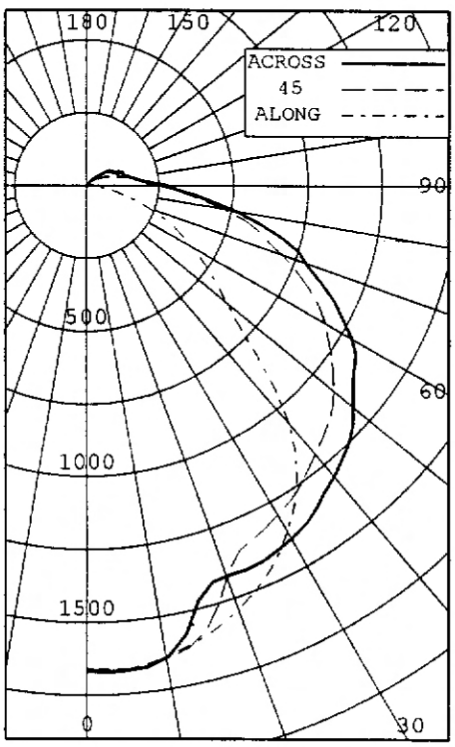
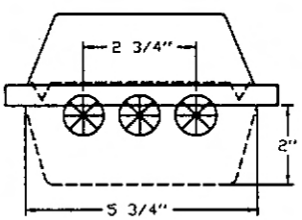
376 SERIES
WET/DAMP LOCATIONS

CERTIFIED TEST REPORT No. 20714

LDPI LIGHTING - WET/DAMP LOCATION LUMINAIRE,CAT# 376-T8-3L-4-UNV-PD
WITH WHITE INTERIOR AND PRISMATIC PLASTIC WRAP LENS
THREE PHILIPS 32 WATT T8 LAMPS,CAT# F32T8/TL841. LUMEN RATING = 2950 LMS.
ONE ADVANCE ICN-3P32-SC-HAZ BALLAST OPERATING AT 120 VAC AND 74 WATTS





INTENSITY(CANDLEPOWER) SUMMARY

ANGLE	ALONG	22.5	45	67.5	ACROSS	OUTPUT LUMENS
0	1664	1664	1664	1664	1664	
5	1665	1654	1664	1670	1670	161
15	1596	1598	1577	1505	1473	436
25	1459	1404	1339	1400	1418	641
35	1237	1166	1256	1332	1353	788
45	811	996	1155	1231	1254	851
55	513	792	1009	1105	1102	831
65	329	570	829	942	922	731
75	156	341	608	724	684	546
85	42	166	347	422	374	321
90	21	134	273	315	271	
95	14	109	213	232	198	182
105	12	41	124	154	140	107
115	6	18	75	104	108	64
125	1	3	41	71	87	36
135	0	0	14	36	44	14
145	0	0	0	10	14	3
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	

ZONE	LUMENS	% LAMP	%LUMINAIRE
0-30	1238	13.99	21.66
0-40	2026	22.90	35.46
0-60	3708	41.91	64.90
0-90	5307	59.97	92.88
40-90	3281	37.08	57.42
60-90	1598	18.06	27.97
90-180	407	4.60	7.12
0-180	5714	64.57	100.00

** EFFICIENCY: 64.6% **

LUMINANCE SUMMARY - CD./SQ.M.

ANGLE	ALONG	45	ACROSS
45	5947	6938	7122
55	4564	6839	6945
65	3864	6681	6765
75	2823	6270	6224
85	1766	5199	4665

PAINT REFLECTANCE: 0.84 , S/MH: 1.3
SC(ALONG): 1.2, SC(ACROSS): 1.3

CERTIFIED BY:

DATE:
DEC 13, 2005

PREPARED FOR:
LDPI LIGHTING
EAU CLAIRE, WI

TESTED IN ACCORDANCE WITH IES PROCEDURES.

LDPI LIGHTING - WET/DAMP LOCATION LUMINAIRE,CAT# 376-T8-3L-4-UNV-PD
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INTENSITY(CANDLEPOWER) DATA

ANGLE	PLANE						OUTPUT
	ALONG	22.5	45	67.5	ACROSS	AVERAGE	LUMENS
0	1664	1664	1664	1664	1664	1664	
5	1665	1654	1664	1670	1670	1664	161
10	1639	1639	1646	1644	1640	1642	
15	1596	1598	1577	1505	1473	1554	436
20	1536	1533	1409	1406	1421	1457	
25	1459	1404	1339	1400	1418	1396	641
30	1362	1246	1300	1368	1393	1323	
35	1237	1166	1256	1332	1353	1262	788
40	1064	1090	1200	1280	1302	1188	
45	811	996	1155	1231	1254	1104	851
50	619	895	1092	1177	1174	1015	
55	513	792	1009	1105	1102	928	831
60	417	686	928	1050	1031	847	
65	329	570	829	942	922	742	731
70	239	443	711	825	794	624	
75	156	341	608	724	684	523	546
80	89	247	486	562	524	400	
85	42	166	347	422	374	286	321
90	21	134	273	315	271	217	
95	14	109	213	232	198	165	182
100	12	67	160	188	162	125	
105	12	41	124	154	140	99	107
110	9	28	94	129	134	81	
115	6	18	75	104	108	64	64
120	3	9	54	97	100	53	
125	1	3	41	71	87	40	36
130	0	0	28	51	59	27	
135	0	0	14	36	44	18	14
140	0	0	4	22	28	10	
145	0	0	0	10	14	4	3
150	0	0	0	1	4	1	
155	0	0	0	0	0	0	0
160	0	0	0	0	0	0	
165	0	0	0	0	0	0	0
170	0	0	0	0	0	0	
175	0	0	0	0	0	0	0
180	0	0	0	0	0	0	

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AVERAGE LUMINANCE DATA

CD./SQ.M. (FOOTLAMBERTS)

ANGLE	ALONG	22.5	45	67.5	ACROSS
0	8972(2618)	8972(2618)	8972(2618)	8972(2618)	8972(2618)
30	8284(2418)	7082(2066)	7005(2044)	7149(2086)	7220(2107)
40	7248(2115)	6728(1963)	6873(2006)	7041(2055)	7095(2070)
45	5947(1735)	6499(1897)	6938(2025)	7041(2055)	7122(2078)
50	4956(1446)	6261(1827)	6904(2015)	7066(2062)	6964(2032)
55	4564(1332)	6000(1751)	6839(1996)	7035(2053)	6945(2027)
60	4207(1228)	5733(1673)	6789(1981)	7169(2092)	6937(2024)
65	3864(1127)	5331(1556)	6681(1950)	6999(2043)	6765(1974)
70	3400(992)	4772(1392)	6412(1871)	6769(1975)	6396(1866)
75	2823(823)	4357(1271)	6270(1830)	6707(1957)	6224(1816)
80	2264(660)	3914(1142)	5925(1729)	6001(1751)	5474(1597)
85	1766(515)	3501(1021)	5199(1517)	5400(1576)	4665(1361)

LDPI LIGHTING - WET/DAMP LOCATION LUMINAIRE,CAT# 376-T8-3L-4-UNV-PD
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COEFFICIENTS OF UTILIZATION

ZONAL CAVITY METHOD

EFFECTIVE FLOOR CAVITY REFLECTANCE = .20

CC	90				80				70				50			30			10			0
WALL	70	50	30	10	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	0
RCR																						
0	0.78	0.78	0.78	0.78	0.76	0.76	0.76	0.76	0.73	0.73	0.73	0.73	0.69	0.69	0.69	0.65	0.65	0.65	0.62	0.62	0.62	0.60
1	0.71	0.67	0.63	0.60	0.68	0.65	0.62	0.59	0.66	0.63	0.60	0.58	0.59	0.57	0.55	0.56	0.54	0.52	0.53	0.51	0.50	0.48
2	0.64	0.58	0.53	0.48	0.62	0.56	0.51	0.47	0.60	0.54	0.50	0.46	0.51	0.48	0.45	0.49	0.46	0.43	0.46	0.44	0.41	0.40
3	0.58	0.50	0.45	0.40	0.56	0.49	0.44	0.39	0.54	0.48	0.43	0.39	0.45	0.41	0.37	0.43	0.39	0.36	0.41	0.38	0.35	0.33
4	0.53	0.45	0.38	0.34	0.51	0.43	0.38	0.33	0.50	0.42	0.37	0.33	0.40	0.35	0.32	0.38	0.34	0.31	0.36	0.33	0.30	0.28
5	0.49	0.39	0.33	0.28	0.47	0.38	0.32	0.28	0.45	0.37	0.31	0.27	0.35	0.30	0.27	0.33	0.29	0.26	0.32	0.28	0.25	0.24
6	0.45	0.35	0.29	0.24	0.43	0.34	0.28	0.24	0.41	0.33	0.28	0.23	0.31	0.27	0.23	0.30	0.26	0.22	0.29	0.25	0.22	0.20
7	0.41	0.31	0.25	0.21	0.40	0.31	0.25	0.21	0.38	0.30	0.24	0.20	0.28	0.23	0.20	0.27	0.23	0.19	0.26	0.22	0.19	0.18
8	0.38	0.28	0.22	0.18	0.36	0.27	0.22	0.18	0.35	0.27	0.21	0.18	0.25	0.21	0.17	0.24	0.20	0.17	0.23	0.19	0.16	0.15
9	0.35	0.25	0.19	0.15	0.34	0.25	0.19	0.15	0.32	0.24	0.19	0.15	0.23	0.18	0.15	0.22	0.18	0.15	0.21	0.17	0.14	0.13
10	0.32	0.23	0.17	0.14	0.31	0.22	0.17	0.14	0.30	0.22	0.17	0.13	0.21	0.16	0.13	0.20	0.16	0.13	0.19	0.15	0.12	0.11

LUMINAIRE INPUT WATTS = 74.0

LABORATORY RESULTS MAY NOT BE REPRESENTATIVE OF FIELD PERFORMANCE.
BALLAST AND FIELD FACTORS HAVE NOT BEEN APPLIED.

TEST DISTANCE EXCEEDS FIVE TIMES THE GREATEST
LUMINOUS OPENING OF LUMINAIRE.

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ONE ADVANCE ICN-3P32-SC-HAZ BALLAST OPERATING AT 120 VAC AND 77 WATTS
LDPI LIGHTING
EAU CLAIRE, WI 0 0 0 0 0 2071424.00 0.0
5313840000100000020 0 0.0 2 2950 50 5.75 2 2 77 0.0 739.55
1283.1 1284.8 1286.1 1284.2 1272.5 1232.4 1153.0 1098.7 1091.0 1090.6 1090.1 1080.3 1069.8 1058.0 1044.1 1019.7
1004.2 982.3 966.6 943.6 910.9 880.0 854.7 837.2 803.0 762.4 724.5 674.2 621.2 588.2 545.0 484.0
423.3 363.4 304.3 254.2 219.1 184.3 159.6 138.4 126.5 118.4 110.5 107.8 106.9 99.7 88.2 83.2
81.6 76.1 74.3 59.6 50.5 44.1 38.9 32.2 26.9 21.2 15.4 11.4 7.2 2.8 1.8 1.7
1.8 1.8 1.9 2.0 2.0 1.9 1.9 1.8 1.9 1.8 1.8 1.8 1.8 1.7 1.7 1.5
1.5 1.4 1.3 1.3 2.9 7.2 10.6 14.4 20.4 26.0 32.7 37.9 44.2 49.1 64.0 71.8
76.4 79.3 81.6 90.5 103.4 106.2 108.7 117.1 127.3 137.0 148.8 169.3 200.9 232.5 274.5 324.1
386.7 447.6 510.8 569.9 603.0 643.1 697.7 740.6 786.2 825.4 843.4 865.2 899.0 935.5 965.9 983.3
1002.3 1016.8 1039.8 1063.6 1075.8 1085.4 1094.8 1103.2 1098.5 1100.4 1115.9 1198.9 1252.9 1282.1 1285.7 1289.7
0 0 0 0
1281.5 1282.2 1285.9 1282.1 1274.4 1243.4 1186.7 1106.8 1082.5 1076.5 1076.9 1067.5 1055.7 1042.5 1027.9 1011.2
990.8 972.6 951.8 933.4 914.1 885.3 862.8 842.3 823.0 781.9 741.4 708.4 655.0 613.5 578.9 524.7
458.0 398.0 343.0 298.7 256.9 221.7 188.8 163.6 148.8 135.5 124.1 115.5 106.3 93.0 84.8 82.1
78.3 77.8 63.1 51.0 45.3 39.0 33.4 27.3 22.3 16.2 12.0 8.4 3.9 1.8 1.6 1.7
1.8 1.8 1.8 1.9 1.9 1.9 1.9 1.9 1.8 1.8 1.7 1.8 1.7 1.6 1.5 1.5
1.5 1.4 1.4 1.3 1.3 3.2 7.0 10.8 14.8 20.7 26.3 32.6 37.7 43.2 50.3 66.8
74.8 76.7 79.4 83.8 95.9 109.2 117.3 129.3 144.4 158.0 172.3 198.9 230.8 266.9 309.4 352.5
409.7 475.6 538.4 583.9 617.5 670.4 710.8 750.1 795.6 821.8 840.3 868.6 900.2 926.4 944.8 963.9
981.1 1002.7 1024.8 1039.4 1052.4 1066.2 1079.6 1081.5 1084.0 1088.3 1131.1 1213.4 1257.6 1281.6 1285.6 1288.0
0 0 0 0
1278.0 1277.1 1282.3 1276.3 1268.7 1258.3 1227.3 1176.8 1106.9 1052.6 1033.1 1022.7 1004.2 991.3 972.5 953.0
931.6 912.9 900.1 878.0 853.8 822.4 792.5 761.3 730.2 698.9 658.4 612.7 567.8 521.2 486.5 449.6
398.9 340.2 284.6 249.0 223.2 198.8 174.5 150.2 131.4 116.1 103.2 90.7 79.3 71.1 66.1 56.2
48.2 42.1 37.8 33.8 28.0 21.9 16.1 11.6 7.8 4.7 2.0 1.5 1.7 1.6 1.7 1.7
1.7 1.8 1.8 2.1 2.0 2.0 1.9 1.9 1.9 1.8 1.8 1.7 1.7 1.7 1.6 1.5
1.4 1.3 1.2 1.2 1.2 1.2 1.2 1.2 2.6 5.5 9.2 13.2 19.0 24.8 29.8 34.2
38.9 44.9 53.4 63.5 69.1 80.4 91.9 103.6 117.9 136.1 156.8 178.0 201.3 224.1 252.3 295.4
352.4 406.5 453.1 484.2 529.9 574.4 620.3 664.5 700.4 731.4 762.8 795.7 829.3 857.3 880.3 901.0
918.0 939.8 963.4 983.0 999.0 1013.3 1029.6 1037.8 1063.1 1135.7 1201.5 1241.9 1265.9 1273.9 1281.0 1281.8
0 0 0 0
1276.5 1275.6 1272.2 1270.2 1265.0 1252.5 1235.9 1214.7 1190.5 1156.4 1104.9 1034.7 974.1 936.9 908.0 878.7
850.2 819.2 781.5 742.4 705.4 665.9 627.5 587.8 547.8 506.0 460.7 410.5 362.0 320.7 281.8 243.9
207.5 172.0 140.1 120.6 110.8 102.9 92.9 77.3 60.2 46.1 37.7 31.5 26.4 22.7 19.1 15.6
12.1 8.9 5.8 3.4 2.6 2.2 1.9 1.7 1.6 1.5 1.5 1.4 1.5 1.5 1.6 1.6
1.8 1.9 1.9 2.0 2.1 2.0 2.0 1.9 1.9 1.9 1.9 1.9 1.8 1.8 1.6 1.5
1.4 1.4 1.3 1.2 1.1 1.0 0.9 0.9 1.0 1.1 1.2 1.5 1.7 1.9 2.3 3.5
6.3 9.4 12.8 16.5 20.2 24.1 29.3 36.2 46.5 61.4 78.5 90.4 99.5 107.1 119.4 143.7
176.0 209.8 246.1 283.1 322.8 368.7 419.5 467.0 511.2 552.9 594.4 634.1 674.2 715.4 754.3 793.1
829.2 859.5 888.1 916.8 945.5 988.0 1058.6 1125.3 1170.9 1202.5 1225.9 1244.4 1259.8 1270.3 1275.4 1275.7
0 0 0 0
1288.6 1287.1 1283.0 1275.8 1264.6 1249.9 1232.4 1212.2 1189.0 1162.2 1131.9 1098.8 1061.0 1017.7 969.6 914.2
845.5 756.7 654.3 560.5 494.4 448.9 409.5 371.5 334.7 299.8 266.6 232.4 197.2 162.9 130.6 102.2
77.2 55.4 38.8 24.6 19.1 17.2 13.9 11.3 11.3 12.4 12.3 11.5 10.1 8.4 7.1 6.0
5.1 4.4 3.7 3.0 2.5 2.2 1.9 1.6 1.5 1.4 1.4 1.4 1.4 1.4 1.5 1.6
1.6 1.7 1.8 2.0 2.1 2.0 2.0 2.0 1.9 2.0 1.9 1.9 1.9 1.9 1.8 1.6
1.5 1.4 1.3 1.2 1.1 1.1 1.0 1.0 1.1 1.1 1.4 1.5 1.7 2.1 2.6 3.3
4.0 4.6 5.4 6.5 8.0 9.5 10.7 11.2 11.0 10.4 11.5 14.8 17.0 20.6 29.2 44.9
64.4 87.1 112.9 142.3 174.9 208.8 243.1 276.9 310.9 346.7 383.8 421.8 461.6 515.0 597.1 698.4
795.2 873.2 936.0 989.6 1036.5 1078.6 1115.8 1148.6 1177.5 1202.9 1225.2 1244.0 1259.6 1271.8 1280.9 1286.4
0 0 0 0