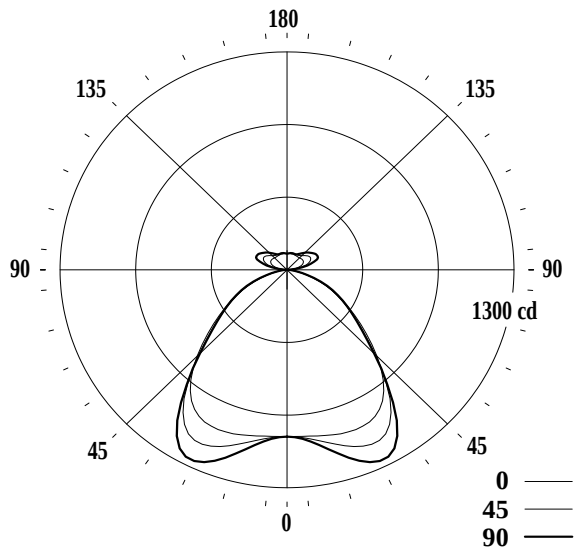
LEDALITE - VERGE

TEST DATE:	09 Jan 2019	**CATALOG NO:**	**7606LBCQG**
Lamp Type:	LED	**Description:**	VERGE 80%DN MID 835
No. of Lamps:	176		
Rated Lamp Lumens:	-1	**Flux (lm), Efficiency (%):**	3633 lm 100.0%
Input Watts:	120 VAC 39.4	**Up/Dn Ratio, Efficacy (lm/W):**	18% Up / 82% Dn 92.2
CIE-IES Classification:	Semi-Direct	**Report (Ele, Col, Photo):**	ITL88343-THD1 ITL88345-SPH S88348-4

CANDELA DISTRIBUTION

	0	22.5	45	67.5	90	Flux Lumens
0	995	995	995	995	995	
5	998	999	1005	1010	1012	97
15	1019	1030	1077	1120	1134	306
25	1029	1054	1148	1229	1258	526
35	954	972	1038	1082	1096	637
45	729	719	712	707	706	553
55	473	462	452	452	455	413
65	280	276	278	285	289	278
75	114	116	117	120	123	129
85	20	23	24	25	25	29
90	0	0	0	0	0	
95	14	16	18	20	20	27
105	76	87	114	132	141	115
115	103	117	149	186	193	147
125	107	117	145	173	175	129
135	101	107	120	142	145	96
145	99	101	107	114	116	68
155	99	101	104	104	104	48
165	99	100	101	103	103	29
175	97	97	97	99	99	9
180	97	97	97	97	97	

POLAR CANDELA PLOT



CHARACTERISTICS

RP1	Meets RP-1-12 recommendations for VDT-Normal spaces			
Direct: Peak Candela & Angle (0deg)			1031.4	22.5
Direct: Peak Candela & Angle (90deg)			1258.2	25.0
Spacing Criteria (0deg, 90deg, 180deg)		1.45	1.54	N/A
Indirect: Peak Candela & Angle			193.0	115.0
Indirect: Zenith Candela, Peak to Zenith			97.2	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	1.409
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	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	929	25.6%	25.6%
0-40	1566	43.1%	43.1%
0-60	2531	69.7%	69.7%
0-90	2966	81.6%	81.6%
90-130	418	11.5%	11.5%
90-150	581	16.0%	16.0%
90-180	667	18.4%	18.4%
0-180	3633	100.0%	100.0%

AVG LUMINANCE (cd/m^2)

	0	45	90
0	9652	9652	9652
5	9716	9785	9854
15	10233	10813	11394
25	11012	12294	13471
35	11299	12300	12985
45	9996	9764	9687
55	8009	7651	7699
65	6438	6373	6632
75	4279	4384	4596
85	2196	2667	2824

LUMINAIRE SECTION

LEDALITE

Ledalite
19750 - 92A Avenue
Langley, BC
CANADA V1M 3B2
Phone: 604-888-6811
Fax: 800-665-5332
604-888-2003