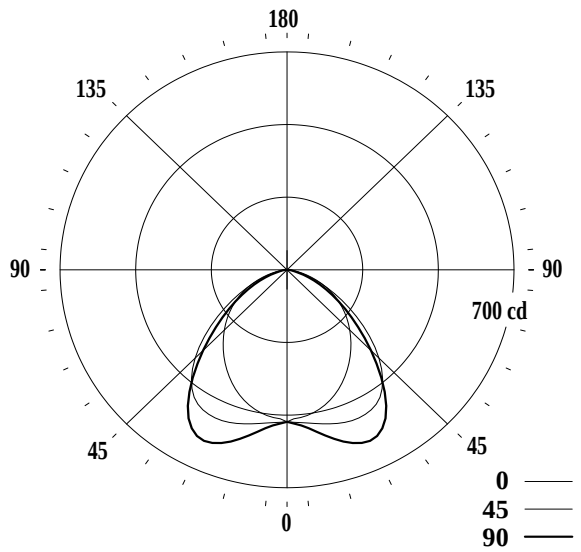
LEDALITE - TRUGROOVE LED

TEST DATE:	08 Jan 2019	**CATALOG NO:**	**39x1LBKRxx04**
Lamp Type:	LED	**Description:**	MESO REGRESSED 1500LM 835
No. of Lamps:	1		
Rated Lamp Lumens:	-1	**Flux (lm), Efficiency (%):**	1400 lm 100.0%
Input Watts:	120 VAC 14.1	**Up/Dn Ratio, Efficacy (lm/W):**	0% Up / 100% Dn 99.3
CIE-IES Classification:	Direct	**Report (Ele, Col, Photo):**	ET1281 F38546Color S38549-4

CANDELA DISTRIBUTION

	0	22.5	45	67.5	90	Flux Lumens
0	488	488	488	488	488	
5	476	484	493	501	502	47
15	450	470	512	551	562	145
25	401	440	525	590	606	237
35	339	391	500	538	533	290
45	274	323	401	384	366	275
55	206	237	261	231	219	211
65	134	142	137	118	112	130
75	62	60	51	41	37	55
85	12	9	9	9	9	11
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-Critical spaces			
Direct: Peak Candela & Angle (0deg)			488.3	0.0
Direct: Peak Candela & Angle (90deg)			606.0	25.0
Spacing Criteria (0deg, 90deg, 180deg)		1.14	1.54	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)		4.0000	0.2500	0.0000
UGR (4H x 8H, 0.25H)				N/A
Ballast Factor, Multiplication Factor			1.000	1.037
DesignLights Consortium				N/A
x, y, CCT ,Duv	0.4097	0.3945	3437	0.0007
CRI (Ra), R9			82	10
120V: P(W), I(A), THD(%), PF	14.1	0.119	11.3	0.990
277V: P(W), I(A), THD(%), PF	14.3	0.055	15.4	0.940
347V: P(W), I(A), THD(%), PF	N/A	N/A	N/A	N/A

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	93	87	82	98	91	86	88	83	79	74
3	92	83	75	69	90	81	74	78	72	67	63
4	85	74	65	59	83	72	65	70	63	58	54
5	78	66	58	51	76	65	57	63	56	50	47
6	72	60	51	45	71	59	51	57	50	44	42
7	67	54	46	40	66	53	45	52	45	39	37
8	63	50	41	36	61	49	41	48	40	35	33
9	58	45	37	32	57	45	37	44	37	32	30
10	55	42	34	29	54	41	34	40	34	29	27

*Based on a floor reflectance of 0.2

ZONAL LUMEN SUMMARY

Zone	Lumens	%Fixture	%Lamp
0-30	429	30.6%	30.6%
0-40	718	51.3%	51.3%
0-60	1204	86.0%	86.0%
0-90	1400	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	1400	100.0%	100.0%

AVG LUMINANCE (cd/m^2)

	0	45	90
0	5254	5254	5254
5	5146	5319	5417
15	5010	5705	6261
25	4762	6230	7195
35	4458	6562	7007
45	4163	6102	5567
55	3867	4900	4099
65	3409	3493	2849
75	2587	2112	1539
85	1485	1088	1075

LUMINAIRE SECTION

LEDALITE

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