

Photometric Report

CATALOG NUMBER: AR619-4-X-LP-X-X-T8

Monday, December 03, 2012

FILENAME: AR619-4-LP-T8 LTL#101081.IES

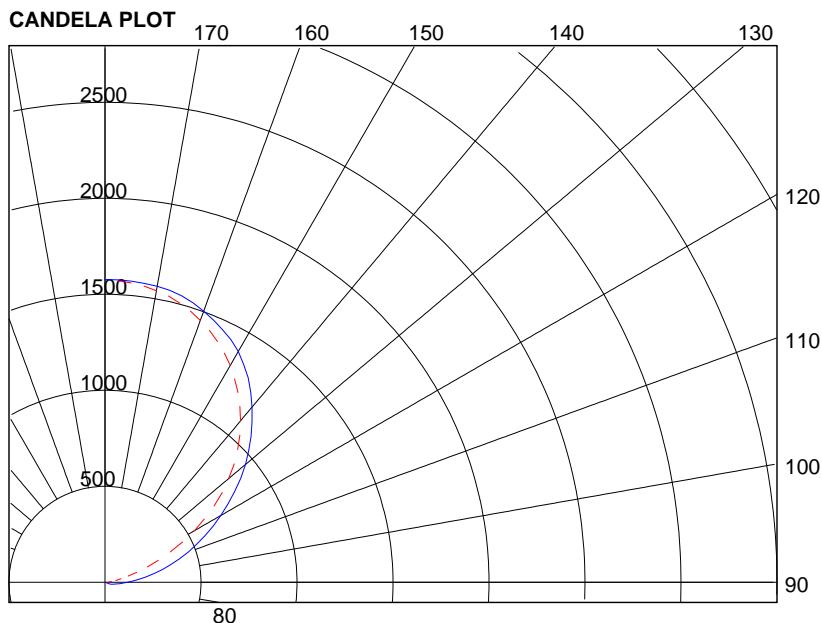
IESNA:LM-63-2002
 [TEST] LTL101081
 [MANUFAC] PRECISION ARCHITECTURAL LIGHTING
 [LUMCAT] AR619-4-X-LP-X-X-T8
 [LUMINAIRE] EXTRUDED ALUMINUM HOUSING WITH CAST ALUMINUM
 [MORE] END CAPS AND HIGH REFLECTANCE WHITE ENAMEL ALUMINUM
 [MORE] REFLECTOR WITH LINEAR PRISMATIC ACYRLIC LENS
 [LAMP] ONE PHILIPS F32T8/TL830/XLL/ALTO RATED 2950 LUMENS EACH

SUMMARY DATA

EFFICIENCY (Total): 52.0 %
 EFFICIENCY (Downlight): 1.0 %
 EFFICIENCY (Uplight): 51.0 %
 CIE CLASSIFICATION: INDIRECT
 LUMENS/LAMP: 2950
 NO. OF LAMPS: 3
 LUMINOUS OPENING: RECTANGULAR
 Width: 0.42 (Feet)
 Length: 4.00
 Height: 0.15
 INPUT WATTS: 86.2

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	90.2	1.0	2.0
0 - 90	90.2	1.0	2.0
90 - 180	4512.0	51.0	98.0
0 - 180	4602.2	52.0	100.0



80
 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	92	345	397	399
85	0	708	1339	1182	1118

COEFFICIENT OF UTILIZATION TABLE

Effective Floor Cavity Reflectance = 20%

Pcc ...	80				70				50			30			10			0
	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	.29	.29	.29	.17	.17	.17	.06	.06	.06	.01
1	.45	.43	.41	.39	.38	.37	.35	.34	.25	.24	.23	.15	.14	.14	.05	.05	.05	.00
2	.41	.37	.34	.32	.35	.32	.29	.27	.22	.20	.19	.13	.12	.11	.04	.04	.04	.00
3	.37	.33	.29	.26	.32	.28	.25	.23	.19	.17	.16	.11	.10	.09	.04	.03	.03	.00
4	.34	.29	.25	.22	.29	.25	.22	.19	.17	.15	.13	.10	.09	.08	.03	.03	.03	.00
5	.31	.25	.21	.19	.26	.22	.19	.16	.15	.13	.11	.09	.08	.07	.03	.03	.02	.00
6	.28	.23	.19	.16	.24	.19	.16	.14	.13	.11	.10	.08	.07	.06	.03	.02	.02	.00
7	.26	.20	.16	.14	.22	.17	.14	.12	.12	.10	.08	.07	.06	.05	.02	.02	.02	.00
8	.24	.18	.15	.12	.21	.16	.13	.10	.11	.09	.07	.06	.05	.04	.02	.02	.01	.00
9	.22	.16	.13	.10	.19	.14	.11	.09	.10	.08	.06	.06	.05	.04	.02	.02	.01	.00
10	.21	.15	.12	.09	.18	.13	.10	.08	.09	.07	.06	.05	.04	.03	.02	.01	.01	.00

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CANDELA TABLE

Vertical Angle	Horizontal Angles				
	0	22.5	45	67.5	90
0	0	0	0	0	0
2.5	0	0	0	0	0
5	0	0	0	0	0
7.5	0	0	0	0	0
10	0	0	0	0	0
12.5	0	0	0	0	0
15	0	0	0	0	0
17.5	0	0	0	0	0
20	0	0	0	0	0
22.5	0	0	0	0	0
25	0	0	0	0	0
27.5	0	0	0	0	0
30	0	0	0	0	0
32.5	0	0	0	0	0
35	0	0	0	0	0
37.5	0	0	0	0	0
40	0	0	0	0	0
42.5	0	0	0	0	0
45	0	0	0	0	0
47.5	0	0	0	0	0
50	0	0	0	0	0
52.5	0	0	0	0	0
55	0	0	0	0	0
57.5	0	0	0	0	0
60	0	0	0	0	0
62.5	0	0	0	0	0
65	0	0	0	0	0
67.5	0	0	0	0	0
70	0	5	17	24	25
72.5	0	6	22	29	32
75	0	6	28	37	38
77.5	0	9	36	44	44
80	0	13	47	53	53
82.5	0	19	60	65	64
85	0	28	76	79	77
87.5	0	41	98	98	95
90	0	55	123	121	116
92.5	5	74	153	150	142
95	17	97	184	183	176
97.5	34	123	221	223	215
100	57	155	258	267	258
102.5	85	190	300	309	305
105	125	232	346	356	354
107.5	173	280	394	408	405
110	235	333	445	463	462
112.5	300	391	498	517	515
115	374	456	555	575	575
117.5	456	522	613	636	635
120	536	592	673	697	697
122.5	612	664	735	759	760
125	694	739	802	828	824
127.5	769	814	869	888	892
130	841	884	935	952	955
132.5	912	952	997	1012	1014
135	978	1018	1058	1073	1075
137.5	1040	1079	1119	1134	1134
140	1098	1139	1174	1192	1191
142.5	1155	1192	1226	1246	1247
145	1207	1242	1276	1296	1300
147.5	1256	1289	1319	1343	1345
150	1304	1333	1360	1383	1389
152.5	1346	1372	1396	1416	1423
155	1384	1409	1429	1448	1451
157.5	1420	1438	1461	1474	1478
160	1452	1468	1488	1500	1502
162.5	1481	1491	1511	1525	1526
165	1504	1513	1529	1542	1545

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167.5	1527	1533	1545	1555	1557
170	1542	1547	1554	1565	1566
172.5	1556	1560	1565	1571	1571
175	1566	1569	1572	1576	1575
177.5	1572	1573	1575	<u>1578</u>	1577
180	1577	1577	1577	<u>1577</u>	1577