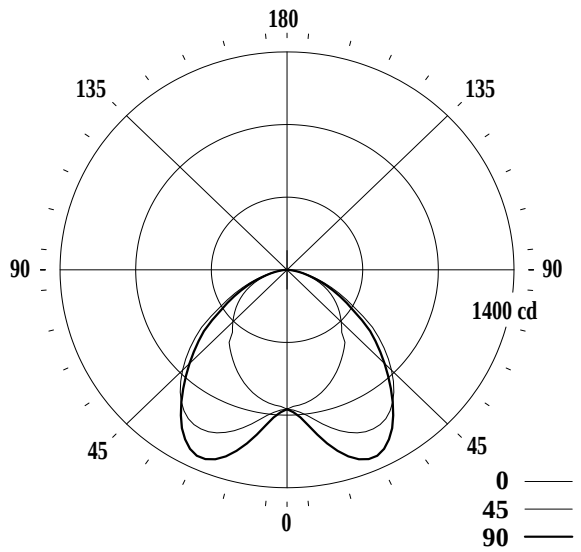
LEDALITE - TRUGROOVE RECESSED MICRO

TEST DATE:	13 Dec 2017	**CATALOG NO:**	**23x1LSEQxx04**
Lamp Type:	LED	**Description:**	SYMMETRIC 3100LM 935
No. of Lamps:	1		
Rated Lamp Lumens:	-1	**Flux (lm), Efficiency (%):**	3085 lm 100.0%
Input Watts:	120 VAC 37.0	**Up/Dn Ratio, Efficacy (lm/W):**	0% Up / 100% Dn 83.4
CIE-IES Classification:	Direct	**Report (Ele, Col, Photo):**	TGMR25 F38890Color F38890

CANDELA DISTRIBUTION

	0	22.5	45	67.5	90	Flux Lumens
0	895	895	895	895	895	
5	872	892	918	945	952	89
15	816	894	1050	1172	1204	293
25	723	878	1147	1294	1317	498
35	614	811	1107	1159	1142	616
45	473	685	912	880	851	605
55	369	479	644	602	565	486
65	252	300	353	327	313	314
75	123	136	150	140	135	150
85	27	27	30	30	29	35
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)			894.8	0.0
Direct: Peak Candela & Angle (90deg)			1317.2	25.0
Spacing Criteria (0deg, 90deg, 180deg)		1.12	1.68	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	0.1500	0.0000
UGR (4H x 8H, 0.25H)				N/A
Ballast Factor, Multiplication Factor			1.000	1.000
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	37.0	0.309	7.0	0.996
277V: P(W), I(A), THD(%), PF	36.7	0.136	14.2	0.966
347V: P(W), I(A), THD(%), PF	36.8	0.109	8.1	0.970

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	105	101	98	107	103	99	99	96	93	85
2	100	92	86	80	98	90	84	87	82	78	72
3	92	81	74	67	89	80	73	77	71	66	61
4	84	72	64	57	82	71	63	69	62	56	53
5	77	65	56	49	75	64	55	61	54	49	46
6	71	58	49	43	69	57	49	56	48	43	40
7	66	53	44	38	64	52	44	50	43	38	35
8	61	48	40	34	60	47	39	46	39	34	31
9	57	44	36	30	56	43	36	42	35	30	28
10	54	41	33	28	52	40	33	39	32	27	25

*Based on a floor reflectance of 0.2

ZONAL LUMEN SUMMARY

Zone	Lumens	%Fixture	%Lamp
0-30	881	28.5%	28.5%
0-40	1496	48.5%	48.5%
0-60	2587	83.8%	83.8%
0-90	3085	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	3085	100.0%	100.0%

AVG LUMINANCE (cd/m^2)

	0	45	90
0	16047	16047	16047
5	15703	16526	17138
15	15157	19502	22355
25	14296	22698	26064
35	13440	24244	24993
45	11988	23120	21580
55	11531	20123	17653
65	10672	14966	13286
75	8529	10373	9361
85	5453	6214	5967

LUMINAIRE SECTION

LEDALITE

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