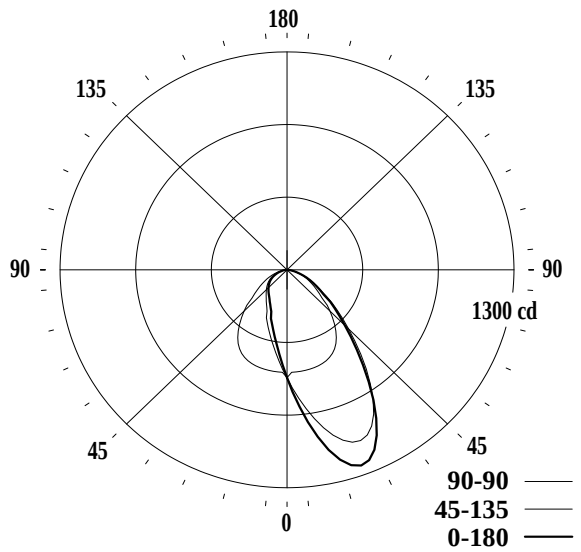
LEDALITE - TRUGROOVE RECESSED MICRO

TEST DATE:	08 Jan 2019	**CATALOG NO:**	**23x8LSKQxx04**
Lamp Type:	LED	**Description:**	ASYMMETRIC 1500LM 935
No. of Lamps:	1		
Rated Lamp Lumens:	-1	**Flux (lm), Efficiency (%):**	1502 lm 100.0%
Input Watts:	120 VAC 17.1	**Up/Dn Ratio, Efficacy (lm/W):**	0% Up / 100% Dn 87.8
CIE-IES Classification:	Direct	**Report (Ele, Col, Photo):**	TGMR29 F38890Color S38920-E

CANDELA DISTRIBUTION

	0	45	90	135	180	Flux Lumens
0	643	643	643	643	643	
5	819	769	611	542	506	63
15	1173	1021	604	389	333	196
25	1184	1087	576	272	228	302
35	815	833	492	208	182	315
45	469	499	348	168	150	255
55	255	275	208	132	120	181
65	144	146	125	92	82	118
75	61	61	59	47	41	58
85	12	11	12	13	11	14
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)			1241.8	20.0
Direct: Peak Candela & Angle (180deg)			643.2	0.0
Spacing Criteria (0deg, 90deg, 180deg)		1.60	1.25	0.49
Indirect: Peak Candela & Angle			N/A	N/A
Indirect: Zenith Candela, Peak to Zenith			N/A	N/A
Luminous Length, Width, Height (ft)		0.1500	4.0000	0.0000
UGR (4H x 8H, 0.25H)				N/A
Ballast Factor, Multiplication Factor			1.000	0.514
DesignLights Consortium				N/A
x, y, CCT ,Duv	0.4035	0.3887	3523	0.0005
CRI (Ra), R9			94	71
120V: P(W), I(A), THD(%), PF	17.1	0.143	9.3	0.993
277V: P(W), I(A), THD(%), PF	17.2	0.065	14.0	0.956
347V: P(W), I(A), THD(%), PF	17.7	0.053	12.0	0.963

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	103	99	108	104	101	100	97	95	87
2	102	95	89	84	99	93	87	89	85	81	75
3	94	85	77	72	92	83	76	80	74	70	65
4	87	76	68	62	85	75	67	72	66	61	57
5	80	69	61	55	78	68	60	66	59	54	51
6	75	63	54	49	73	62	54	60	53	48	45
7	70	57	49	44	68	56	49	55	48	43	41
8	65	53	45	39	64	52	44	51	44	39	37
9	61	49	41	36	60	48	41	47	40	35	33
10	57	45	38	33	56	45	37	44	37	32	31

*Based on a floor reflectance of 0.2

ZONAL LUMEN SUMMARY

Zone	Lumens	%Fixture	%Lamp
0-30	561	37.3%	37.3%
0-40	876	58.3%	58.3%
0-60	1312	87.3%	87.3%
0-90	1502	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	1502	100.0%	100.0%

AVG LUMINANCE (cd/m^2)

	0	90	180
0	11535	11535	11535
5	14744	11003	9105
15	21770	11208	6187
25	23431	11400	4514
35	17847	10780	3980
45	11886	8825	3816
55	7984	6493	3741
65	6116	5322	3479
75	4245	4060	2824
85	2454	2538	2232

LUMINAIRE SECTION

LEDALITE

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