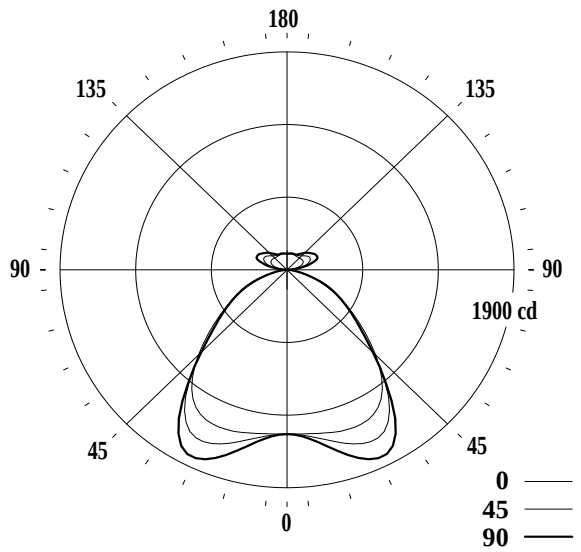
LEDALITE - VERGE

TEST DATE:	09 Jan 2019	**CATALOG NO:**	**7606LAAQG**
Lamp Type:	LED	**Description:**	VERGE 80%DN HI 840
No. of Lamps:	176		
Rated Lamp Lumens:	-1	**Flux (lm), Efficiency (%):**	5232 lm 100.0%
Input Watts:	120 VAC 56.5	**Up/Dn Ratio, Efficacy (lm/W):**	18% Up / 82% Dn 92.6
CIE-IES Classification:	Semi-Direct	**Report (Ele, Col, Photo):**	ITL88344-THD1 ITL88346-SPH S88348-8

CANDELA DISTRIBUTION

	0	22.5	45	67.5	90	Flux Lumens
0	1433	1433	1433	1433	1433	
5	1437	1439	1447	1455	1457	139
15	1467	1483	1550	1613	1633	441
25	1481	1518	1654	1769	1812	757
35	1374	1400	1495	1558	1579	917
45	1049	1035	1025	1019	1017	796
55	682	666	651	651	655	594
65	404	398	400	410	416	400
75	164	166	168	173	177	185
85	28	33	35	37	37	42
90	0	0	0	0	0	
95	20	22	26	28	28	39
105	110	126	164	191	203	165
115	148	168	215	268	278	212
125	154	168	209	250	252	185
135	146	154	173	205	209	138
145	142	146	154	164	166	98
155	142	146	150	150	150	69
165	142	144	146	148	148	41
175	140	140	140	142	142	14
180	140	140	140	140	140	

POLAR CANDELA PLOT



CHARACTERISTICS

RP1				None
Direct: Peak Candela & Angle (0deg)			1485.2	22.5
Direct: Peak Candela & Angle (90deg)			1811.9	25.0
Spacing Criteria (0deg, 90deg, 180deg)		1.45	1.54	N/A
Indirect: Peak Candela & Angle			278.0	115.0
Indirect: Zenith Candela, Peak to Zenith			140.0	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	2.029
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	56.5	0.473	9.4	0.995
277V: P(W), I(A), THD(%), PF	56.0	0.205	10.2	0.987
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	1337	25.6%	25.6%
0-40	2254	43.1%	43.1%
0-60	3644	69.7%	69.7%
0-90	4271	81.6%	81.6%
90-130	601	11.5%	11.5%
90-150	837	16.0%	16.0%
90-180	961	18.4%	18.4%
0-180	5232	100.0%	100.0%

AVG LUMINANCE (cd/m^2)

	0	45	90
0	13899	13899	13899
5	13992	14091	14189
15	14736	15572	16407
25	15857	17704	19398
35	16271	17713	18698
45	14394	14060	13949
55	11533	11018	11087
65	9270	9177	9550
75	6161	6313	6618
85	3162	3840	4066

LUMINAIRE SECTION

LEDALITE

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