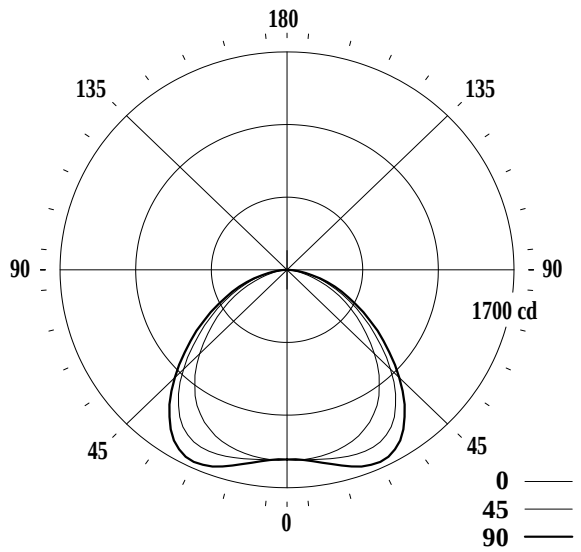
LEDALITE - PUREFX 1'X4' - RECESSED

TEST DATE:	13 Jan 2012	**CATALOG NO:**	**9414DxxxLB44**
Lamp Type:	LED	**Description:**	PUREFX 1X4 HI 3500K
No. of Lamps:	176		
Rated Lamp Lumens:	-1	**Flux (lm), Efficiency (%):**	4381 lm 100.0%
Input Watts:	120 VAC 55.3	**Up/Dn Ratio, Efficacy (lm/W):**	0% Up / 100% Dn 79.2
CIE-IES Classification:	Direct	**Report (Ele, Col, Photo):**	N/A ITL70685 ITL70669

CANDELA DISTRIBUTION

	0	22.5	45	67.5	90	Flux Lumens
0	1480	1480	1480	1480	1480	
5	1485	1485	1488	1486	1490	142
15	1456	1473	1517	1559	1580	430
25	1371	1424	1526	1616	1653	699
35	1200	1273	1402	1490	1519	859
45	926	985	1095	1166	1188	831
55	638	679	754	814	828	667
65	379	409	462	500	505	452
75	164	199	236	259	256	238
85	31	51	57	58	56	63
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)			1487.0	2.5
Direct: Peak Candela & Angle (90deg)			1653.0	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	0.4108	0.4017	3470	0.0040
CRI (Ra), R9			83	22
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	85	80	97	90	84	87	82	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	64	55	61	54	49	45
6	71	58	50	43	69	57	49	56	48	43	40
7	66	53	44	38	64	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	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	1272	29.0%	29.0%
0-40	2131	48.6%	48.6%
0-60	3628	82.8%	82.8%
0-90	4381	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	4381	100.0%	100.0%

AVG LUMINANCE (cd/m^2)

	0	45	90
0	5099	5099	5099
5	5136	5146	5153
15	5193	5411	5636
25	5212	5801	6284
35	5047	5897	6389
45	4512	5335	5788
55	3832	4529	4974
65	3090	3766	4117
75	2183	3142	3408
85	1225	2253	2214

LUMINAIRE SECTION

LEDALITE

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