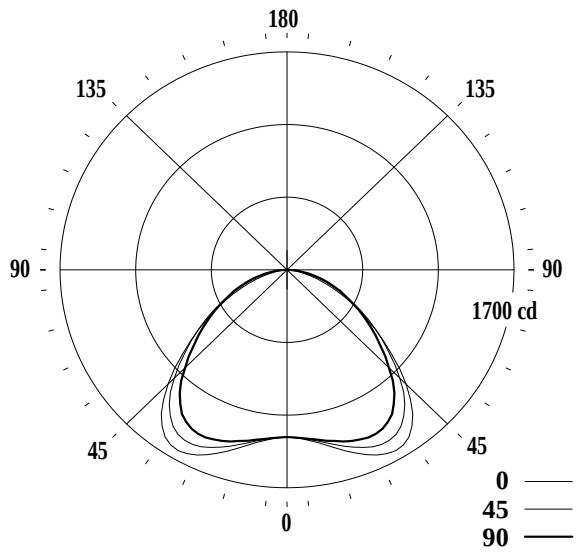
LEDALITE - VECTRA 2'X2' - RECESSED

TEST DATE:	12 Dec 2011	**CATALOG NO:**	**9722DxxxLA44**
Lamp Type:	LED	**Description:**	VECTRA 2X2 HI 4000K
No. of Lamps:	176		
Rated Lamp Lumens:	-1	**Flux (lm), Efficiency (%):**	4571 lm 100.0%
Input Watts:	120 VAC 55.1	**Up/Dn Ratio, Efficacy (lm/W):**	0% Up / 100% Dn 83.0
CIE-IES Classification:	Direct	**Report (Ele, Col, Photo):**	N/A ITL70683 ITL70661

CANDELA DISTRIBUTION

	0	22.5	45	67.5	90	Flux Lumens
0	1304	1304	1304	1304	1304	
5	1324	1320	1320	1316	1318	127
15	1442	1432	1412	1392	1382	402
25	1594	1571	1523	1465	1443	701
35	1592	1568	1489	1405	1373	922
45	1261	1246	1193	1117	1079	910
55	808	822	810	784	757	716
65	444	466	484	492	481	476
75	185	208	238	260	264	247
85	33	50	64	71	72	69
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)			1443.0	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	0.3837	0.3866	3985	0.0040
CRI (Ra), R9			83	24
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	54	61	53	48	45
6	71	57	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	26	24

*Based on a floor reflectance of 0.2

ZONAL LUMEN SUMMARY

Zone	Lumens	%Fixture	%Lamp
0-30	1231	26.9%	26.9%
0-40	2153	47.1%	47.1%
0-60	3779	82.7%	82.7%
0-90	4571	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	4571	100.0%	100.0%

AVG LUMINANCE (cd/m^2)

	0	45	90
0	4175	4175	4175
5	4255	4242	4236
15	4780	4680	4581
25	5631	5380	5098
35	6222	5820	5367
45	5710	5402	4886
55	4510	4521	4226
65	3364	3667	3644
75	2289	2944	3266
85	1212	2351	2645

LUMINAIRE SECTION

LEDALITE

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