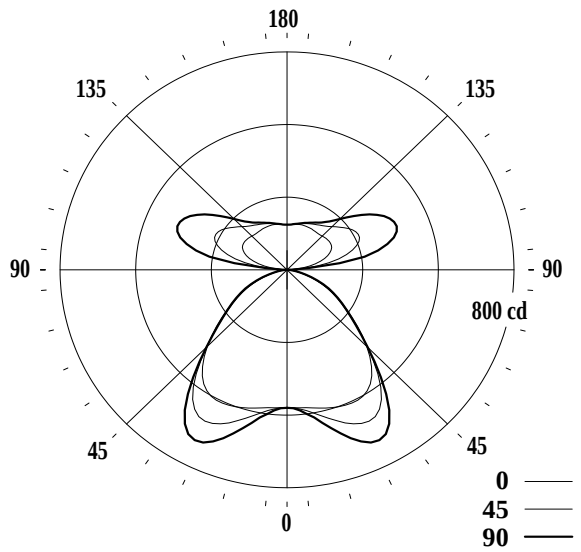
LEDALITE - VERGE

TEST DATE:	09 Jan 2019	**CATALOG NO:**	**7606LBEQD**
Lamp Type:	LED	**Description:**	VERGE 60%DN LO 835
No. of Lamps:	176		
Rated Lamp Lumens:	-1	**Flux (lm), Efficiency (%):**	2910 lm 100.0%
Input Watts:	120 VAC 28.4	**Up/Dn Ratio, Efficacy (lm/W):**	44% Up / 56% Dn 102.5
CIE-IES Classification:	Direct-Indirect	**Report (Ele, Col, Photo):**	ITL88342-THD1 ITL88345-SPH S88347-3

CANDELA DISTRIBUTION

	0	22.5	45	67.5	90	Flux Lumens
0	506	506	506	506	506	
5	508	510	513	516	518	50
15	525	534	564	592	601	161
25	540	560	622	679	700	285
35	512	529	581	616	629	355
45	398	396	401	402	402	310
55	260	254	252	254	256	230
65	154	152	155	159	162	154
75	63	65	66	68	68	72
85	12	13	14	15	15	16
90	0	0	0	0	0	
95	28	36	52	70	77	71
105	122	152	217	309	366	238
115	171	205	282	370	417	282
125	182	208	264	328	355	239
135	175	192	225	255	264	174
145	172	181	200	212	212	124
155	173	176	187	192	191	86
165	172	172	175	176	176	50
175	167	167	167	167	167	16
180	166	166	166	166	166	

POLAR CANDELA PLOT



CHARACTERISTICS

RP1	Meets RP-1-12 recommendations for VDT-Critical spaces			
Direct: Peak Candela & Angle (0deg)			539.7	25.0
Direct: Peak Candela & Angle (90deg)			704.7	27.5
Spacing Criteria (0deg, 90deg, 180deg)		1.50	1.62	N/A
Indirect: Peak Candela & Angle			418.6	112.5
Indirect: Zenith Candela, Peak to Zenith			166.0	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	1.044
DesignLights Consortium				N/A
x, y, CCT ,Duv	0.4167	0.3968	3312	0.0000
CRI (Ra), R9			82	-1
120V: P(W), I(A), THD(%), PF	28.4	0.238	8.0	0.994
277V: P(W), I(A), THD(%), PF	28.4	0.107	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	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	495	17.0%	17.0%
0-40	850	29.2%	29.2%
0-60	1389	47.7%	47.7%
0-90	1631	56.1%	56.1%
90-130	830	28.5%	28.5%
90-150	1127	38.7%	38.7%
90-180	1279	43.9%	43.9%
0-180	2910	100.0%	100.0%

AVG LUMINANCE (cd/m^2)

	0	45	90
0	4913	4913	4913
5	4952	4993	5044
15	5275	5663	6041
25	5779	6662	7489
35	6059	6876	7445
45	5458	5501	5515
55	4398	4256	4327
65	3523	3547	3715
75	2348	2466	2544
85	1278	1511	1627

LUMINAIRE SECTION

LEDALITE

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