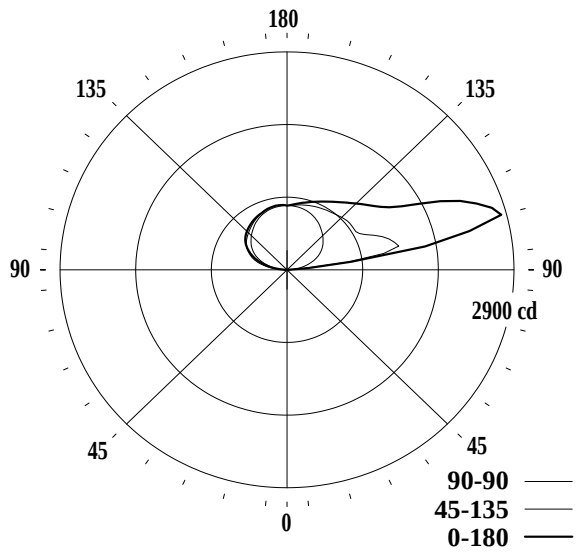
LEDALITE - TRUGROOVE SUSPENDED

TEST DATE:	05 Jun 2019	**CATALOG NO:**	**29x3LACNW**
Lamp Type:	LED	**Description:**	TRUGROOVE SUSPEND/WALL INDIRECT ASY LED HI 840
No. of Lamps:	88		
Rated Lamp Lumens:	-1	**Flux (lm), Efficiency (%):**	4667 lm 100.0%
Input Watts:	120 VAC 35.7	**Up/Dn Ratio, Efficacy (lm/W):**	100% Up / 0% Dn 130.7
CIE-IES Classification:	Indirect	**Report (Ele, Col, Photo):**	TGSEI-10 T20190611 S83735-B

CANDELA DISTRIBUTION

	0	45	90	135	180	Flux Lumens
0	0	0	0	0	0	
5	0	0	0	0	0	0
15	0	0	0	0	0	0
25	0	0	0	0	0	0
35	0	0	0	0	0	0
45	0	0	0	0	0	0
55	0	0	0	0	0	0
65	0	0	0	0	0	0
75	0	0	0	0	0	0
85	0	0	0	0	0	0
90	0	0	0	0	0	
95	273	240	84	124	87	260
105	2834	1420	278	387	328	919
115	2162	1110	439	539	517	857
125	1461	1014	557	634	649	733
135	1248	988	644	696	725	643
145	1102	947	725	758	777	530
155	1002	920	792	815	817	397
165	928	891	834	853	855	246
175	872	863	853	863	866	83
180	855	855	855	855	855	

POLAR CANDELA PLOT



CHARACTERISTICS

RP1	Meets RP-1-12 recommendations for VDT-Critical spaces			
Direct: Peak Candela & Angle (0deg)			N/A	N/A
Direct: Peak Candela & Angle (180deg)			N/A	N/A
Spacing Criteria (0deg, 90deg, 180deg)		N/A	N/A	N/A
Indirect: Peak Candela & Angle			2834.4	105.0
Indirect: Zenith Candela, Peak to Zenith			854.9	3.32
Luminous Length, Width, Height (ft)		0.00	0.00	0.00
UGR (4H x 8H, 0.25H)				N/A
Ballast Factor, Multiplication Factor			1.000	1.586
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	35.7	0.299	6.3	0.996
277V: P(W), I(A), THD(%), PF	35.5	0.132	8.1	0.973
347V: P(W), I(A), THD(%), PF	34.9	0.103	6.7	0.976

COEFFICIENTS OF UTILIZATION (%)

Pc---	80				70			50			0
Pw---	70	50	30	10	70	50	30	50	30	10	0
RCR											
0	95	95	95	95	81	81	81	56	56	56	0
1	87	83	79	76	74	71	68	48	47	45	0
2	79	72	66	62	67	62	57	42	40	37	0
3	72	63	57	51	61	54	49	37	34	31	0
4	65	56	48	43	56	48	42	33	29	26	0
5	60	49	42	36	51	42	36	29	25	22	0
6	55	44	36	31	47	38	32	26	22	19	0
7	50	39	32	27	43	34	28	23	19	17	0
8	47	35	28	23	40	30	24	21	17	14	0
9	43	32	25	20	37	27	22	19	15	13	0
10	40	29	22	18	34	25	19	17	14	11	0

*Based on a floor reflectance of 0.2

ZONAL LUMEN SUMMARY

Zone	Lumens	%Fixture	%Lamp
0-30	0	0.0%	0.0%
0-40	0	0.0%	0.0%
0-60	0	0.0%	0.0%
0-90	0	0.0%	0.0%
90-130	2769	59.3%	59.3%
90-150	3942	84.5%	84.5%
90-180	4667	100.0%	100.0%
0-180	4667	100.0%	100.0%

AVG LUMINANCE (cd/m^2)

	0	90	180
0	0	0	0
5	0	0	0
15	0	0	0
25	0	0	0
35	0	0	0
45	0	0	0
55	0	0	0
65	0	0	0
75	0	0	0
85	0	0	0

LUMINAIRE SECTION

LEDALITE

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