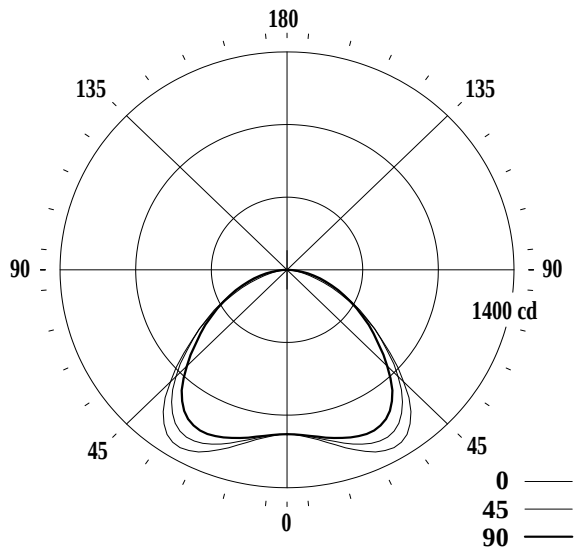
LEDALITE - VECTRA 2'X2' - RECESSED

TEST DATE:	04 Jan 2012	**CATALOG NO:**	**9722DxxxLB36**
Lamp Type:	LED	**Description:**	VECTRA 2X2 LO 3500K
No. of Lamps:	176		
Rated Lamp Lumens:	-1	**Flux (lm), Efficiency (%):**	3692 lm 100.0%
Input Watts:	120 VAC 43.0	**Up/Dn Ratio, Efficacy (lm/W):**	0% Up / 100% Dn 85.9
CIE-IES Classification:	Direct	**Report (Ele, Col, Photo):**	N/A ITL70686 ITL70664

CANDELA DISTRIBUTION

	0	22.5	45	67.5	90	Flux Lumens
0	1056	1056	1056	1056	1056	
5	1071	1068	1067	1065	1065	103
15	1164	1157	1141	1124	1118	325
25	1291	1272	1230	1181	1163	567
35	1291	1269	1203	1133	1106	746
45	1017	1008	969	903	874	737
55	660	664	660	631	615	580
65	359	373	391	395	389	384
75	146	165	191	207	211	198
85	28	38	50	55	56	54
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)			1319.0	30.0
Direct: Peak Candela & Angle (90deg)			1163.0	25.0
Spacing Criteria (0deg, 90deg, 180deg)		1.69	1.54	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	0.4109	0.4023	3472	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	101	97	107	102	99	98	95	92	85
2	100	92	85	80	97	90	84	86	81	77	71
3	91	81	73	66	89	79	72	76	70	65	60
4	83	72	63	56	81	70	62	68	61	55	52
5	77	64	55	49	75	63	55	61	53	48	45
6	71	58	49	42	69	57	48	55	47	42	39
7	65	52	43	37	64	51	43	50	42	37	34
8	61	47	39	33	59	47	39	45	38	33	30
9	57	43	35	30	55	43	35	42	34	29	27
10	53	40	32	27	52	39	32	38	31	27	25

*Based on a floor reflectance of 0.2

ZONAL LUMEN SUMMARY

Zone	Lumens	%Fixture	%Lamp
0-30	995	26.9%	26.9%
0-40	1740	47.1%	47.1%
0-60	3057	82.8%	82.8%
0-90	3692	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	3692	100.0%	100.0%

AVG LUMINANCE (cd/m^2)

	0	45	90
0	3381	3381	3381
5	3442	3429	3423
15	3858	3782	3706
25	4561	4345	4109
35	5046	4702	4323
45	4605	4388	3957
55	3684	3684	3433
65	2720	2962	2947
75	1806	2363	2610
85	1029	1837	2057

LUMINAIRE SECTION

LEDALITE

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