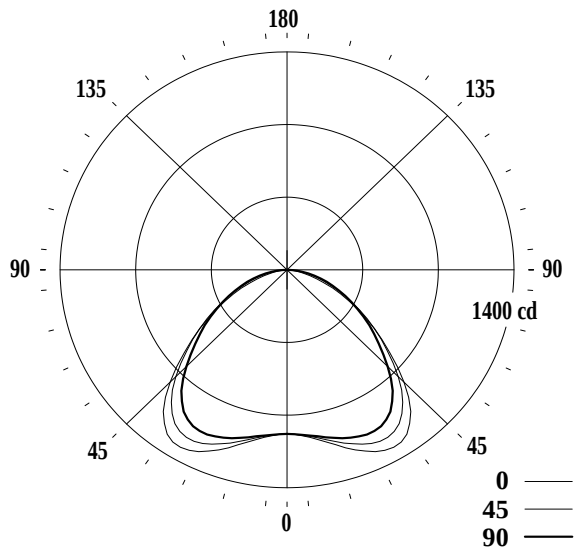
LEDALITE - PUREFX 2'X2' - RECESSED

TEST DATE:	13 Dec 2011	**CATALOG NO:**	**9422DxxxLA36**
Lamp Type:	LED	**Description:**	PUREFX 2X2 LO 4000K
No. of Lamps:	176		
Rated Lamp Lumens:	-1	**Flux (lm), Efficiency (%):**	3705 lm 100.0%
Input Watts:	120 VAC 43.1	**Up/Dn Ratio, Efficacy (lm/W):**	0% Up / 100% Dn 86.0
CIE-IES Classification:	Direct	**Report (Ele, Col, Photo):**	N/A ITL70684 ITL70662

CANDELA DISTRIBUTION

	0	22.5	45	67.5	90	Flux Lumens
0	1054	1054	1054	1054	1054	
5	1070	1067	1067	1063	1064	103
15	1163	1157	1141	1123	1117	325
25	1289	1270	1231	1185	1167	567
35	1289	1268	1206	1139	1112	747
45	1020	1008	970	905	878	738
55	659	664	657	636	620	582
65	364	378	394	400	396	387
75	148	169	193	211	215	201
85	28	41	53	60	60	57
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)			1316.0	30.0
Direct: Peak Candela & Angle (90deg)			1167.0	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	0.3825	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	102	99	98	95	92	85
2	100	92	85	79	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	48	74	63	54	61	53	48	45
6	71	57	49	42	69	56	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	995	26.8%	26.8%
0-40	1742	47.0%	47.0%
0-60	3061	82.6%	82.6%
0-90	3705	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	3705	100.0%	100.0%

AVG LUMINANCE (cd/m^2)

	0	45	90
0	3375	3375	3375
5	3439	3429	3420
15	3855	3782	3702
25	4554	4349	4123
35	5038	4714	4346
45	4618	4392	3976
55	3679	3667	3461
65	2758	2985	3000
75	1831	2388	2660
85	1029	1947	2204

LUMINAIRE SECTION

LEDALITE

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