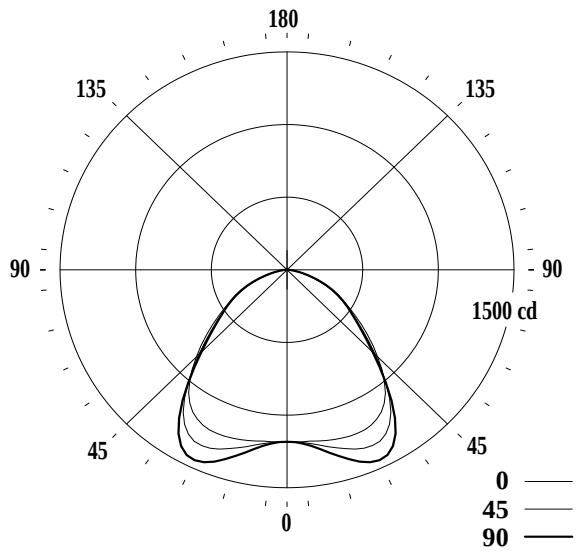
LEDALITE - VERGE

TEST DATE:	09 Jan 2019	**CATALOG NO:**	**7606LBCQJ**
Lamp Type:	LED	**Description:**	VERGE 100%DN MID 835
No. of Lamps:	176		
Rated Lamp Lumens:	-1	**Flux (lm), Efficiency (%):**	3462 lm 100.0%
Input Watts:	120 VAC 39.4	**Up/Dn Ratio, Efficacy (lm/W):**	0% Up / 100% Dn 87.9
CIE-IES Classification:	Direct	**Report (Ele, Col, Photo):**	ITL88343-THD1 ITL88345-SPH S88349-4

CANDELA DISTRIBUTION

	0	22.5	45	67.5	90	Flux Lumens
0	1184	1184	1184	1184	1184	
5	1188	1188	1193	1199	1201	115
15	1209	1219	1268	1315	1327	361
25	1215	1237	1334	1416	1446	611
35	1120	1134	1196	1239	1244	735
45	847	836	824	810	802	639
55	551	540	524	520	520	478
65	327	323	324	328	335	322
75	135	137	138	141	142	151
85	25	27	30	30	30	35
90	0	0	0	0	0	
95	1	1	1	1	0	1
105	1	3	3	4	1	3
115	3	3	4	3	3	3
125	3	4	3	3	3	3
135	3	3	3	4	4	2
145	3	3	3	4	4	2
155	3	3	3	3	4	1
165	3	3	3	1	3	1
175	1	1	1	1	1	0
180	1	1	1	1	1	

POLAR CANDELA PLOT



CHARACTERISTICS

RP1				None
Direct: Peak Candela & Angle (0deg)			1217.4	20.0
Direct: Peak Candela & Angle (90deg)			1445.6	25.0
Spacing Criteria (0deg, 90deg, 180deg)		1.44	1.50	N/A
Indirect: Peak Candela & Angle			4.2	132.5
Indirect: Zenith Candela, Peak to Zenith			1.4	3.00
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	1.409
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	39.4	0.329	5.4	0.998
277V: P(W), I(A), THD(%), PF	38.8	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	119	119	119	119	116	116	116	111	111	111	100
1	110	106	102	98	107	103	100	99	96	93	86
2	101	93	87	82	98	91	86	88	83	79	73
3	92	83	75	69	90	81	74	78	72	67	63
4	85	74	66	59	83	72	65	70	63	58	54
5	78	66	58	51	76	65	57	63	56	51	47
6	73	60	51	45	71	59	51	57	50	45	42
7	67	54	46	40	66	54	46	52	45	40	37
8	63	50	42	36	61	49	41	48	41	36	33
9	59	46	38	32	57	45	38	44	37	32	30
10	55	42	35	29	54	42	34	41	34	29	27

*Based on a floor reflectance of 0.2

ZONAL LUMEN SUMMARY

Zone	Lumens	%Fixture	%Lamp
0-30	1086	31.4%	31.4%
0-40	1821	52.6%	52.6%
0-60	2937	84.8%	84.8%
0-90	3445	99.5%	99.5%
90-130	10	0.3%	0.3%
90-150	15	0.4%	0.4%
90-180	17	0.5%	0.5%
0-180	3462	100.0%	100.0%

AVG LUMINANCE (cd/m^2)

	0	45	90
0	11484	11484	11484
5	11569	11624	11693
15	12144	12738	13333
25	13003	14285	15477
35	13268	14170	14737
45	11620	11311	11001
55	9320	8867	8795
65	7505	7440	7699
75	5071	5177	5335
85	2824	3294	3294

LUMINAIRE SECTION

LEDALITE

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