

Photometric Report

CATALOG NUMBER: AR603-4-X-OP-X-X-T8

Monday, December 03, 2012

FILENAME: AR603-4-OP-T8 LTL#100232.IES

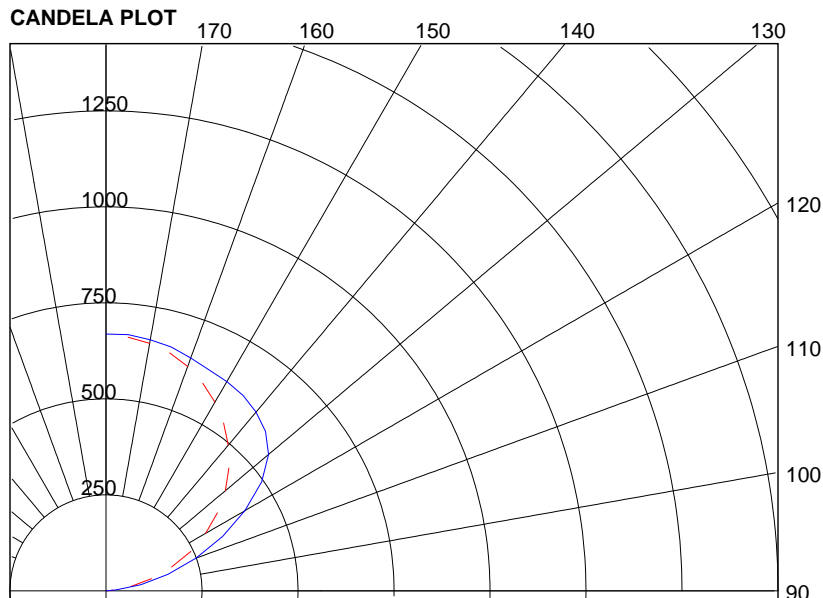
IESNA:LM-63-2002
 [TEST] LTL100232
 [MANUFAC] PRECISION ARCHITECTURAL LIGHTING
 [LUMCAT] AR603-4-X-OP-X-X-T8
 [LUMINAIRE] EXTRUDED ALUMINUM HOUSING WITH CAST ALUMINUM
 [MORE] END CAPS AND HIGH REFLECTANCE WHITE ENAMEL ALUMINUM
 [MORE] REFLECTORS WITH OPEN TOP
 [LAMP] ONE PHILIPS F32T8/TL830/XLL/ALTO RATED 2950 LUMENS EACH

SUMMARY DATA

EFFICIENCY (Total): 75.0 %
 EFFICIENCY (Downlight): 0.0 %
 EFFICIENCY (Uplight): 75.0 %
 CIE CLASSIFICATION: INDIRECT
 LUMENS/LAMP: 2950
 NO. OF LAMPS: 1
 LUMINOUS OPENING: RECTANGULAR
 Width: 0.50 (Feet)
 Length: 4.00
 Height: 0.20
 INPUT WATTS: 32

ZONAL LUMEN SUMMARY

Zone	Lumens	% Lamp	% Luminaire
0 - 30	0.0	0.0	0.0
0 - 40	0.0	0.0	0.0
0 - 60	0.0	0.0	0.0
60 - 90	0.0	0.0	0.0
0 - 90	0.0	0.0	0.0
90 - 180	2212.4	75.0	100.0
0 - 180	2212.4	75.0	100.0



COEFFICIENT OF UTILIZATION TABLE

Effective Floor Cavity Reflectance = 20%

Quadralaterally Symmetric
 Dashed: 0 Degrees Solid: 90 Degrees

Pcc ... Pw ... RCR	80				70				50			30			10			0
	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	0
0	.71	.71	.71	.71	.61	.61	.61	.61	.42	.42	.42	.24	.24	.24	.08	.08	.08	.00
1	.65	.62	.59	.57	.55	.53	.51	.49	.36	.35	.34	.21	.20	.20	.07	.07	.06	.00
2	.59	.54	.50	.46	.50	.46	.43	.40	.32	.30	.28	.18	.17	.16	.06	.06	.05	.00
3	.54	.47	.42	.38	.46	.41	.37	.33	.28	.25	.23	.16	.15	.14	.05	.05	.05	.00
4	.49	.42	.36	.32	.42	.36	.31	.28	.25	.22	.20	.14	.13	.12	.05	.04	.04	.00
5	.45	.37	.31	.27	.38	.32	.27	.24	.22	.19	.17	.13	.11	.10	.04	.04	.03	.00
6	.41	.33	.27	.23	.35	.28	.24	.20	.19	.17	.14	.11	.10	.09	.04	.03	.03	.00
7	.38	.29	.24	.20	.32	.25	.21	.18	.17	.15	.12	.10	.09	.07	.03	.03	.02	.00
8	.35	.26	.21	.18	.30	.23	.18	.15	.16	.13	.11	.09	.08	.06	.03	.02	.02	.00
9	.32	.24	.19	.15	.28	.21	.16	.13	.14	.11	.10	.08	.07	.06	.03	.02	.02	.00
10	.30	.22	.17	.14	.26	.19	.15	.12	.13	.10	.08	.08	.06	.05	.02	.02	.02	.00

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CANDELA TABLE

Vertical Angle	Horizontal Angles				
	<u>0</u>	<u>22.5</u>	<u>45</u>	<u>67.5</u>	<u>90</u>
90	1	4	2	1	0
95	20	38	34	28	26
100	66	100	98	94	92
105	123	175	176	170	167
110	182	243	258	253	249
115	243	296	340	338	335
120	300	342	411	420	418
125	354	384	461	494	494
130	406	425	496	541	553
135	452	466	525	572	587
140	495	507	550	593	608
145	534	543	570	608	622
150	568	574	592	619	629
155	597	602	613	628	635
160	622	625	632	642	645
165	642	644	648	655	657
170	655	656	660	664	664
175	663	664	666	669	<u>670</u>
180	669	669	669	669	669

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