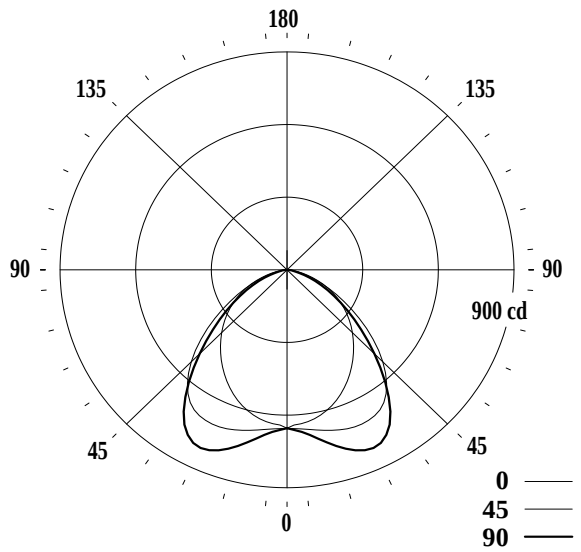
LEDALITE - TRUGROOVE LED

TEST DATE:	08 Jan 2019	**CATALOG NO:**	**39x1LCGRxx04**
Lamp Type:	LED	**Description:**	MESO REGRESSED 2200LM 830
No. of Lamps:	1		
Rated Lamp Lumens:	-1	**Flux (lm), Efficiency (%):**	1875 lm 100.0%
Input Watts:	120 VAC 20.5	**Up/Dn Ratio, Efficacy (lm/W):**	0% Up / 100% Dn 91.5
CIE-IES Classification:	Direct	**Report (Ele, Col, Photo):**	ET1282 F38541Color S38549-1

CANDELA DISTRIBUTION

	0	22.5	45	67.5	90	Flux Lumens
0	654	654	654	654	654	
5	638	649	660	670	672	63
15	602	630	686	738	753	194
25	537	589	703	790	812	317
35	455	524	669	720	715	388
45	366	433	537	514	490	368
55	276	317	350	310	293	282
65	179	190	184	158	150	174
75	83	81	68	54	50	74
85	16	13	12	12	12	15
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)			654.1	0.0
Direct: Peak Candela & Angle (90deg)			811.7	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	1.389
DesignLights Consortium				N/A
x, y, CCT ,Duv	0.4334	0.4017	3040	0.0006
CRI (Ra), R9			84	16
120V: P(W), I(A), THD(%), PF	20.5	0.173	13.0	0.988
277V: P(W), I(A), THD(%), PF	20.9	0.081	17.6	0.924
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	574	30.6%	30.6%
0-40	962	51.3%	51.3%
0-60	1613	86.0%	86.0%
0-90	1875	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	1875	100.0%	100.0%

AVG LUMINANCE (cd/m^2)

	0	45	90
0	7038	7038	7038
5	6892	7125	7255
15	6711	7642	8386
25	6379	8344	9637
35	5972	8789	9385
45	5576	8173	7457
55	5180	6564	5490
65	4566	4679	3816
75	3465	2830	2062
85	1989	1458	1440

LUMINAIRE SECTION

LEDALITE

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