

Photometric Report

CATALOG NUMBER: AR604-4-X-OP-X-X-T8

Monday, December 03, 2012

FILENAME: AR604-4-OP-T8 LTL#100238.IES

IESNA:LM-63-2002
 [TEST] LTL100238
 [MANUFAC] PRECISION ARCHITECTURAL LIGHTING
 [LUMCAT] AR604-4-X-OP-X-X-T8
 [LUMINAIRE] EXTRUDED ALUMINUM HOUSING WITH CAST ALUMINUM
 [MORE] END CAPS AND HIGH REFLECTANCE WHITE ENAMEL ALUMINUM
 [MORE] REFLECTOR WITH OPEN TOP
 [LAMP] TWO PHILIPS F32T8/TL830/XLL/ALTO RATED 2950 LUMENS EACH

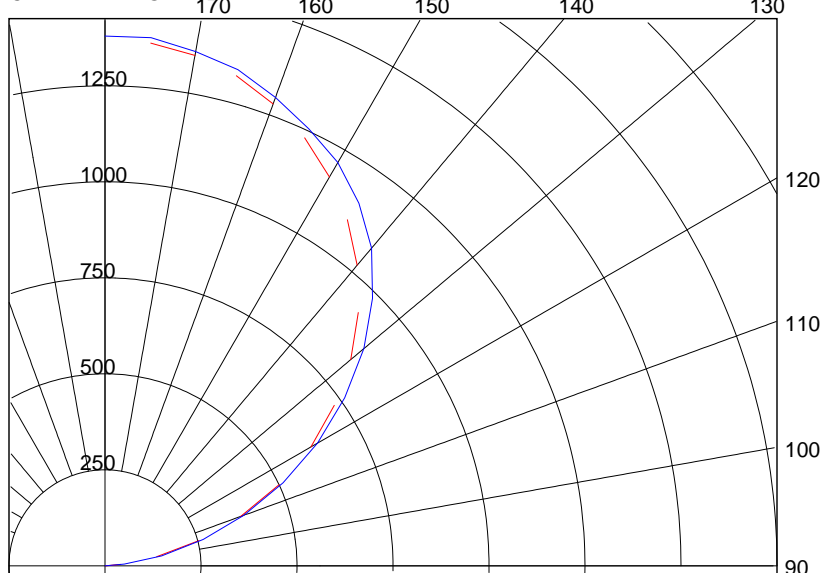
SUMMARY DATA

EFFICIENCY (Total): 68.7 %
 EFFICIENCY (Downlight): 0.0 %
 EFFICIENCY (Uplight): 68.7 %
 CIE CLASSIFICATION: INDIRECT
 LUMENS/LAMP: 2950
 NO. OF LAMPS: 2
 LUMINOUS OPENING: RECTANGULAR
 Width: 0.50 (Feet)
 Length: 4.00
 Height: 0.25
 INPUT WATTS: 64

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	0.4	0.0	0.0
0 - 90	0.4	0.0	0.0
90 - 180	4054.8	68.7	100.0
0 - 180	4055.2	68.7	100.0

CANDELA PLOT



Quadralaterally Symmetric
 Dashed: 0 Degrees Solid: 90 Degrees

AVERAGE LUMINANCE

(Candelas / Square Meter)

Angle	0	22.5	45	67.5	90
0	0	0	0	0	0
45	0	0	0	0	0
55	0	0	0	0	0
65	0	0	0	0	0
75	0	0	0	0	0
85	0	0	0	0	0

COEFFICIENT OF UTILIZATION TABLE

Effective Floor Cavity Reflectance = 20%

Pcc ... 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	.65	.65	.65	.65	.56	.56	.56	.56	.38	.38	.38	.22	.22	.22	.07	.07	.07	.00
1	.60	.57	.54	.52	.51	.49	.47	.45	.33	.32	.31	.19	.19	.18	.06	.06	.06	.00
2	.54	.50	.46	.42	.46	.42	.39	.37	.29	.27	.26	.17	.16	.15	.05	.05	.05	.00
3	.49	.43	.39	.35	.42	.37	.33	.30	.26	.23	.21	.15	.14	.13	.05	.04	.04	.00
4	.45	.38	.33	.30	.38	.33	.29	.26	.23	.20	.18	.13	.12	.11	.04	.04	.04	.00
5	.41	.34	.29	.25	.35	.29	.25	.22	.20	.17	.15	.12	.10	.09	.04	.03	.03	.00
6	.38	.30	.25	.21	.32	.26	.22	.19	.18	.15	.13	.10	.09	.08	.03	.03	.03	.00
7	.35	.27	.22	.18	.29	.23	.19	.16	.16	.13	.11	.09	.08	.07	.03	.03	.02	.00
8	.32	.24	.19	.16	.27	.21	.17	.14	.14	.12	.10	.08	.07	.06	.03	.02	.02	.00
9	.30	.22	.17	.14	.25	.19	.15	.12	.13	.11	.09	.08	.06	.05	.02	.02	.02	.00
10	.28	.20	.15	.12	.23	.17	.13	.11	.12	.09	.08	.07	.06	.05	.02	.02	.02	.00

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

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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>
0	0	0	0	0	0
5	0	0	0	0	0
10	0	0	0	0	0
15	0	0	0	0	0
20	0	0	0	0	0
25	0	0	0	0	0
30	0	0	0	0	0
35	0	0	0	0	0
40	0	0	0	0	0
45	0	0	0	0	0
50	0	0	0	0	0
55	0	0	0	0	0
60	0	0	0	0	0
65	0	0	0	0	0
70	0	0	0	0	0
75	0	0	0	0	0
80	0	0	0	0	0
85	0	0	0	0	0
90	2	4	1	1	0
95	40	58	57	52	51
100	137	151	156	151	150
105	254	268	268	266	265
110	376	390	393	386	385
115	500	516	520	516	511
120	619	634	646	642	640
125	729	744	764	766	762
130	835	841	875	879	880
135	933	939	971	983	985
140	1022	1026	1055	1075	1080
145	1100	1107	1122	1147	1153
150	1169	1174	1183	1203	1213
155	1230	1232	1242	1248	1256
160	1280	1284	1288	1297	1298
165	1321	1326	1327	1334	1337
170	1350	1355	1355	1359	1360
175	1366	1371	1375	1378	<u>1380</u>
180	1379	1379	1379	1379	1379

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