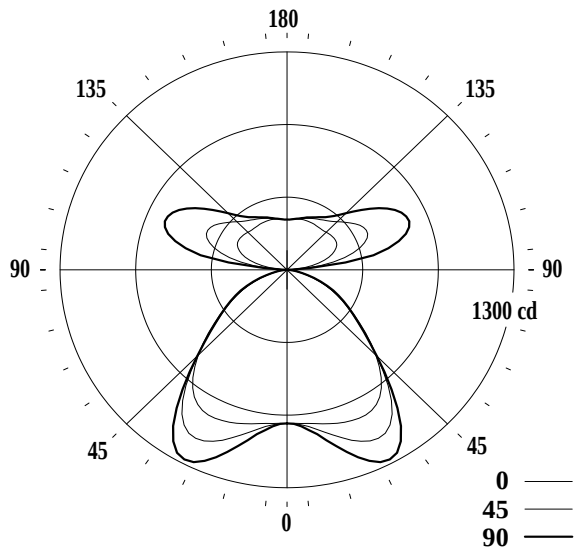
LEDALITE - VERGE

TEST DATE:	09 Jan 2019	**CATALOG NO:**	**7606LCAQD**
Lamp Type:	LED	**Description:**	VERGE 60%DN HI 830
No. of Lamps:	176		
Rated Lamp Lumens:	-1	**Flux (lm), Efficiency (%):**	5265 lm 100.0%
Input Watts:	120 VAC 56.9	**Up/Dn Ratio, Efficacy (lm/W):**	44% Up / 56% Dn 92.5
CIE-IES Classification:	Direct-Indirect	**Report (Ele, Col, Photo):**	ITL88344-THD1 ITL88342-SPH S88347-2

CANDELA DISTRIBUTION

	0	22.5	45	67.5	90	Flux Lumens
0	916	916	916	916	916	
5	920	922	928	933	937	90
15	950	965	1020	1071	1088	291
25	977	1013	1126	1228	1266	516
35	926	958	1050	1115	1137	641
45	720	716	725	727	727	560
55	470	459	455	459	463	415
65	278	276	280	287	293	279
75	113	117	119	123	123	130
85	21	23	25	26	26	30
90	0	0	0	0	0	
95	51	64	95	127	140	128
105	221	276	393	559	663	431
115	310	370	510	669	754	510
125	329	376	478	593	642	433
135	317	348	406	461	478	314
145	312	327	363	384	384	224
155	314	319	338	348	346	155
165	312	312	317	319	319	90
175	302	302	302	302	302	29
180	300	300	300	300	300	

POLAR CANDELA PLOT



CHARACTERISTICS

RP1	Meets RP-1-12 recommendations for VDT-Normal spaces			
Direct: Peak Candela & Angle (0deg)			976.6	25.0
Direct: Peak Candela & Angle (90deg)			1275.1	27.5
Spacing Criteria (0deg, 90deg, 180deg)		1.50	1.62	N/A
Indirect: Peak Candela & Angle			757.5	112.5
Indirect: Zenith Candela, Peak to Zenith			300.4	2.52
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	1.889
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	56.9	0.477	9.4	0.995
277V: P(W), I(A), THD(%), PF	56.4	0.206	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	109	109	109	109	101	101	101	87	87	87	56
1	100	95	92	88	93	89	86	77	74	72	48
2	91	84	78	73	84	78	73	68	64	60	41
3	83	74	67	61	77	69	63	60	55	51	35
4	76	66	58	52	71	61	55	54	48	44	30
5	70	59	51	45	65	55	48	48	42	38	26
6	65	53	45	39	60	49	42	43	37	33	23
7	60	48	40	34	56	45	38	39	33	29	21
8	55	43	35	30	52	41	34	36	30	26	18
9	52	39	32	27	48	37	30	33	27	23	17
10	48	36	29	24	45	34	27	30	25	21	15

*Based on a floor reflectance of 0.2

ZONAL LUMEN SUMMARY

Zone	Lumens	%Fixture	%Lamp
0-30	896	17.0%	17.0%
0-40	1538	29.2%	29.2%
0-60	2513	47.7%	47.7%
0-90	2952	56.1%	56.1%
90-130	1501	28.5%	28.5%
90-150	2040	38.7%	38.7%
90-180	2313	43.9%	43.9%
0-180	5265	100.0%	100.0%

AVG LUMINANCE (cd/m^2)

	0	45	90
0	8889	8889	8889
5	8960	9034	9126
15	9545	10247	10930
25	10456	12053	13550
35	10964	12441	13470
45	9876	9954	9980
55	7957	7701	7829
65	6375	6419	6722
75	4249	4461	4603
85	2313	2734	2944

LUMINAIRE SECTION

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