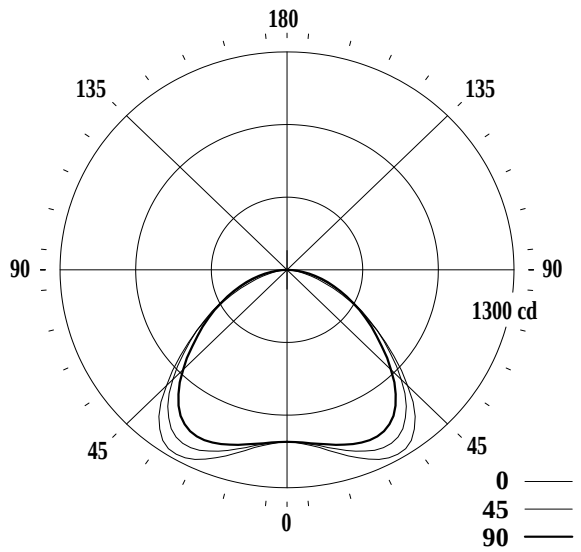
LEDALITE - PUREFX 2'X2' - RECESSED

TEST DATE:	05 Jan 2012	**CATALOG NO:**	**9422DxxxLC36**
Lamp Type:	LED	**Description:**	PUREFX 2X2 LO 3000K
No. of Lamps:	176		
Rated Lamp Lumens:	-1	**Flux (lm), Efficiency (%):**	3555 lm 100.0%
Input Watts:	120 VAC 43.3	**Up/Dn Ratio, Efficacy (lm/W):**	0% Up / 100% Dn 82.1
CIE-IES Classification:	Direct	**Report (Ele, Col, Photo):**	N/A ITL70688 ITL70666

CANDELA DISTRIBUTION

	0	22.5	45	67.5	90	Flux Lumens
0	1026	1026	1026	1026	1026	
5	1042	1039	1037	1034	1034	100
15	1132	1123	1106	1087	1081	315
25	1248	1228	1188	1139	1121	547
35	1242	1220	1157	1090	1063	717
45	976	965	925	868	841	706
55	631	636	631	609	590	557
65	348	360	377	382	377	369
75	143	162	184	201	205	191
85	26	37	49	55	56	53
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)			1270.0	30.0
Direct: Peak Candela & Angle (90deg)			1121.0	25.0
Spacing Criteria (0deg, 90deg, 180deg)		1.68	1.53	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	0.4358	0.4107	3073	0.0030
CRI (Ra), R9			83	21
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	66	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	961	27.0%	27.0%
0-40	1678	47.2%	47.2%
0-60	2942	82.8%	82.8%
0-90	3555	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	3555	100.0%	100.0%

AVG LUMINANCE (cd/m^2)

	0	45	90
0	3285	3285	3285
5	3349	3333	3323
15	3752	3666	3583
25	4409	4197	3960
35	4854	4522	4155
45	4419	4188	3808
55	3522	3522	3293
65	2636	2856	2856
75	1769	2276	2536
85	955	1800	2057

LUMINAIRE SECTION

LEDALITE

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