

Mod™
P-S/D-7200
Pendant-Mounted Semi-Direct

Product Description

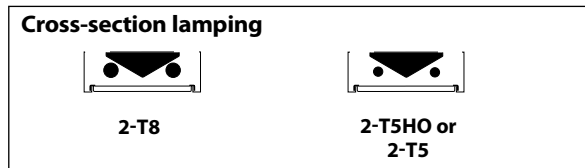
Linear modular semi-direct luminaire which offers a variety of shielding options. UL Listed. This fixture is Cradle to Cradle Silver Certified™ by MBDC.

Ordering Guide

Product, lamping, & length					
P -	S/D -	72	4	8	T5HO -
Mounting	Distribution	Series	Lamp Count	Nominal Length (ft)	Lamp Type
P Pendant-Mounted see notes	S/D Semi-Direct	72	2 →	2 →	T8
			2 →	3 →	
			2 →	4 →	
			4 →	6 →	
			4 →	8 →	T5 T5HO
			2 →	3 →	
			2 →	4 →	
			4 →	6 →	
Mounting Options - add to end of catalog number Aircraft Cables <input type="checkbox"/> FAI/ACC (field adjustable) <i>standard</i> Stems <input type="checkbox"/> P65 (stem) <input type="checkbox"/> SC/P6 (sloped ceiling) <input type="checkbox"/> EQ/P6 (earthquake)			see notes		

Options						
BW -	TCWM -	LP/ELB -	TW -	2CWQ -	F -	120
Baffle or Diffuser	Finish	Ballast	Tandem Wiring	Circuiting	Other options	Volts
BA BW SGL	TCWM (textured matte white) is standard see LiteColors™ for other finishes	ELB10 is std. for T8 LP/ELB is std. for T5 or T5HO DA/MK7 DA/MK10 DL/ECO DO/HEL see Ballast Options	-- → TW →	1CWQ 2CWQ	F LP/EF see Other options	120 277
see Baffle & Diffuser Options						
notes: Lamp count = total number of lamps in the fixture For ordering guide information in shaded areas, choose selection by reading ACROSS the shaded areas for correct specifications.						

P-S/D-7248T5HO-BW-TCWM-LP/ELB-TW-2CWQ-F-120- FAI/ACC is a typical catalog number for a 4-lamp (2 lamps in cross-section), 8-foot long, high-output T5 fixture with white blade baffle, textured matte white finish, low-profile electronic ballast, tandem-wired, pre-wired with two-circuit branch wiring and quick-connects, fuse, 120 volts, mounted with field adjustable aircraft cables.



Baffle & Diffuser Options

- BA** Blade Baffle, Metallic Gray. 3/8" high and 1/2" OC.
- BW** Blade Baffle, White. 3/8" high and 1/2" OC.
- SGL** Soft Glow Lens. Extruded, frosted acrylic, flush to bottom of fixture housing.

Ballast Options

- DA/MK7** Advance Mark VII dimming ballast
- DA/MK10** Advance Mark X dimming ballast
- DL/ECO** Lutron ECO-10 dimming ballast
- DO/HEL** Osram Sylvania dimming ballast

Tandem Wiring & Circuiting Options

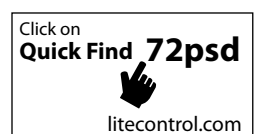
- 1CWQ** Fixture is wired with a single-circuit so that all lamps are switched together.
- TW-2CWQ** Fixtures wired with two circuits. 2-lamp in cross section fixtures, the fixture is wired such that the in-line lamps are switched separately.

Other Options

- F** Fuse. Slow or fast blow, determined by Litecontrol.
- LP/EF** Low-profile Emergency Fluorescent Ballast. Battery-powered ballast from a UL Listed manufacturer will operate one lamp for 1 1/2 hours.

Questions to Ask

1. Row information, including desired fixture lengths? 2. Lamp type?
3. Diffuser type? 4. White, LiteColor, or special color? 5. Ballast options?
6. Tandem wiring? 7. Other options? 8. 120 or 277 volt?



Specifications

HOUSING. Die-formed and welded steel, with 1/2" return at housing bottom for rigidity and appearance, furnished with 6" long, steel splines for insertion at each side of housing at junction of fixtures in rows for precise alignment. Obround slots 1" wide, along top surface of the housing provide approximately 20% uplight for ceiling illumination. Acrylic diffusing lens, .080" thick is located under slots for softening uplight component. End headers have clearance holes for easy row installation and are notched under lamps for more even diffuser luminance and continuous baffle appearance.

END CAPS. Steel, 14-gauge, with no holes or knockouts, finished to match housing. Two fasteners on each end cap allow tight attachment to ends of individual fixtures and ends of rows.

REFLECTORS. Die-formed steel with high-reflectance white finish.

LAMPING. Available in two-lamp T5, T5HO, or T8 in cross-section.

BALLAST. Electronic Ballast (**ELB10** - for T8 lamping) or Low-profile Electronic Ballast (**LP/ELB** - for T5 or T5HO lamping), high power factor, thermally protected Class P, Sound Rated A, less than 10% THD, manufactured by a UL Listed manufacturer, as available, determined by Litecontrol. Ballasts with a voltage range of 120 to 277 will be used when fixture configuration and ballast availability allow. The minimum number of ballasts will be used.


TANDEM WIRING. When selected from Ordering Guide below, fixtures wired to switch in-line lamps separately, providing two levels of light.

BALLAST DISCONNECT. Fixture supplied with a ballast disconnect device to enable compliance with the NEC.

CIRCUITING. Fixtures are supplied with #12 AWG type THHN wire for branch circuits. One end will have factory-installed push-in quick-connects. The other end will be stripped back 1/2" for quick connection in field. For fixtures with special circuits such as night light and emergency, in-field wiring may be required. See Pre-wiring information in the Litecontrol Product Guide for details.

SYSTEM CONNECTORS. Corners, tees, and crosses available. Die-formed steel. Bottom and exposed sides to be smooth with no exposed fasteners or knockouts. Each system connector shall have a rigid cross-member with a .687" diameter stem hole at center to accept any of Litecontrol's pendant assemblies.

MOUNTING. Fixture may be pendant-mounted using Litecontrol's standard suspension system.

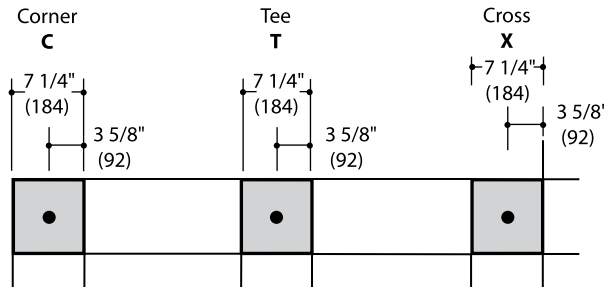
CERTIFICATION. Fixture and electrical components shall be UL and/or CUL Listed and shall bear the I.B.E.W., A.F. of L. label.  This fixture is Cradle to Cradle Certified™ Silver by MBDC. Note: Litecontrol reserves the right to change specifications without notice for product development and improvement.

System Connectors

Catalog Number

Series	Connector	Finish
P-S/D-7200	C	
P-S/D-7200	T	
P-S/D-7200	X	

P-S/D-7200-C-CWM is a typical catalog number for a 90° corner connector finished Matte White.



Planning for installation

Suspension Assemblies

Provided with P6S (5/8" dia., 3/8" NPT) stems, or 3/32" diameter field adjustable aircraft cables (**FAI/ACC**) in 51" lengths (4' nominal). Stems with 0-45° swivel joints are available. Longer length aircraft cables of 87" and 219" are available upon request. See Stems & Aircraft Cables sheets for further details.

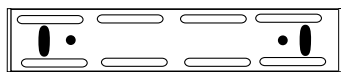
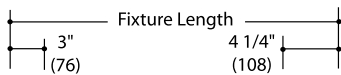
Stem Lengths

P6S stems are available in eight standard lengths from 6" to 36" (nominal). The actual ceiling-to-top-of-fixture dimensions for each of the standard lengths are: 6", 9", 12", 15", 18", 24", 28", and 36". Refer to Standard Length Stem Assemblies sheet for dimensional information on sloped ceiling (**SC/P6**) and earthquake (**EQ/P6**) stem assemblies.

Suspension mounting locations

Pendant locations at ends of rows (or individual fixtures) are 3" from fixture end. Pendant locations at in-row joints are 3" from the joint. All pendant types (cable or stem) attach to universal flat strap for mounting either at a fixture end or across two fixtures at a row joint. Strap attachment allows for horizontal adjustment to "fine-tune" side-to-side leveling.

Individual Fixture

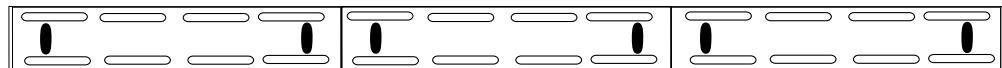


Fixture Lengths: 2', 3', 4', 6', and 8'

● 7/8" obround knockout, for pendant locations

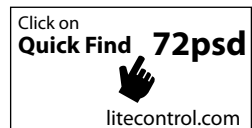
● 5/8" diameter knockout, electrical feed

Row Diagram

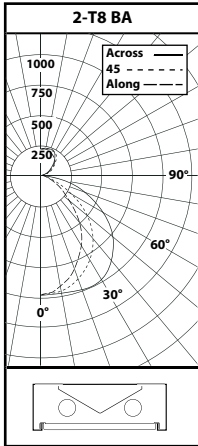


LITECONTROL

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Photometric data T8



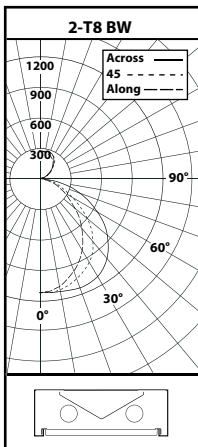
CANDLEPOWER SUMMARY						
ANGLE	0	22.5	45	67.5	90	OUTPUT LUMENS
180	211	211	211	211	211	
175	212	213	213	209	212	21
165	206	206	216	223	223	61
155	193	200	214	219	229	98
145	171	182	199	200	200	120
135	144	153	159	154	154	120
125	109	120	116	110	106	103
115	73	80	74	72	69	75
105	46	47	46	41	39	47
95	13	13	13	8	12	16
90	6	6	6	4	3	
85	4	11	11	10	27	21
75	40	40	50	90	257	92
65	90	103	126	282	439	198
55	170	212	326	496	650	326
45	354	409	537	685	805	426
35	537	588	698	845	929	448
25	703	739	823	921	978	384
15	853	868	909	956	976	259
5	949	954	961	972	966	92
0	967	967	967	967	967	

P-S/D-7224T8-BA 49.9% Efficiency																				
Litecontrol Certified Test Report #62724310																				
RCC	80			70			50			30			10			0				
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10
RCR																				
0	.57	.57	.57	.57	.54	.54	.54	.54	.49	.49	.49	.45	.45	.45	.41	.41	.41	.39		
1	.53	.51	.49	.47	.50	.48	.47	.45	.44	.43	.42	.40	.40	.39	.37	.36	.36	.34		
2	.48	.45	.42	.40	.46	.43	.41	.38	.40	.38	.36	.36	.35	.33	.33	.32	.31	.30		
3	.45	.40	.37	.34	.43	.39	.36	.33	.36	.33	.31	.33	.31	.29	.30	.29	.27	.26		
4	.41	.36	.32	.29	.39	.35	.31	.28	.32	.29	.27	.30	.27	.25	.27	.25	.24	.23		
5	.38	.32	.28	.25	.36	.31	.27	.25	.29	.26	.23	.26	.24	.22	.25	.22	.21	.20		
6	.35	.29	.25	.22	.33	.28	.24	.21	.26	.23	.20	.24	.21	.19	.22	.20	.18	.17		
7	.32	.26	.22	.19	.31	.25	.21	.19	.23	.20	.18	.22	.19	.17	.20	.18	.16	.15		
8	.30	.23	.20	.17	.28	.23	.19	.16	.21	.18	.16	.20	.17	.15	.18	.16	.14	.13		
9	.27	.21	.17	.15	.26	.20	.17	.14	.19	.16	.14	.18	.15	.13	.16	.14	.12	.11		
10	.25	.19	.15	.13	.24	.19	.15	.13	.17	.14	.12	.16	.13	.12	.15	.13	.11	.10		

Floor Cavity Reflectance .20

ZONAL LUMEN SUMMARY			
ZONE	LUMENS	% LAMP	% LUMINAIRE
180-90°	655	11.30	22.62
90-0°	2241	38.65	77.38
180-0°	2896	49.95	100.00

LUMINANCE SUMMARY (fL)			
ANGLE	0°	45°	90°
45°	727	1106	1657
55°	430	827	1651
65°	309	433	1512
75°	225	281	1447
85°	73	190	455



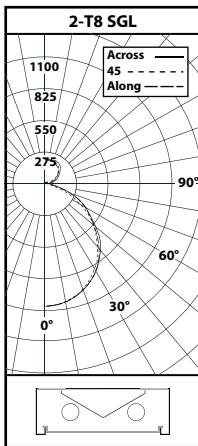
CANDLEPOWER SUMMARY						
ANGLE	0	22.5	45	67.5	90	OUTPUT LUMENS
180	269	269	269	269	269	
175	272	266	268	272	266	26
165	262	262	273	279	279	77
155	246	252	269	275	272	122
145	221	233	247	244	237	149
135	186	198	196	193	186	149
125	138	151	141	132	126	125
115	95	97	95	93	83	94
105	54	57	58	54	47	58
95	16	25	18	12	15	21
90	6	7	6	7	6	
85	31	29	28	34	47	43
75	116	118	128	157	295	163
65	221	228	246	372	506	304
55	345	372	471	614	740	450
45	541	580	698	825	925	549
35	727	772	884	999	1072	557
25	896	925	1001	1094	1142	467
15	1030	1047	1087	1123	1142	308
5	1116	1123	1129	1126	1129	108
0	1125	1125	1125	1125	1125	

P-S/D-7224T8-BW 64.9% Efficiency																				
Litecontrol Certified Test Report #62702302																				
RCC	80			70			50			30			10			0				
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10
RCR																				
0	.74	.74	.74	.74	.70	.70	.70	.64	.64	.64	.58	.58	.58	.53	.53	.53	.51			
1	.68	.65	.63	.61	.65	.63	.60	.58	.57	.56	.54	.52	.51	.50	.48	.47	.46	.44		
2	.62	.58	.54	.51	.60	.55	.52	.49	.51	.48	.46	.47	.45	.43	.43	.41	.40	.38		
3	.57	.51	.47	.43	.55	.49	.45	.42	.46	.42	.39	.42	.39	.37	.39	.36	.35	.33		
4	.53	.46	.41	.37	.50	.44	.39	.36	.41	.37	.34	.38	.34	.32	.35	.32	.30	.28		
5	.48	.41	.35	.31	.46	.39	.34	.31	.36	.32	.29	.34	.30	.27	.31	.28	.26	.24		
6	.45	.37	.31	.27	.42	.35	.30	.27	.33	.28	.25	.30	.27	.24	.28	.25	.23	.21		
7	.41	.33	.28	.24	.39	.32	.27	.23	.29	.25	.22	.27	.24	.21	.25	.22	.20	.19		
8	.38	.29	.24	.21	.36	.28	.24	.20	.26	.22	.19	.25	.21	.18	.23	.20	.17	.16		
9	.35	.27	.21	.18	.33	.26	.21	.18	.24	.20	.17	.22	.19	.16	.21	.17	.15	.14		
10	.32	.24	.19	.16	.31	.23	.19	.15	.22	.18	.15	.20	.17	.14	.19	.16	.13	.12		

Floor Cavity Reflectance .20

ZONAL LUMEN SUMMARY			
ZONE	LUMENS	% LAMP	% LUMINAIRE
180-90°	818	14.11	21.76
90-0°	2943	50.75	78.24
180-0°	3762	64.86	100.00

LUMINANCE SUMMARY (fL)			
ANGLE	0°	45°	90°
45°	1109	1437	1904
55°	871	1196	1878
65°	759	847	1743
75°	652	718	1660
85°	508	462	779



CANDLEPOWER SUMMARY						
ANGLE	0	22.5	45	67.5	90	OUTPUT LUMENS
180	245	245	245	245	245	
175	246	246	242	246	244	24
165	236	240	240	250	252	69
155	216	229	239	250	253	110
145	193	210	222	222	225	135
135	166	177	183	174	167	135
125	126	130	131	119	122	114
115	87	89	84	80	82	84
105	47	52	46	46	44	51
90	4	6	7	6	4	6
95	19	16	12	9	12	18
85	57	52	50	52	50	62
75	183	183	183	189	183	198
65	332	332	333	339	336	334
55	495	492	503	502	503	448
45	650	658	665	669	665	513
35	811	811	818	825	816	512
25	934	934	944	945	944	435
15	1029	1022	1028	1036	1027	291
5	1075	1068	1069	1079	1069	103
0	1078	1078	1078	1078	1078	

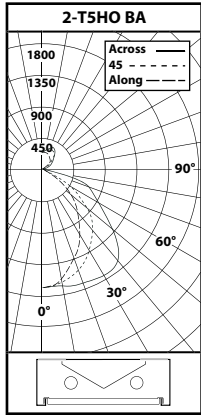
P-S/D-7224T8-SGL 62.5% Efficiency																				
Litecontrol Certified Test Report #62724600																				
RCC	80			70			50			30			10			0				
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10
RCR																				
0	.71	.71	.71	.71	.68	.68	.68	.62	.62	.62	.57	.57	.57	.52	.52	.52	.50			
1	.66	.63	.60	.58	.63	.60	.58	.56	.55	.54	.52	.51	.49	.48	.47	.46	.45	.43		
2	.60	.55	.51	.48	.57	.53	.50	.47	.49	.46	.44	.45	.43	.41	.41	.40	.38	.36		
3	.55	.49	.44	.41	.52	.47	.43	.39	.43	.40	.37	.40	.37	.35	.37	.35	.33	.31		
4	.50	.44	.39	.35	.48	.42	.37	.34	.39	.35	.32	.36	.33	.30	.33	.31	.28	.27		
5	.46	.39	.33	.29	.44	.37	.32	.29	.34	.30	.27	.32	.28	.26	.30	.27	.24	.23		
6	.43	.35	.29	.26	.41	.33	.28	.25	.31	.27	.24	.29	.25	.23	.27	.24	.21	.20		
7	.39	.31	.26	.22	.37	.30	.25	.22	.28	.24	.21	.26	.22	.20	.24	.21	.19	.17		
8	.36	.28	.23	.19	.35	.27	.22	.19	.25	.21	.18	.23	.20	.17	.22	.19	.16	.15		
9	.33	.25	.20	.17	.32	.24	.20	.16	.23	.19	.16	.21	.17	.15	.20	.16	.14	.13		
10	.31	.23	.18	.15	.30	.22	.18	.14	.21	.17	.14	.19	.16	.13	.18	.15	.13	.11		

Floor Cavity Reflectance .20

ZONAL LUMEN SUMMARY			
ZONE	LUMENS	% LAMP	% LUMINAIRE
180-90°	736	12.69	20.30
90-0°	2890	49.84	79.70
180-0°	3626	62.53	100.00

LUMINANCE SUMMARY (fL)			
ANGLE	0°	45°	90°
45°	1334	1368	1368
55°	1250	1277	1277
65°	1138	1147	1157
75°	1025	1026	1029
85°	952	835	836

Photometric data T5HO



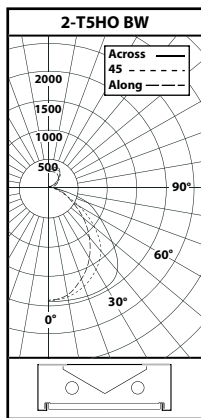
CANDLEPOWER SUMMARY						
ANGLE	0	22.5	45	67.5	90	OUTPUT LUMENS
180	242	242	242	242	242	242
175	240	236	236	250	250	24
165	236	240	268	296	299	77
155	229	254	292	334	348	135
145	205	233	299	323	316	174
135	181	223	254	233	240	176
125	153	163	171	157	153	145
115	98	111	111	98	98	104
105	56	56	52	45	42	55
95	14	7	14	14	11	18
90	11	7	11	11	11	
85	14	14	14	14	45	29
75	56	66	87	171	473	160
65	153	167	223	490	807	344
55	288	365	612	873	1082	574
45	626	709	998	1325	1530	788
35	946	1009	1252	1568	1753	810
25	1262	1294	1450	1655	1749	682
15	1502	1527	1603	1700	1739	457
5	1683	1669	1683	1708	1708	161
0	1705	1705	1705	1705	1705	

P-S/D-7224T5HO-BA 54.5% Efficiency																		
Litecontrol Certified Test Report #62726310																		
RCC	80			70			50			30			10	0				
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	0			
RCR																		
0	.62	.62	.62	.62	.60	.60	.60	.60	.55	.55	.55	.50	.50	.50	.46	.46	.46	.44
1	.58	.56	.54	.52	.56	.54	.52	.50	.50	.48	.47	.46	.45	.44	.42	.42	.41	.39
2	.53	.50	.47	.44	.51	.48	.45	.43	.44	.42	.40	.41	.39	.38	.38	.37	.36	.34
3	.49	.44	.41	.38	.47	.43	.39	.37	.40	.37	.35	.37	.35	.33	.35	.33	.31	.30
4	.45	.40	.36	.33	.44	.38	.35	.32	.36	.33	.30	.33	.31	.29	.31	.29	.27	.26
5	.42	.35	.31	.28	.40	.34	.30	.27	.32	.29	.26	.30	.27	.25	.28	.26	.24	.23
6	.39	.32	.28	.24	.37	.31	.27	.24	.29	.26	.23	.27	.24	.22	.26	.23	.21	.20
7	.36	.29	.24	.22	.34	.28	.24	.21	.26	.23	.20	.25	.22	.19	.23	.21	.19	.17
8	.33	.26	.22	.19	.31	.25	.21	.18	.24	.20	.18	.22	.19	.17	.21	.18	.16	.15
9	.30	.23	.19	.16	.29	.23	.19	.16	.21	.18	.15	.20	.17	.15	.19	.16	.14	.13
10	.28	.21	.17	.14	.27	.21	.17	.14	.19	.16	.14	.18	.15	.13	.17	.14	.12	.12

Floor Cavity Reflectance .20

ZONAL LUMEN SUMMARY			
ZONE	LUMENS	% LAMP	% LUMINAIRE
180-90°	903	10.04	18.42
90-0°	4000	44.45	81.58
180-0°	4903	54.48	100.00

LUMINANCE SUMMARY (fL)			
ANGLE	0°	45°	90°
45°	1284	2055	3150
55°	729	1553	2745
65°	525	766	2778
75°	313	487	2662
85°	237	238	755



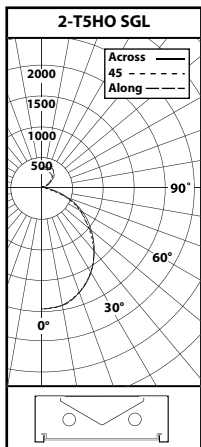
CANDLEPOWER SUMMARY						
ANGLE	0	22.5	45	67.5	90	OUTPUT LUMENS
180	293	293	293	293	293	293
175	292	292	296	306	302	29
165	296	320	330	348	361	94
155	292	320	344	393	393	162
145	275	306	351	365	365	210
135	250	275	275	282	278	213
125	195	198	202	195	181	177
115	125	143	125	125	122	129
105	66	70	66	70	70	75
95	14	14	11	14	14	22
90	14	11	7	11	14	
85	38	38	42	56	59	68
75	202	205	223	289	556	293
65	389	396	428	668	929	539
55	595	650	863	1089	1234	793
45	932	1019	1266	1558	1707	992
35	1266	1339	1541	1819	1972	987
25	1558	1600	1739	1916	1993	812
15	1781	1805	1875	1962	1975	532
5	1934	1934	1930	1972	1962	186
0	1954	1954	1954	1954	1954	

P-S/D-7224T5HO-BW 70.1% Efficiency																		
Litecontrol Certified Test Report #62726300																		
RCC	80			70			50			30			10	0				
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	0			
RCR																		
0	.80	.80	.80	.80	.77	.77	.77	.77	.71	.71	.71	.65	.65	.65	.60	.60	.60	.58
1	.74	.71	.69	.66	.71	.69	.66	.64	.63	.62	.60	.59	.57	.56	.54	.53	.52	.50
2	.68	.63	.59	.55	.65	.61	.57	.54	.56	.53	.51	.52	.50	.48	.49	.47	.45	.43
3	.63	.56	.51	.47	.60	.54	.49	.46	.50	.47	.43	.47	.44	.41	.44	.41	.39	.37
4	.58	.50	.44	.40	.55	.48	.43	.39	.45	.41	.37	.42	.38	.36	.39	.36	.34	.32
5	.53	.44	.39	.34	.50	.43	.37	.34	.40	.36	.32	.37	.34	.31	.35	.32	.29	.28
6	.49	.40	.34	.30	.46	.38	.33	.29	.36	.31	.28	.34	.30	.27	.32	.28	.26	.24
7	.45	.36	.30	.26	.43	.35	.29	.25	.32	.28	.24	.30	.26	.23	.29	.25	.22	.21
8	.41	.32	.26	.23	.40	.31	.26	.22	.29	.25	.21	.27	.23	.20	.26	.22	.20	.18
9	.38	.29	.23	.19	.36	.28	.23	.19	.26	.22	.18	.25	.21	.18	.23	.20	.17	.16
10	.35	.26	.21	.17	.34	.25	.20	.17	.24	.19	.16	.23	.18	.16	.21	.18	.15	.14

Floor Cavity Reflectance .20

ZONAL LUMEN SUMMARY			
ZONE	LUMENS	% LAMP	% LUMINAIRE
180-90°	1107	12.30	17.56
90-0°	5198	57.76	82.44
180-0°	6305	70.06	100.00

LUMINANCE SUMMARY (fL)			
ANGLE	0°	45°	90°
45°	1911	2606	3514
55°	1503	2189	3132
65°	1335	1473	3199
75°	1129	1248	3128
85°	640	701	987



CANDLEPOWER SUMMARY						
ANGLE	0	22.5	45	67.5	90	OUTPUT LUMENS
180	318	318	318	318	318	318
175	320	323	323	320	334	32
165	323	316	344	379	379	99
155	309	316	369	407	417	168
145	278	320	358	375	375	215
135	250	275	306	292	288	220
125	195	219	212	198	181	183
115	132	139	139	125	122	131
105	73	70	73	70	73	76
95	14	11	14	14	14	22
90	14	11	14	11	14	
85	84	84	84	70	73	99
75	306	316	320	316	320	338
65	581	581	595	602	598	588
55	859	876	880	894	890	793
45	1165	1168	1182	1180	1186	914
35	1437	1433	1461	1475	1464	912
25	1655	1655	1683	1697	1683	775
15	1837	1826	1837	1847	1847	521
5	1920	1902	1906	1930	1910	183
0	1928	1928	1928	1928	1928	

P-S/D-7224T5HO-SGL 69.5% Efficiency																		
Litecontrol Certified Test Report 62726600																		
RCC	80			70			50			30			10	0				
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	0			
RCR																		
0	.80	.80	.80	.80	.76	.76	.76	.76	.70	.70	.70	.65	.65	.65	.59	.59	.59	.57
1	.73	.70	.68	.65	.70	.68	.65	.63	.62	.60	.59	.57	.56	.55	.53	.52	.51	.49
2	.67	.62	.58	.54	.64	.60	.56	.52	.55	.52	.49	.51	.49	.46	.47	.45	.44	.41
3	.61	.55	.50	.46	.59	.53	.48	.44	.49	.45	.42	.46	.42	.40	.42	.40	.38	.36
4	.56	.49	.43	.39	.54	.47	.42	.38	.44	.39	.36	.41	.37	.34	.38	.35	.33	.31
5	.52	.43	.37	.33	.49	.42	.36	.32	.39	.34	.31	.36	.32	.29	.34	.31	.28	.26
6	.48	.39	.33	.29	.45	.37	.32	.28	.35	.30	.27	.33	.29	.26	.31	.27	.24	.23
7	.44	.35	.29	.25	.42	.34	.28	.24	.32	.27	.24	.29	.25	.22	.28	.24	.21	.20
8	.40	.31	.26	.22	.39	.30	.25	.21	.28	.24	.20	.27	.23	.20	.25	.21	.19	.17
9	.37	.28	.23	.19	.36	.27	.22	.19	.26	.21	.18	.24	.20	.17	.22	.19	.16	.15
10	.35	.26	.20	.17	.33	.25	.20	.16	.23	.19	.16	.22	.18	.15	.21	.17	.14	.13

Floor Cavity Reflectance .20

ZONAL LUMEN SUMMARY			
ZONE	LUMENS	% LAMP	% LUMINAIRE
180-90°	1141	12.68	18.24
90-0°	5116	56.85	81.76
180-0°	6257	69.53	100.00

LUMINANCE SUMMARY (fL)			
ANGLE	0°	45°	90°
45°	2389	2434	2441
55°	2171	2233	2259
65°	1993	2048	2061
75°	1714	1794	1798
85°	1392	1396	1219