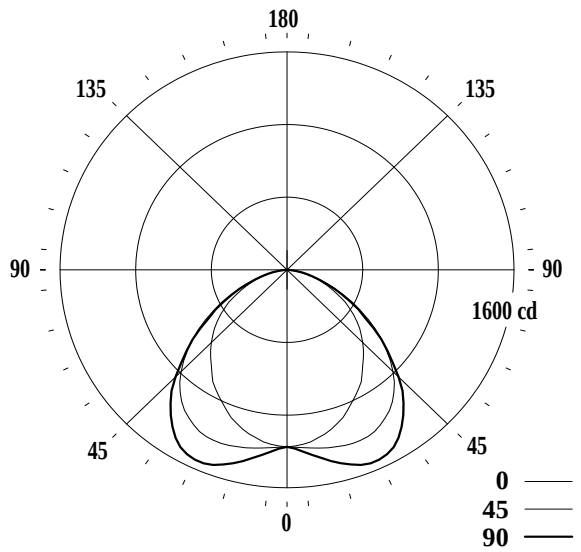
LEDALITE - TRUGROOVE SUSPENDED

TEST DATE:	05 Jun 2019	**CATALOG NO:**	**29x1LBDQN**
Lamp Type:	LED	**Description:**	TRUGROOVE SUSPEND/SURFACE DIRECT SYM MESO LED XHI 835
No. of Lamps:	88		
Rated Lamp Lumens:	-1	**Flux (lm), Efficiency (%):**	3963 lm 100.0%
Input Watts:	120 VAC 39.0	**Up/Dn Ratio, Efficacy (lm/W):**	0% Up / 100% Dn 101.6
CIE-IES Classification:	Direct	**Report (Ele, Col, Photo):**	TGSEI-04 T20190610 S07571-B

CANDELA DISTRIBUTION

	0	22.5	45	67.5	90	Flux Lumens
0	1300	1300	1300	1300	1300	
5	1286	1294	1311	1322	1341	126
15	1210	1255	1345	1427	1470	380
25	1078	1171	1350	1494	1537	613
35	924	1039	1260	1402	1408	760
45	755	867	1056	1137	1112	768
55	571	652	763	788	745	638
65	362	410	444	462	428	425
75	171	191	194	202	185	206
85	38	42	36	44	33	48
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				None
Direct: Peak Candela & Angle (0deg)			1299.6	0.0
Direct: Peak Candela & Angle (90deg)			1537.7	22.5
Spacing Criteria (0deg, 90deg, 180deg)		1.16	1.57	N/A
Indirect: Peak Candela & Angle			N/A	N/A
Indirect: Zenith Candela, Peak to Zenith			N/A	N/A
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	2.866
DLC (120/277), DLC (347)			N/A	N/A
x, y, CCT ,Duv	0.4061	0.3914	3487	0.0001
CRI (Ra), R9			82	12
120V: P(W), I(A), THD(%), PF	39.0	0.326	5.1	0.998
277V: P(W), I(A), THD(%), PF	38.4	0.142	8.3	0.973
347V: P(W), I(A), THD(%), PF	38.2	0.112	6.5	0.979

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	109	105	101	97	107	103	99	98	95	93	85
2	100	92	85	80	97	90	84	87	82	77	72
3	91	81	73	67	89	79	72	77	70	65	61
4	84	72	63	57	81	71	63	68	61	56	52
5	77	64	56	49	75	63	55	61	54	48	45
6	71	58	49	43	69	57	49	55	48	42	39
7	66	52	44	38	64	52	43	50	43	37	35
8	61	48	39	34	60	47	39	46	39	33	31
9	57	44	36	30	56	43	35	42	35	30	28
10	54	40	33	27	52	40	32	39	32	27	25

*Based on a floor reflectance of 0.2

ZONAL LUMEN SUMMARY

Zone	Lumens	%Fixture	%Lamp
0-30	1119	28.2%	28.2%
0-40	1879	47.4%	47.4%
0-60	3285	82.9%	82.9%
0-90	3963	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	3963	100.0%	100.0%

AVG LUMINANCE (cd/m^2)

	0	45	90
0	13984	13984	13984
5	13885	14155	14483
15	13478	14981	16376
25	12796	16028	18253
35	12136	16548	18494
45	11486	16074	16924
55	10720	14311	13972
65	9215	11294	10886
75	7101	8054	7696
85	4635	4458	4069

LUMINAIRE SECTION

LEDALITE

Ledalite
19750 - 92A Avenue
Langley, BC
CANADA V1M 3B2
Phone: 604-888-6811
Fax: 800-665-5332
604-888-2003