Photometric Report

CATALOG NUMBER: AR608-4-X-LP-X-X-T8 Monday, December 03, 2012

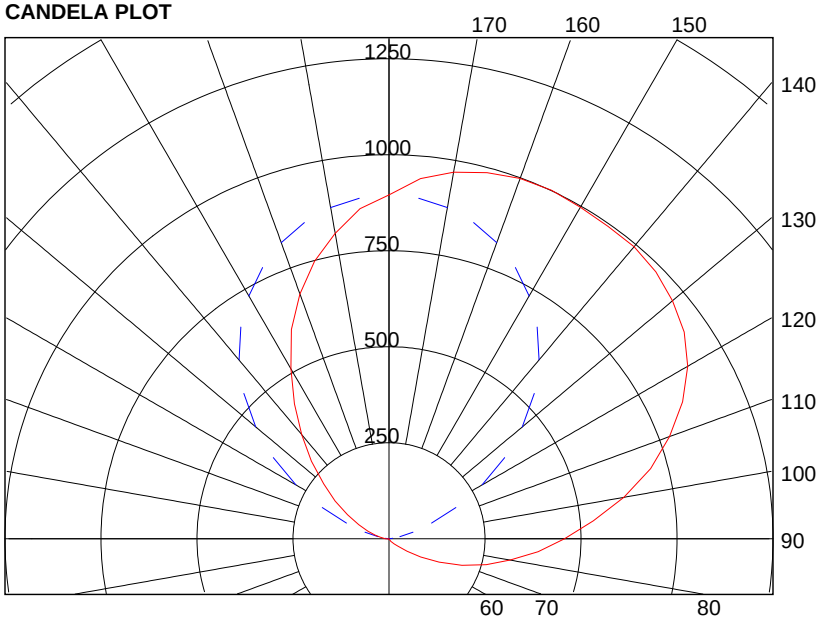
FILENAME: AR608-4-LP-T8 LTL#100241.IES

IESNA:LM-63-2002
[TEST] LTL100241
[MANUFAC] PRECISION ARCHITECTURAL LIGHTING
[LUMCAT] AR608-4-X-LP-X-X-T8
[LUMINAIRE] EXTRUDED ALUMINUM HOUSING WITH CAST ALUMINUM
[MORE] END CAPS AND HIGH REFLECTANCE WHITE ENAMEL ALUMINUM
[MORE] REFLECTOR WITH LINEAR PRISMATIC ACYRLIC LENS
[LAMP] ONE PHILIPS F32T8/TL830/XLL/ALTO RATED 2950 LUMENS EACH

SUMMARY DATA

EFFICIENCY (Total):	51.5 %
EFFICIENCY (Downlight):	4.4 %
EFFICIENCY (Uplight):	47.1 %
CIE CLASSIFICATION:	INDIRECT
SPACING CRITERION (90-Deg.):	22.86
LUMENS/LAMP:	2950
NO. OF LAMPS:	2
LUMINOUS OPENING: RECTANGULAR	
Width:	0.05 (Feet)
Length:	4.00
Height:	0.25
INPUT WATTS:	64

CANDELA PLOT



Bilaterally Symmetric
Solid: 180-0 Degrees Dashed: 90-270 Degrees

ZONAL LUMEN SUMMARY

Zone	Lumens	% Lamp	% Luminaire
0 - 30	0.4	0.0	0.0
0 - 40	1.8	0.0	0.1
0 - 60	21.0	0.4	0.7
60 - 90	240.2	4.1	7.9
0 - 90	261.2	4.4	8.6
90 - 180	2779.8	47.1	91.4
0 - 180	3041.0	51.5	100.0

AVERAGE LUMINANCE
(Candelas / Square Meter)

Angle	0	22.5	45	67.5	90	112.5	135	157.5	180
0	0	0	0	0	0	0	0	0	0
45	1342	456	171	25	0	0	0	0	0
55	4921	1382	518	104	0	0	0	23	0
65	16196	3354	1251	250	0	0	0	0	0
75	44214	6082	2319	489	0	0	0	23	316
85	140328	9560	3670	834	0	21	55	98	1687

COEFFICIENT OF UTILIZATION TABLE

Effective Floor Cavity Reflectance = 20%

Pcc ...	80				70				50			30			10			0
Pw ...	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	0
RCR																		
0	.50	.50	.50	.50	.43	.43	.43	.43	.31	.31	.31	.20	.20	.20	.09	.09	.09	.04
1	.45	.42	.40	.38	.38	.36	.35	.33	.26	.24	.23	.16	.15	.14	.07	.06	.06	.02
2	.40	.36	.33	.30	.35	.31	.29	.26	.22	.20	.19	.13	.12	.11	.05	.05	.04	.01
3	.37	.32	.28	.25	.31	.27	.24	.22	.19	.17	.15	.12	.10	.09	.05	.04	.03	.01
4	.33	.28	.24	.21	.29	.24	.21	.18	.17	.15	.13	.10	.09	.08	.04	.03	.03	.00
5	.30	.25	.21	.18	.26	.21	.18	.15	.15	.13	.11	.09	.08	.07	.04	.03	.02	.00
6	.28	.22	.18	.15	.24	.19	.16	.13	.13	.11	.09	.08	.07	.06	.03	.03	.02	.00
7	.26	.20	.16	.13	.22	.17	.14	.11	.12	.10	.08	.07	.06	.05	.03	.02	.02	.00
8	.24	.18	.14	.11	.20	.15	.12	.10	.11	.09	.07	.07	.05	.04	.03	.02	.02	.00
9	.22	.16	.12	.10	.19	.14	.11	.09	.10	.08	.06	.06	.05	.04	.02	.02	.01	.00
10	.20	.15	.11	.09	.18	.13	.10	.08	.09	.07	.05	.06	.04	.03	.02	.02	.01	.00

Reported data calculated from manufacturer's data file, based on IESNA recommended methods.

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CANDELA TABLE

Vertical	Horizontal Angles								
Angle	0	22.5	45	67.5	90	112.5	135	157.5	180
0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0
20	2	2	2	0	0	0	0	0	0
25	3	3	2	0	0	0	0	0	0
30	5	5	3	0	0	0	0	0	0
35	8	7	4	1	0	0	0	0	0
40	12	10	7	2	0	0	0	0	0
45	19	18	10	2	0	0	0	0	0
50	31	30	18	4	0	0	0	0	0
55	57	56	34	8	0	0	0	1	0
60	96	92	56	13	0	0	0	0	0
65	144	138	85	22	0	0	0	0	0
70	202	191	121	32	0	0	0	0	2
75	262	244	160	43	0	0	0	1	2
80	320	302	204	57	0	0	2	2	3
85	390	364	249	73	0	2	4	4	5
90	457	430	299	93	2	6	10	8	9
95	534	503	355	123	9	17	22	15	14
100	621	583	416	168	29	36	37	25	23
105	705	663	489	228	65	64	60	41	37
110	777	736	561	302	118	103	89	64	59
115	844	800	626	383	192	151	124	93	87
120	898	853	686	462	280	206	167	129	125
125	938	890	733	537	368	271	214	176	171
130	964	917	777	608	453	342	273	228	222
135	982	939	814	674	535	420	338	288	286
140	993	951	852	733	608	499	410	356	353
145	994	961	887	783	672	573	487	431	429
150	996	976	913	825	730	642	565	512	511
155	1001	983	929	859	779	703	639	597	601
160	998	980	937	885	820	757	706	673	678
165	987	971	940	901	852	802	765	742	748
170	969	956	935	907	876	842	814	801	807
175	941	930	918	904	890	870	857	850	863
180	895	895	895	895	895	895	895	895	895

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