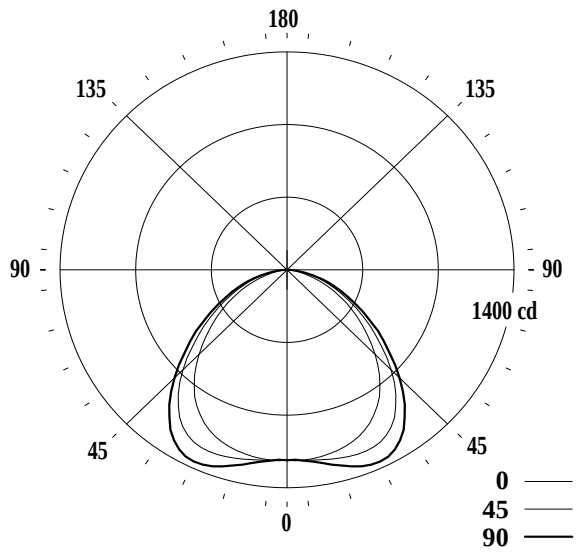
LEDALITE - VECTRA 1'X4' - RECESSED

TEST DATE:	14 Dec 2011	**CATALOG NO:**	**9714DxxxLA36**
Lamp Type:	LED	**Description:**	VECTRA 1X4 LO 4000K
No. of Lamps:	176		
Rated Lamp Lumens:	-1	**Flux (lm), Efficiency (%):**	3623 lm 100.0%
Input Watts:	120 VAC 43.3	**Up/Dn Ratio, Efficacy (lm/W):**	0% Up / 100% Dn 83.7
CIE-IES Classification:	Direct	**Report (Ele, Col, Photo):**	N/A ITL70684 ITL70668

CANDELA DISTRIBUTION

	0	22.5	45	67.5	90	Flux Lumens
0	1223	1223	1223	1223	1223	
5	1226	1227	1228	1227	1231	118
15	1202	1218	1252	1284	1301	355
25	1135	1175	1258	1330	1359	577
35	994	1054	1156	1228	1254	709
45	768	820	907	963	981	687
55	530	563	624	675	686	552
65	316	338	379	412	416	374
75	135	166	194	214	215	199
85	27	44	52	50	50	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)		1228.0	2.5
Direct: Peak Candela & Angle (90deg)		1359.0	25.0
Spacing Criteria (0deg, 90deg, 180deg)	1.29	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	0.3825	0.3860	4012	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	103	99	98	95	92	85
2	100	92	85	80	97	90	84	87	81	77	72
3	91	81	73	67	89	80	72	77	70	65	61
4	84	72	64	57	82	71	63	68	61	56	52
5	77	65	56	49	75	63	55	61	54	49	45
6	71	58	49	43	69	57	49	55	48	43	40
7	66	53	44	38	64	52	44	50	43	38	35
8	62	48	40	34	60	48	40	46	39	34	31
9	57	44	36	31	56	44	36	42	35	30	28
10	54	41	33	28	53	40	33	39	32	28	26

*Based on a floor reflectance of 0.2

ZONAL LUMEN SUMMARY

Zone	Lumens	%Fixture	%Lamp
0-30	1049	28.9%	28.9%
0-40	1758	48.5%	48.5%
0-60	2997	82.7%	82.7%
0-90	3623	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	3623	100.0%	100.0%

AVG LUMINANCE (cd/m^2)

	0	45	90
0	4214	4214	4214
5	4240	4247	4257
15	4287	4466	4641
25	4315	4782	5166
35	4181	4862	5274
45	3742	4419	4780
55	3184	3748	4121
65	2576	3090	3391
75	1797	2582	2862
85	1067	2056	1977

LUMINAIRE SECTION

LEDALITE

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