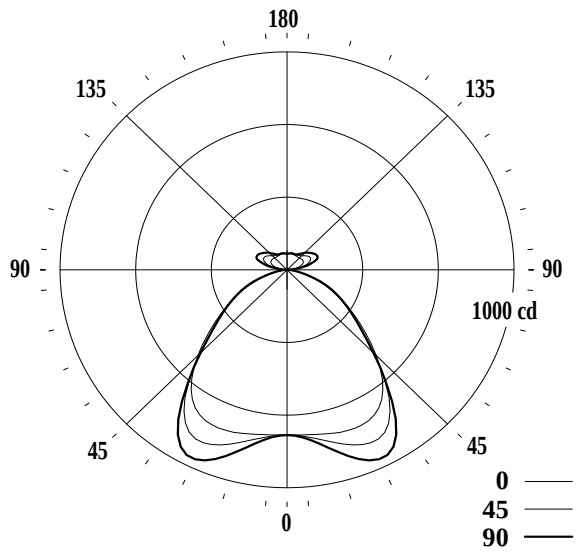
LEDALITE - VERGE

TEST DATE:	09 Jan 2019	**CATALOG NO:**	**7606LAEQG**
Lamp Type:	LED	**Description:**	VERGE 80%DN LO 840
No. of Lamps:	176		
Rated Lamp Lumens:	-1	**Flux (lm), Efficiency (%):**	2769 lm 100.0%
Input Watts:	120 VAC 28.3	**Up/Dn Ratio, Efficacy (lm/W):**	18% Up / 82% Dn 97.8
CIE-IES Classification:	Semi-Direct	**Report (Ele, Col, Photo):**	ITL88342-THD1 ITL88346-SPH S88348-6

CANDELA DISTRIBUTION

	0	22.5	45	67.5	90	Flux Lumens
0	758	758	758	758	758	
5	760	762	766	770	771	74
15	777	785	821	854	865	234
25	784	803	875	937	959	401
35	727	741	792	825	836	485
45	555	548	542	539	538	421
55	361	352	345	345	347	314
65	214	211	212	217	220	212
75	87	88	89	91	93	98
85	15	17	18	19	19	22
90	0	0	0	0	0	
95	11	12	14	15	15	21
105	58	67	87	101	107	87
115	78	89	114	142	147	112
125	82	89	111	132	133	98
135	77	82	91	109	111	73
145	75	77	82	87	88	52
155	75	77	80	80	80	36
165	75	76	77	78	78	22
175	74	74	74	75	75	7
180	74	74	74	74	74	

POLAR CANDELA PLOT



CHARACTERISTICS

RP1	Meets RP-1-12 recommendations for VDT-Normal spaces			
Direct: Peak Candela & Angle (0deg)			786.2	22.5
Direct: Peak Candela & Angle (90deg)			959.1	25.0
Spacing Criteria (0deg, 90deg, 180deg)		1.45	1.54	N/A
Indirect: Peak Candela & Angle			147.1	115.0
Indirect: Zenith Candela, Peak to Zenith			74.1	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	1.074
DesignLights Consortium				N/A
x, y, CCT ,Duv	0.3849	0.3837	3931	0.0020
CRI (Ra), R9			83	5
120V: P(W), I(A), THD(%), PF	28.3	0.237	8.0	0.994
277V: P(W), I(A), THD(%), PF	28.3	0.106	11.6	0.962
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	708	25.6%	25.6%
0-40	1193	43.1%	43.1%
0-60	1929	69.7%	69.7%
0-90	2261	81.6%	81.6%
90-130	318	11.5%	11.5%
90-150	443	16.0%	16.0%
90-180	509	18.4%	18.4%
0-180	2769	100.0%	100.0%

AVG LUMINANCE (cd/m^2)

	0	45	90
0	7357	7357	7357
5	7406	7459	7511
15	7800	8242	8685
25	8394	9371	10268
35	8613	9376	9897
45	7619	7442	7383
55	6105	5832	5868
65	4907	4858	5055
75	3261	3342	3503
85	1674	2033	2152

LUMINAIRE SECTION

LEDALITE

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