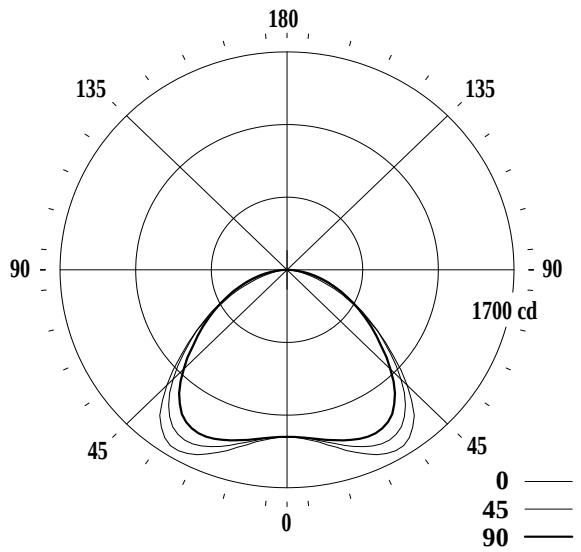
LEDALITE - VECTRA 2'X2' - RECESSED

TEST DATE:	04 Jan 2012	**CATALOG NO:**	**9722DxxxLB44**
Lamp Type:	LED	**Description:**	VECTRA 2X2 HI 3500K
No. of Lamps:	176		
Rated Lamp Lumens:	-1	**Flux (lm), Efficiency (%):**	4608 lm 100.0%
Input Watts:	120 VAC 55.3	**Up/Dn Ratio, Efficacy (lm/W):**	0% Up / 100% Dn 83.3
CIE-IES Classification:	Direct	**Report (Ele, Col, Photo):**	N/A ITL70685 ITL70663

CANDELA DISTRIBUTION

	0	22.5	45	67.5	90	Flux Lumens
0	1303	1303	1303	1303	1303	
5	1320	1315	1316	1312	1313	127
15	1432	1424	1403	1384	1375	400
25	1591	1566	1516	1458	1436	699
35	1598	1572	1494	1408	1374	925
45	1273	1259	1207	1132	1093	920
55	825	835	827	796	768	728
65	458	474	493	499	492	485
75	187	212	241	263	268	253
85	37	53	66	75	75	72
90	0	0	0	0	0	
95	0	0	0	0	0	0
105	0	0	0	0	0	0
115	0	0	0	0	0	0
125	0	0	0	0	0	0
135	0	0	0	0	0	0
145	0	0	0	0	0	0
155	0	0	0	0	0	0
165	0	0	0	0	0	0
175	0	0	0	0	0	0
180	0	0	0	0	0	

POLAR CANDELA PLOT



CHARACTERISTICS

RP1				None
Direct: Peak Candela & Angle (0deg)			1629.0	30.0
Direct: Peak Candela & Angle (90deg)			1437.0	27.5
Spacing Criteria (0deg, 90deg, 180deg)		1.70	1.55	N/A
Indirect: Peak Candela & Angle			N/A	N/A
Indirect: Zenith Candela, Peak to Zenith			N/A	N/A
Luminous Length, Width, Height (ft)		1.8542	1.8125	0.0000
UGR (4H x 8H, 0.25H)				N/A
Ballast Factor, Multiplication Factor			1.000	1.000
DesignLights Consortium				N/A
x, y, CCT ,Duv	0.4108	0.4017	3470	0.0040
CRI (Ra), R9			83	22
120V: P(W), I(A), THD(%), PF	N/A	N/A	N/A	N/A
277V: P(W), I(A), THD(%), PF	N/A	N/A	N/A	N/A
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	109	105	100	97	106	102	99	98	95	92	85
2	100	92	85	79	97	90	84	86	81	77	71
3	91	81	73	66	88	79	72	76	70	64	60
4	83	71	63	56	81	70	62	68	61	55	51
5	76	64	55	48	74	63	54	61	53	47	44
6	71	57	48	42	69	56	48	55	47	41	39
7	65	52	43	37	64	51	43	49	42	37	34
8	61	47	39	33	59	46	38	45	38	32	30
9	57	43	35	29	55	43	35	41	34	29	27
10	53	40	32	26	52	39	32	38	31	26	24

*Based on a floor reflectance of 0.2

ZONAL LUMEN SUMMARY

Zone	Lumens	%Fixture	%Lamp
0-30	1225	26.6%	26.6%
0-40	2151	46.7%	46.7%
0-60	3799	82.4%	82.4%
0-90	4608	100.0%	100.0%
90-130	0	0.0%	0.0%
90-150	0	0.0%	0.0%
90-180	0	0.0%	0.0%
0-180	4608	100.0%	100.0%

AVG LUMINANCE (cd/m^2)

	0	45	90
0	4172	4172	4172
5	4242	4230	4220
15	4747	4650	4558
25	5621	5356	5073
35	6246	5839	5370
45	5764	5465	4949
55	4605	4616	4287
65	3470	3735	3727
75	2313	2981	3315
85	1359	2425	2755

LUMINAIRE SECTION

LEDALITE

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