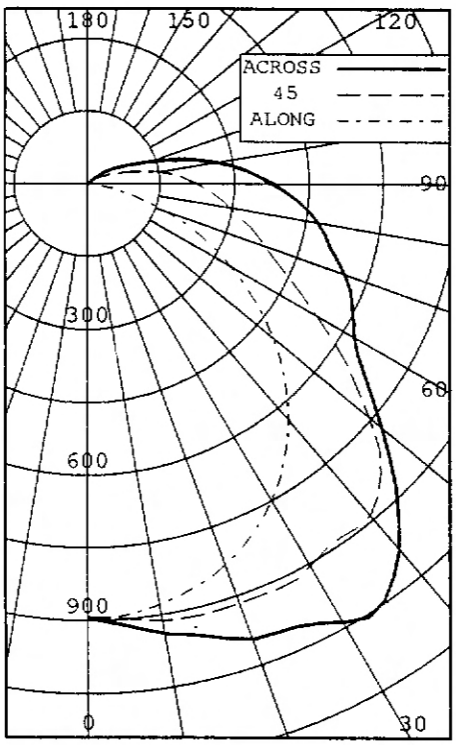
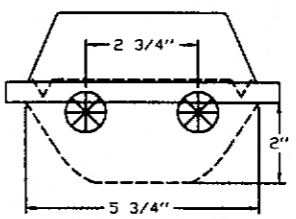
376 SERIES
WET/DAMP LOCATIONS

CERTIFIED TEST REPORT No. 20711

LDPI LIGHTING - WET/DAMP LOCATION LUMINAIRE,CAT# 376-T8-2L-4-UNV-PR
WITH WHITE INTERIOR AND RIBBED PLASTIC WRAP LENS
TWO PHILIPS 32 WATT T8 LAMPS,CAT# F32T8/TL841. LUMEN RATING = 2950 LMS.
ONE ADVANCE ICN-2P32-SC-HAZ BALLAST OPERATING AT 120 VAC AND 53 WATTS





INTENSITY(CANDLEPOWER) SUMMARY

ANGLE	ALONG	22.5	45	67.5	ACROSS	OUTPUT LUMENS
0	894	894	894	894	894	
5	892	890	900	911	914	88
15	858	880	918	951	966	259
25	793	833	920	980	1004	419
35	693	752	889	1020	1046	550
45	564	674	839	873	880	597
55	414	554	639	668	683	539
65	260	364	447	547	591	444
75	109	198	343	467	510	349
85	21	108	262	388	433	268
90	8	75	223	335	376	
95	7	52	190	290	324	189
105	3	20	98	168	195	104
115	0	0	41	78	91	42
125	0	0	3	32	43	13
135	0	0	0	1	4	1
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	766	12.99	19.84
0-40	1316	22.31	34.09
0-60	2452	41.56	63.50
0-90	3512	59.54	90.95
40-90	2196	37.22	56.87
60-90	1060	17.97	27.45
90-180	349	5.92	9.05
0-180	3862	65.46	100.00

** EFFICIENCY: 65.5% **

LUMINANCE SUMMARY - CD./SQ.M.

ANGLE	ALONG	45	ACROSS
45	4134	5041	4998
55	3677	4332	4306
65	3052	3604	4338
75	1968	3530	4643
85	903	3926	5401

PAINT REFLECTANCE: 0.85 , S/MH: 1.7
SC(ALONG): 1.2, SC(ACROSS): 1.7

CERTIFIED BY:

DATE:
DEC 20, 2005

PREPARED FOR:
LDPI LIGHTING
EAU CLAIRE, WI

TESTED IN ACCORDANCE WITH IES PROCEDURES.

LDPI LIGHTING - WET/DAMP LOCATION LUMINAIRE,CAT# 376-T8-2L-4-UNV-PR
WITH WHITE INTERIOR AND RIBBED PLASTIC WRAP LENS
TWO PHILIPS 32 WATT T8 LAMPS,CAT# F32T8/TL841. LUMEN RATING = 2950 LMS.
ONE ADVANCE ICN-2P32-SC-HAZ BALLAST OPERATING AT 120 VAC AND 53 WATTS

INTENSITY(CANDLEPOWER) DATA

ANGLE	PLANE						OUTPUT
	ALONG	22.5	45	67.5	ACROSS	AVERAGE	LUMENS
0	894	894	894	894	894	894	
5	892	890	900	911	914	901	88
10	879	885	914	933	941	910	
15	858	880	918	951	966	915	259
20	829	862	917	977	997	917	
25	793	833	920	980	1004	908	419
30	747	795	904	997	1041	897	
35	693	752	889	1020	1046	883	550
40	632	715	891	968	981	845	
45	564	674	839	873	880	777	597
50	491	620	744	769	776	692	
55	414	554	639	668	683	602	539
60	336	472	534	593	623	520	
65	260	364	447	547	591	446	444
70	182	272	385	512	556	384	
75	109	198	343	467	510	329	349
80	52	144	297	429	475	283	
85	21	108	262	388	433	246	268
90	8	75	223	335	376	206	
95	7	52	190	290	324	174	189
100	5	34	147	234	263	137	
105	3	20	98	168	195	96	104
110	1	6	66	113	133	63	
115	0	0	41	78	91	41	42
120	0	0	18	53	64	26	
125	0	0	3	32	43	14	13
130	0	0	0	10	18	5	
135	0	0	0	1	4	1	1
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	

LDPI LIGHTING - WET/DAMP LOCATION LUMINAIRE,CAT# 376-T8-2L-4-UNV-PR
WITH WHITE INTERIOR AND RIBBED PLASTIC WRAP LENS
TWO PHILIPS 32 WATT T8 LAMPS,CAT# F32T8/TL841. LUMEN RATING = 2950 LMS.
ONE ADVANCE ICN-2P32-SC-HAZ BALLAST OPERATING AT 120 VAC AND 53 WATTS

AVERAGE LUMINANCE DATA

CD./SQ.M. (FOOTLAMBERTS)

ANGLE	ALONG	22.5	45	67.5	ACROSS
0	4820(1406)	4820(1406)	4820(1406)	4820(1406)	4820(1406)
30	4547(1327)	4518(1318)	4871(1421)	5207(1519)	5394(1574)
40	4301(1255)	4415(1288)	5100(1488)	5324(1554)	5344(1559)
45	4134(1206)	4395(1282)	5041(1471)	4994(1457)	4998(1458)
50	3929(1146)	4342(1267)	4704(1373)	4613(1346)	4604(1343)
55	3677(1073)	4196(1224)	4332(1264)	4255(1241)	4306(1256)
60	3384(987)	3940(1150)	3909(1140)	4048(1181)	4193(1223)
65	3052(891)	3400(992)	3604(1052)	4062(1185)	4338(1266)
70	2585(754)	2931(855)	3470(1012)	4198(1225)	4485(1309)
75	1968(574)	2528(737)	3530(1030)	4328(1263)	4643(1355)
80	1319(385)	2284(666)	3616(1055)	4583(1337)	4965(1449)
85	903(263)	2284(666)	3926(1146)	4970(1450)	5401(1576)

LDPI LIGHTING - WET/DAMP LOCATION LUMINAIRE,CAT# 376-T8-2L-4-UNV-PR
WITH WHITE INTERIOR AND RIBBED PLASTIC WRAP LENS
TWO PHILIPS 32 WATT T8 LAMPS,CAT# F32T8/TL841. LUMEN RATING = 2950 LMS.
ONE ADVANCE ICN-2P32-SC-HAZ BALLAST OPERATING AT 120 VAC AND 53 WATTS

COEFFICIENTS OF UTILIZATION

ZONAL CAVITY METHOD

EFFECTIVE FLOOR CAVITY REFLECTANCE = .20

CC WALL	90				80				70				50			30			10			0
RCR	70	50	30	10	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	
0	0.79	0.79	0.79	0.79	0.77	0.77	0.77	0.77	0.74	0.74	0.74	0.74	0.69	0.69	0.69	0.65	0.65	0.65	0.61	0.61	0.61	0.60
1	0.71	0.67	0.64	0.61	0.69	0.65	0.62	0.59	0.66	0.63	0.60	0.57	0.59	0.57	0.55	0.55	0.54	0.52	0.52	0.51	0.49	0.47
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	0.47	0.44	0.48	0.45	0.42	0.45	0.43	0.41	0.39
3	0.59	0.51	0.45	0.40	0.57	0.49	0.44	0.39	0.54	0.48	0.43	0.39	0.45	0.41	0.37	0.42	0.39	0.36	0.40	0.37	0.34	0.33
4	0.54	0.45	0.38	0.34	0.52	0.44	0.38	0.33	0.50	0.42	0.37	0.32	0.40	0.35	0.31	0.38	0.34	0.30	0.36	0.32	0.29	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	0.26	0.33	0.29	0.26	0.31	0.28	0.25	0.23
6	0.45	0.35	0.29	0.24	0.43	0.34	0.28	0.24	0.41	0.33	0.27	0.23	0.31	0.26	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	0.38	0.30	0.24	0.20	0.28	0.23	0.20	0.27	0.22	0.19	0.25	0.21	0.18	0.17
8	0.38	0.28	0.22	0.18	0.37	0.27	0.22	0.18	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	0.32	0.24	0.19	0.15	0.23	0.18	0.14	0.22	0.17	0.14	0.20	0.16	0.14	0.13
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	0.13	0.11

LUMINAIRE INPUT WATTS = 53.0

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.