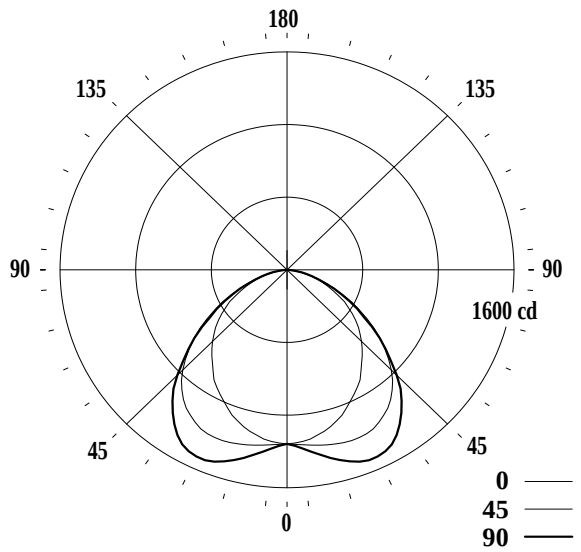
LEDALITE - TRUGROOVE SUSPENDED

TEST DATE:	05 Jun 2019	**CATALOG NO:**	**29x1LCDQN**
Lamp Type:	LED	**Description:**	TRUGROOVE SUSPEND/SURFACE DIRECT SYM MESO LED XHI 830
No. of Lamps:	88		
Rated Lamp Lumens:	-1	**Flux (lm), Efficiency (%):**	3898 lm 100.0%
Input Watts:	120 VAC 39.0	**Up/Dn Ratio, Efficacy (lm/W):**	0% Up / 100% Dn 99.9
CIE-IES Classification:	Direct	**Report (Ele, Col, Photo):**	TGSEI-04 T20190608 S07571-A

CANDELA DISTRIBUTION

	0	22.5	45	67.5	90	Flux Lumens
0	1278	1278	1278	1278	1278	
5	1265	1273	1289	1301	1319	124
15	1190	1234	1323	1403	1446	374
25	1060	1152	1328	1469	1512	603
35	909	1022	1239	1379	1385	747
45	742	853	1039	1118	1094	755
55	562	641	750	775	733	628
65	356	403	436	454	421	418
75	168	188	191	199	182	202
85	37	41	36	43	32	47
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)			1278.3	0.0
Direct: Peak Candela & Angle (90deg)			1512.5	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	2.819
DLC (120/277), DLC (347)			N/A	N/A
x, y, CCT ,Duv	0.4309	0.4003	3073	-0.0007
CRI (Ra), R9			83	10
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	1101	28.2%	28.2%
0-40	1848	47.4%	47.4%
0-60	3231	82.9%	82.9%
0-90	3898	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	3898	100.0%	100.0%

AVG LUMINANCE (cd/m^2)

	0	45	90
0	13754	13754	13754
5	13658	13923	14245
15	13257	14736	16108
25	12586	15765	17954
35	11937	16276	18190
45	11298	15810	16646
55	10544	14076	13743
65	9064	11109	10707
75	6984	7922	7570
85	4559	4385	4002

LUMINAIRE SECTION

LEDALITE

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