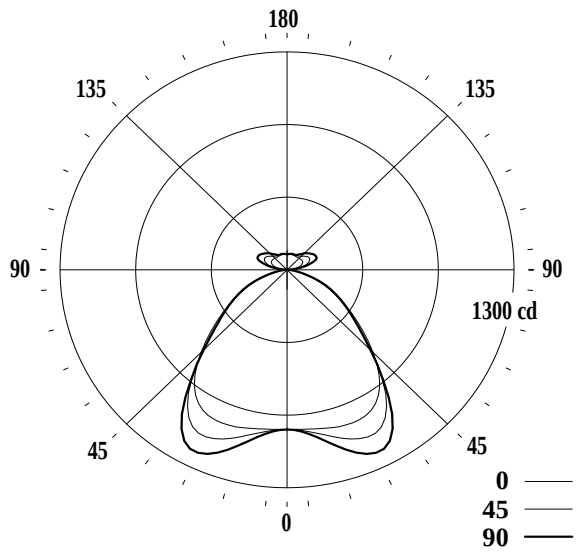
LEDALITE - SYNC

TEST DATE:	09 Jan 2019	**CATALOG NO:**	**7406LCCQG**
Lamp Type:	LED	**Description:**	SYNC 80%DN MID 830
No. of Lamps:	176		
Rated Lamp Lumens:	-1	**Flux (lm), Efficiency (%):**	3478 lm 100.0%
Input Watts:	120 VAC 39.5	**Up/Dn Ratio, Efficacy (lm/W):**	18% Up / 82% Dn 88.1
CIE-IES Classification:	Semi-Direct	**Report (Ele, Col, Photo):**	ITL88343-THD1 ITL88342-SPH S88348-1

CANDELA DISTRIBUTION

	0	22.5	45	67.5	90	Flux Lumens
0	952	952	952	952	952	
5	955	956	962	967	969	93
15	975	986	1031	1073	1086	293
25	985	1009	1099	1176	1205	503
35	913	931	994	1036	1050	610
45	697	688	681	677	676	529
55	453	443	433	433	436	395
65	269	264	266	273	277	266
75	109	111	112	115	117	123
85	19	22	23	24	24	28
90	0	0	0	0	0	
95	14	15	18	19	19	26
105	73	84	109	127	135	110
115	99	112	143	178	185	141
125	103	112	139	166	167	123
135	97	103	115	136	139	92
145	94	97	103	109	111	65
155	94	97	100	100	100	46
165	94	96	97	99	99	28
175	93	93	93	94	94	9
180	93	93	93	93	93	

POLAR CANDELA PLOT



CHARACTERISTICS

RP1	Meets RP-1-12 recommendations for VDT-Normal spaces			
Direct: Peak Candela & Angle (0deg)			987.5	22.5
Direct: Peak Candela & Angle (90deg)			1204.7	25.0
Spacing Criteria (0deg, 90deg, 180deg)		1.45	1.54	N/A
Indirect: Peak Candela & Angle			184.8	115.0
Indirect: Zenith Candela, Peak to Zenith			93.1	1.99
Luminous Length, Width, Height (ft)		3.8021	0.2917	0.0000
UGR (4H x 8H, 0.25H)				N/A
Ballast Factor, Multiplication Factor			1.000	1.349
DesignLights Consortium				N/A
x, y, CCT ,Duv	0.4338	0.4031	3045	0.0000
CRI (Ra), R9			84	10
120V: P(W), I(A), THD(%), PF	39.5	0.330	5.4	0.998
277V: P(W), I(A), THD(%), PF	38.9	0.143	8.8	0.980
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	115	115	115	115	110	110	110	101	101	101	82
1	106	101	98	94	101	97	94	90	87	85	70
2	97	89	83	78	93	86	80	80	75	71	60
3	89	79	72	66	85	76	69	71	65	61	51
4	81	70	62	56	78	68	61	63	57	52	44
5	75	63	55	49	72	61	53	57	50	45	39
6	69	57	49	43	66	55	47	51	45	40	34
7	64	52	43	38	62	50	42	47	40	35	30
8	60	47	39	34	57	46	38	43	36	32	27
9	56	43	35	30	54	42	35	39	33	29	24
10	52	40	32	27	50	39	32	36	30	26	22

*Based on a floor reflectance of 0.2

ZONAL LUMEN SUMMARY

Zone	Lumens	%Fixture	%Lamp
0-30	889	25.6%	25.6%
0-40	1499	43.1%	43.1%
0-60	2423	69.7%	69.7%
0-90	2840	81.6%	81.6%
90-130	400	11.5%	11.5%
90-150	557	16.0%	16.0%
90-180	639	18.4%	18.4%
0-180	3478	100.0%	100.0%

AVG LUMINANCE (cd/m^2)

	0	45	90
0	9241	9241	9241
5	9303	9368	9434
15	9797	10353	10909
25	10543	11771	12897
35	10818	11777	12432
45	9570	9348	9274
55	7668	7325	7371
65	6163	6101	6349
75	4096	4198	4400
85	2103	2553	2703

LUMINAIRE SECTION

LEDALITE

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