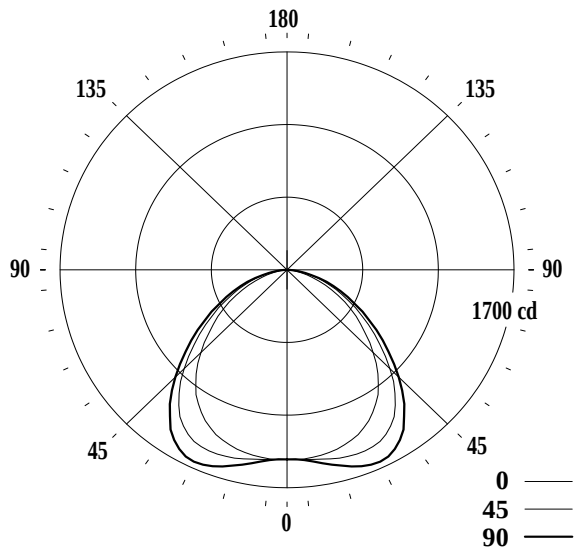
LEDALITE - VECTRA 1'X4' - RECESSED

TEST DATE:	09 Jan 2012	**CATALOG NO:**	**9714DxxxLC44**
Lamp Type:	LED	**Description:**	VECTRA 1X4 HI 3000K
No. of Lamps:	176		
Rated Lamp Lumens:	-1	**Flux (lm), Efficiency (%):**	4344 lm 100.0%
Input Watts:	120 VAC 54.9	**Up/Dn Ratio, Efficacy (lm/W):**	0% Up / 100% Dn 79.1
CIE-IES Classification:	Direct	**Report (Ele, Col, Photo):**	N/A ITL70687 ITL70671

CANDELA DISTRIBUTION

	0	22.5	45	67.5	90	Flux Lumens
0	1479	1479	1479	1479	1479	
5	1481	1482	1485	1485	1490	142
15	1448	1468	1521	1560	1581	430
25	1359	1419	1522	1613	1651	697
35	1189	1266	1399	1486	1521	855
45	912	978	1089	1160	1183	824
55	632	669	744	803	817	659
65	368	402	451	491	501	444
75	157	195	232	251	246	232
85	30	49	56	56	54	60
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)			1483.0	2.5
Direct: Peak Candela & Angle (90deg)			1651.0	25.0
Spacing Criteria (0deg, 90deg, 180deg)		1.28	1.51	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)		3.8438	0.8125	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	0.4356	0.4103	3071	0.0030
CRI (Ra), R9			83	20
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	103	99	98	95	93	85
2	100	92	86	80	97	90	84	87	82	77	72
3	91	81	73	67	89	80	72	77	71	65	61
4	84	72	64	57	82	71	63	69	62	56	53
5	77	65	56	50	75	64	55	62	54	49	46
6	71	58	50	43	70	57	49	56	48	43	40
7	66	53	44	38	65	52	44	51	43	38	35
8	62	48	40	34	60	48	40	46	39	34	32
9	58	44	36	31	56	44	36	43	36	31	28
10	54	41	33	28	53	40	33	39	33	28	26

*Based on a floor reflectance of 0.2

ZONAL LUMEN SUMMARY

Zone	Lumens	%Fixture	%Lamp
0-30	1269	29.2%	29.2%
0-40	2124	48.9%	48.9%
0-60	3607	83.0%	83.0%
0-90	4344	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	4344	100.0%	100.0%

AVG LUMINANCE (cd/m^2)

	0	45	90
0	5096	5096	5096
5	5122	5136	5153
15	5165	5425	5639
25	5166	5786	6276
35	5001	5884	6397
45	4444	5306	5764
55	3796	4469	4908
65	3000	3677	4084
75	2090	3088	3275
85	1186	2214	2135

LUMINAIRE SECTION

LEDALITE

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