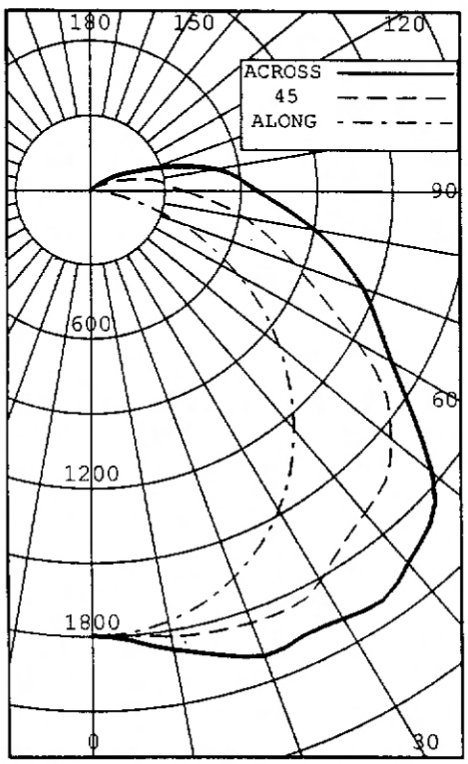
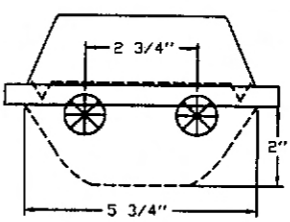
376 SERIES
WET/DAMP LOCATIONS

CERTIFIED TEST REPORT No. 20715

LDPI LIGHTING - WET/DAMP LOCATION LUMINAIRE,CAT# 376-T8-4L-8-UNV-A
WITH WHITE INTERIOR AND PRISMATIC PLASTIC WRAP LENS
FOUR PHILIPS 32 WATT T8 LAMPS,CAT# F32T8/TL841. LUMEN RATING = 2950 LMS.
ONE ADVANCE ICN-4P32-SC BALLAST OPERATING AT 120 VAC AND 99 WATTS





INTENSITY(CANDLEPOWER) SUMMARY

ANGLE	ALONG	22.5	45	67.5	ACROSS	OUTPUT LUMENS
0	1796	1796	1796	1796	1796	
5	1790	1786	1802	1818	1822	176
15	1718	1757	1841	1914	1940	519
25	1576	1669	1856	1952	1980	836
35	1374	1532	1734	1939	2012	1078
45	1114	1322	1651	1827	1896	1212
55	832	1077	1430	1517	1551	1162
65	530	818	1013	1182	1255	969
75	241	454	740	950	1030	737
85	44	235	494	694	775	501
90	9	141	367	583	663	
95	6	91	306	520	594	331
105	3	27	175	325	382	192
115	0	0	68	146	173	77
125	0	0	7	51	70	23
135	0	0	0	0	7	2
145	0	0	0	0	0	0
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	1531	12.98	19.59
0-40	2609	22.11	33.39
0-60	4982	42.23	63.76
0-90	7190	60.94	92.00
40-90	4581	38.82	58.61
60-90	2207	18.71	28.24
90-180	625	5.30	8.00
0-180	7815	66.23	100.00

** EFFICIENCY: 66.2% **

LUMINANCE SUMMARY - CD./SQ.M.

ANGLE	ALONG	45	ACROSS
45	4245	5113	5491
55	3877	5016	4987
65	3303	4244	4697
75	2378	3995	4779
85	1126	3931	4931

PAINT REFLECTANCE: 0.84 , S/MH: 1.7
SC(ALONG): 1.2, SC(ACROSS): 1.7

CERTIFIED BY:

DATE:
DEC 7, 2005

PREPARED FOR:
LDPI LIGHTING
EAU CLAIRE, WI

TESTED IN ACCORDANCE WITH IES PROCEDURES.

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INTENSITY(CANDLEPOWER) DATA

ANGLE	PLANE						OUTPUT
	ALONG	22.5	45	67.5	ACROSS	AVERAGE	LUMENS
0	1796	1796	1796	1796	1796	1796	
5	1790	1786	1802	1818	1822	1803	176
10	1762	1775	1826	1867	1881	1822	
15	1718	1757	1841	1914	1940	1835	519
20	1655	1722	1852	1960	1998	1840	
25	1576	1669	1856	1952	1980	1814	836
30	1483	1607	1813	1930	1990	1771	
35	1374	1532	1734	1939	2012	1725	1078
40	1250	1441	1688	1903	1951	1658	
45	1114	1322	1651	1827	1896	1576	1212
50	974	1191	1550	1727	1763	1459	
55	832	1077	1430	1517	1551	1304	1162
60	683	956	1220	1326	1377	1133	
65	530	818	1013	1182	1255	976	969
70	379	648	862	1070	1150	836	
75	241	454	740	950	1030	695	737
80	124	326	625	824	906	572	
85	44	235	494	694	775	458	501
90	9	141	367	583	663	357	
95	6	91	306	520	594	304	331
100	5	51	253	440	505	250	
105	3	27	175	325	382	180	192
110	1	8	115	214	258	117	
115	0	0	68	146	173	75	77
120	0	0	32	93	118	46	
125	0	0	7	51	70	23	23
130	0	0	0	20	33	9	
135	0	0	0	0	7	1	2
140	0	0	0	0	0	0	
145	0	0	0	0	0	0	0
150	0	0	0	0	0	0	
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	4939(1441)	4939(1441)	4939(1441)	4939(1441)	4939(1441)
30	4654(1358)	4705(1373)	5018(1464)	5163(1507)	5262(1535)
40	4414(1288)	4602(1343)	4979(1453)	5368(1566)	5423(1582)
45	4245(1238)	4468(1304)	5113(1492)	5363(1565)	5491(1602)
50	4068(1187)	4329(1263)	5062(1477)	5321(1553)	5334(1556)
55	3877(1131)	4251(1240)	5016(1464)	4964(1448)	4987(1455)
60	3626(1058)	4178(1219)	4631(1351)	4656(1358)	4727(1379)
65	3303(964)	4017(1172)	4244(1238)	4524(1320)	4697(1371)
70	2889(843)	3687(1076)	4055(1183)	4528(1321)	4729(1380)
75	2378(694)	3090(902)	3995(1166)	4545(1326)	4779(1394)
80	1755(512)	2780(811)	4011(1170)	4561(1331)	4828(1409)
85	1126(328)	2720(793)	3931(1147)	4613(1346)	4931(1439)

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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	0.80	0.80	0.80	0.80	0.78	0.78	0.78	0.78	0.75	0.75	0.75	0.75	0.71	0.71	0.71	0.67	0.67	0.67	0.63	0.63	0.63	0.61
1	0.72	0.68	0.65	0.61	0.70	0.66	0.63	0.60	0.67	0.64	0.61	0.58	0.60	0.58	0.56	0.57	0.55	0.53	0.53	0.52	0.50	0.49
2	0.65	0.59	0.54	0.49	0.63	0.57	0.52	0.48	0.61	0.55	0.51	0.47	0.52	0.48	0.45	0.49	0.46	0.43	0.46	0.44	0.41	0.40
3	0.59	0.51	0.45	0.40	0.57	0.50	0.44	0.40	0.55	0.48	0.43	0.39	0.46	0.41	0.38	0.43	0.39	0.36	0.41	0.38	0.35	0.33
4	0.54	0.45	0.39	0.34	0.52	0.44	0.38	0.33	0.50	0.43	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	0.40	0.33	0.28	0.48	0.39	0.32	0.28	0.46	0.37	0.32	0.27	0.35	0.30	0.27	0.34	0.29	0.26	0.32	0.28	0.25	0.23
6	0.45	0.35	0.29	0.24	0.44	0.34	0.28	0.24	0.42	0.33	0.28	0.23	0.32	0.27	0.23	0.30	0.25	0.22	0.28	0.24	0.21	0.20
7	0.41	0.31	0.25	0.21	0.40	0.31	0.25	0.21	0.39	0.30	0.24	0.20	0.28	0.23	0.20	0.27	0.22	0.19	0.26	0.22	0.18	0.17
8	0.38	0.28	0.22	0.18	0.37	0.27	0.22	0.17	0.35	0.27	0.21	0.17	0.25	0.20	0.17	0.24	0.20	0.16	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	0.33	0.24	0.19	0.15	0.23	0.18	0.14	0.22	0.17	0.14	0.21	0.17	0.14	0.12
10	0.32	0.23	0.17	0.13	0.31	0.22	0.17	0.13	0.30	0.22	0.17	0.13	0.21	0.16	0.13	0.20	0.15	0.12	0.19	0.15	0.12	0.11

LUMINAIRE INPUT WATTS = 99.0

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.