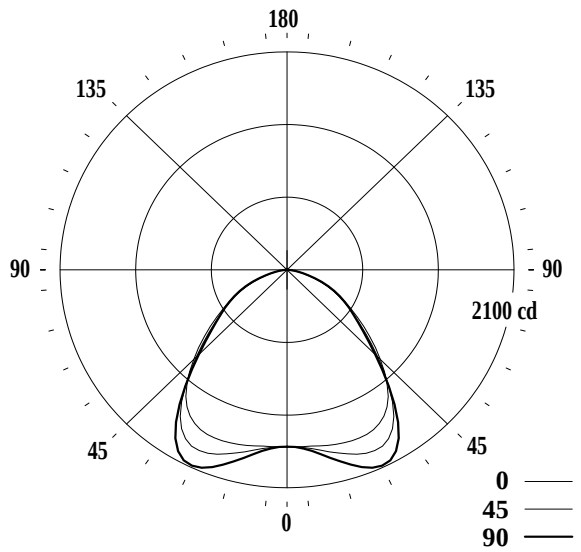
LEDALITE - VERGE

TEST DATE:	09 Jan 2019	**CATALOG NO:**	**7606LAAQJ**
Lamp Type:	LED	**Description:**	VERGE 100%DN HI 840
No. of Lamps:	176		
Rated Lamp Lumens:	-1	**Flux (lm), Efficiency (%):**	4985 lm 100.0%
Input Watts:	120 VAC 56.5	**Up/Dn Ratio, Efficacy (lm/W):**	0% Up / 100% Dn 88.2
CIE-IES Classification:	Direct	**Report (Ele, Col, Photo):**	ITL88344-THD1 ITL88346-SPH S88349-8

CANDELA DISTRIBUTION

	0	22.5	45	67.5	90	Flux Lumens
0	1704	1704	1704	1704	1704	
5	1710	1710	1719	1727	1729	165
15	1741	1755	1826	1893	1911	519
25	1749	1782	1922	2039	2082	880
35	1613	1633	1723	1784	1792	1058
45	1219	1203	1187	1167	1155	920
55	793	777	755	749	749	688
65	471	465	467	473	483	464
75	195	197	199	203	205	217
85	37	39	43	43	43	50
90	0	0	0	0	0	
95	2	2	2	2	0	2
105	2	4	4	6	2	4
115	4	4	6	4	4	5
125	4	6	4	4	4	4
135	4	4	4	6	6	4
145	4	4	4	6	6	3
155	4	4	4	4	6	2
165	4	4	4	2	4	1
175	2	2	2	2	2	0
180	2	2	2	2	2	

POLAR CANDELA PLOT



CHARACTERISTICS

RP1				None
Direct: Peak Candela & Angle (0deg)			1753.1	20.0
Direct: Peak Candela & Angle (90deg)			2081.8	25.0
Spacing Criteria (0deg, 90deg, 180deg)		1.44	1.50	N/A
Indirect: Peak Candela & Angle			6.1	132.5
Indirect: Zenith Candela, Peak to Zenith			2.0	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	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	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	1564	31.4%	31.4%
0-40	2622	52.6%	52.6%
0-60	4230	84.8%	84.8%
0-90	4961	99.5%	99.5%
90-130	15	0.3%	0.3%
90-150	21	0.4%	0.4%
90-180	24	0.5%	0.5%
0-180	4985	100.0%	100.0%

AVG LUMINANCE (cd/m^2)

	0	45	90
0	16537	16537	16537
5	16660	16739	16838
15	17488	18344	19200
25	18725	20571	22287
35	19107	20405	21222
45	16733	16288	15842
55	13421	12768	12665
65	10807	10714	11087
75	7302	7454	7683
85	4066	4744	4744

LUMINAIRE SECTION

LEDALITE

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