

Arcos™ ID

P-ID-5900 & LS-P-ID-5900

Pendant-Mounted Indirect/Direct

CS™ Control Solutions available

Product Description

Die-formed steel housing with high reflectance specular aluminum side reflectors and a downlight opening. UL Listed. Cradle to Cradle Certified.™

Ordering Guide

Product, Lamping & Length						Options							
P -	ID -	59	6	8	T5HO -	SGL -	TCWM -	LP/ELB -	TW -	2CWQ -	ECSS -	120	
Mounting	Distribution	Series	Lamp Count	Nominal Length (ft)	Lamp Type	Baffle or Diffuser	Finish	Ballast	Tandem Wiring	Pre-wiring	Other Options	Volts	
P Pendant-mounted	ID Indirect/Direct	59	1, 2, 3 → 2, 4, 6 →	4 → 8 →	T5 T5HO T8	PBCWM PBCWM/O PBSS PBSS/O SGL	TCWM (textured matte white) is standard	LP/ELB is standard LPD/CS/e LPD/DIO LPD/MK7	-- → TW →	1CWQ 2CWQ	CS/dlh* CS/av/PR CS/av/PL CS/us DSR ECSS F LP/EF see Other Options	120 277	
Mounting - add to end of catalog number Aircraft cables <input type="checkbox"/> FAI/ACC (field adjustable) <i>standard</i>						see Baffle or Diffuser Options see LiteColors™ in product guide for other finishes see Ballast Options						notes: Lamp count = total number of lamps in the fixture Tandem wiring not available for one-lamp cross-section fixtures. See next page for details. For ordering guide information in shaded areas, choose selection by reading ACROSS the shaded areas for correct specifications *Must include a dimming ballast (LPD/ELB). See next page for details.	

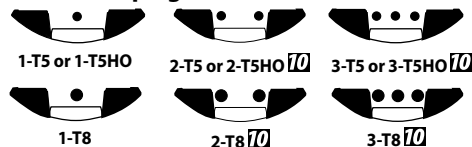
P-ID-5968T5HO-SGL-TCWM-LP/ELB-TW-2CWQ-ECSS-120-FAI/ACC is a typical catalog number for a 6-lamp (3-lamps in cross-section), 8-foot long, high-output T5 fixture with soft glow lens, textured matte white finish, low-profile electronic ballast, tandem-wired, two-circuit branch wiring with quick connects, shelf-style end caps, 120 volts, mounted with field adjustable aircraft cables.



LiteSpeed Quick-Ship

Many configurations of this fixture are available in our Litespeed 10-day quick-ship program. The "10-day" icon in the descriptions below shows which options are available in Litespeed. Litespeed orders are shipped within 10 working days of receipt of a released, cleared order. An "LS" prefix is required in front of the ordering number to have the order handled as Litespeed. Other configurations not indicated here may be available for 10-day shipment; contact Customer Service for availability. Some restrictions may apply to large orders. All Litespeed fixtures are supplied in textured white finish (TCWM).

Cross-section lamping



Baffle & Diffuser Options

- PBCWM** Radiused Parabolic Baffle finished Matte White. 30 cells producing 30° lengthwise shielding.
- PBCWM/O** Radiused Parabolic Baffle finished Matte White, with Overlay. For additional diffusing of lamp(s), Matte White acrylic overlay provided to lay over baffle blades.
- PBSS** Radiused Parabolic Semi-specular Baffle. 30 cells, producing 30° lengthwise shielding.
- PBSS/O** Radiused Parabolic Semi-specular Baffle, with Overlay. For additional diffusing of lamp(s), Matte White acrylic overlay provided to lay over baffle blades.
- SGL** Soft Glow Lens. Extruded frosted acrylic, follows contour of fixture housing.

Other Options



- CS/dlh** Daylight harvesting solution. See next page for details.
- CS/av** This fixture is compatible with the Litecontrol CS/av control solution. See next page for details.
- CS/us** Ultrasonic occupancy sensor control solution. Only available on 8-foot fixtures. See next page for details.
- DSR** Distribution Separator Reflector. Allows fixtures to deliver separate uplight and downlight with three-lamp cross-section. Requires tandem wiring (**TW**) to provide separate switching of downlight. No tools required for installation. Finish is Matte White.
- ECSS** End Cap Shelf-Style. Die-cast shelf-style end caps with no exposed fasteners.
- 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.

Ballast Options

- To have the fixture enabled for Lutron EcoSystem compatibility:**
- LPD/CS/e** EcoSystem low-profile dimming electronic ballasts installed at the factory, along with all required internal EcoSystem wiring. For other configurations of the Lutron EcoSystem components, including custom device connection feeds to enable connection to ceiling-mounted sensors and control devices, consult litecontrol.com/cs or contact the factory.
 - LPD/DIO** Universal Lighting Technologies dimming ballast (T8 & T5)
 - LPD/MK7** Advance Mark VII dimming ballast (T5HO)


Questions to Ask


1. Row information, including desired fixture lengths?
2. Lamp type? 3. Ballast options?
4. Controls solutions? 5. Other options? 6. 120 or 277 volt?

Click on **Quick Find 59id**

litecontrol.com

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 inline lamps are switched separately. 3-lamp in cross section fixtures, the fixture is wired such that the inline center lamps are switched separately from the inline outer lamps.

Specifications

HOUSING. Die-formed steel with downlight opening, 3 11/16" x 41 1/4", in each four-foot section of fixture.

Diffuser opening starts at 3 3/8" from each fixture end. At the center of eight-foot fixtures, openings are spaced 6 3/4" end-to-end, to match spacing between openings in joined fixtures.

END CAPS. Required at each end of row and at both ends of an individual fixture. Standard end cap is

die-cast sculpted end cap with no exposed fasteners. A die-cast "shelf-style" end cap (**ECSS**) is available as an option. All end caps finished to match housing.

REFLECTORS. Die-formed high-reflectance aluminum side reflectors. Optional Distribution Separator Reflector (**DSR**) allows three-lamp fixtures to deliver separately switched uplight and downlight.

LAMPING. Available in one-, two-, and three-lamp T5, T5HO, or T8. Lamp access/replacement is from above – removal of baffle is not required.

BALLAST. Low-profile Ballast (**LP/ELB**), electronic, 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 or three (three-lamp fixtures only) levels of light.


PRE-WIRING. 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 for details.

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

ROW JOINING. Fixture end headers are threaded in two locations to allow easy row joining without removing reflectors. Support points are centered above the midpoint of joint "on seam" for aligned, symmetrical appearance.

SYSTEM CONNECTORS. Corners, tees, and crosses available. Connectors are extruded aluminum 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. Die-cast joint connectors included with each corner, tee or cross.

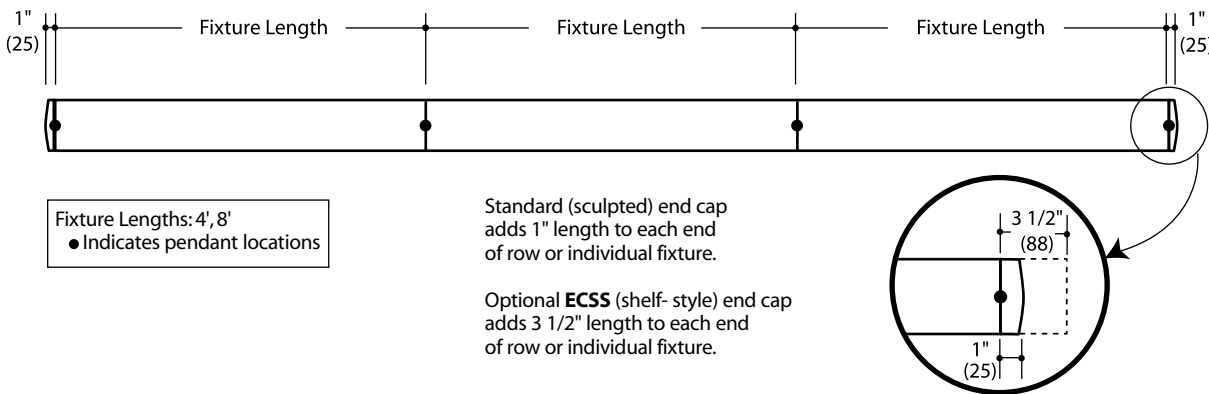
SUSPENSION. Yoke with field adjustable aircraft cable attaches directly to the end header. Mounting points in rows are exactly "on module" at 48" and 96" including at ends of rows.

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^{CM} Silver by MBDC.

Note: Litecontrol reserves the right to change specifications without notice for product development and improvement.

Planning for installation

Row diagram



LITECONTROL

100 Hawks Avenue Hanson, MA 02341
781 294 0100 f: 781 293 2849 litecontrol.com





To have the fixture supplied with the daylight harvesting control solution:

Add – **CS/dlh** to the ordering code to have a fixture-integrated daylight sensor by Watt Stopper installed at the factory, along with the appropriate electronic dimming ballast and internal wiring. For row-configured installations, one fixture integrated daylight sensor controls the entire row. See the separate CS/dlh Technical Sheet for details. Contact factory for technical assistance.

Example of Control Solutions catalog number

P-ID-5948T8-SGL-CWM-LPD/ELB-1CWQ-CS/dlh-120-FAI/ACC is the catalog number for a 4-lamp (2 lamp in cross-section) 8-foot long indirect/direct T8 fixture with a soft glow lens, finished Matte White, with low-profile electronic dimming ballast, one-circuit branch wiring and quick connects, includes daylight harvesting control solution (daylight sensor), 120 volts, mounted with field adjustable aircraft cable.



To order fixtures with the CS/av control solution, the correct fixture code is needed along with a separate code for the CS/av system. Please refer to the CS/av Technical Sheet for details on ordering the system.

For the fixture order:

ADD CS/av/PR instead of tandem wiring and circuiting in the fixture catalog number for fixtures that are perpendicular to the presentation area, to control the front 8' of luminaires in each row

ADD CS/av/PL instead of tandem wiring and circuiting in the fixture catalog number for fixtures that are parallel to the presentation area, to control the entire front row of fixtures

Ensure that the lampping shown in the fixture code (2-lamp or 3-lamp in cross-section) matches the information in the CS/av system code. Luminaire rows with CS/av/PR will require two feeds which will be supplied as a dual-feed at one end, where available, to maximize installation savings.



To have the fixture supplied with the ultrasonic occupancy sensor control solution:

Add – **CS/us** to the ordering code to have a fixture-integrated ultrasonic occupancy sensor by Watt Stopper installed at the factory. The sensor is installed in the center of an 8-foot fixture, and provides automatic on/off control of the fixture based on motion detection. See the separate CS/us Technical Sheet for details. Contact factory for technical assistance.

Example of Control Solutions catalog number

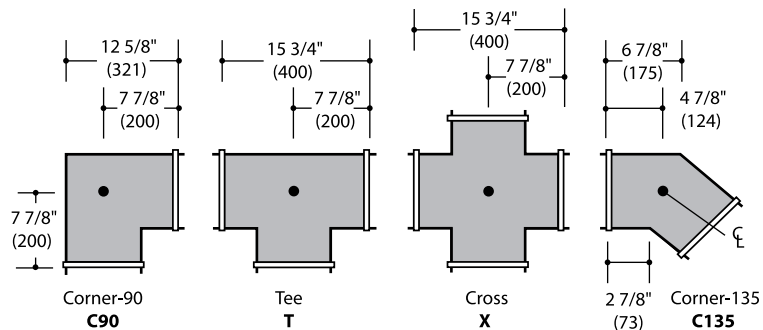
P-ID-5948T8-SGL-CWM-LPD/ELB-1CWQ-CS/us-120-FAI/ACC is the catalog number for a 4-lamp (2 lamp in cross-section) 8-foot long indirect/direct T8 fixture with a soft glow lens, finished Matte White, with low-profile electronic dimming ballast, one-circuit branch wiring and quick connects, includes ultrasonic occupancy control solution (ultrasonic occupancy sensor), 120 volts, mounted with field adjustable aircraft cable.

System connectors

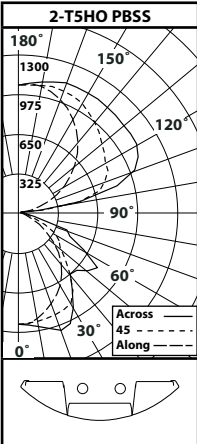
Catalog Number

Series	Connector	Finish
P-ID-5900	C90	
P-ID-5900	C135	
P-ID-5900	T	
P-ID-5900	X	

P-ID-5900-C90-TCWM is a typical catalog number for a 90° corner connector finished Textured Matte White.



Photometric data T5HO lamps



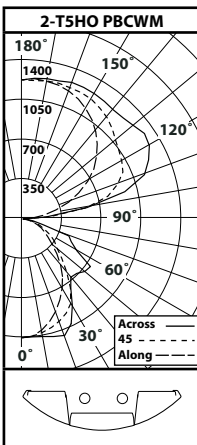
CANDLEPOWER SUMMARY						
ANGLE	0	22.5	45	67.5	90	OUTPUT LUMENS
180	1134	1134	1134	1134	1134	
175	1152	1126	1139	1149	1153	110
165	1114	1108	1159	1196	1200	327
155	1026	1053	1144	1213	1229	525
145	897	964	1088	1188	1231	676
135	741	842	1015	1165	1222	774
125	562	695	931	1131	1219	820
115	378	546	881	1088	1175	814
105	194	414	748	885	908	663
95	43	220	225	207	189	232
90	4	8	17	17	21	
85	13	13	22	25	30	25
75	42	51	79	91	144	100
65	129	151	260	357	505	281
55	298	366	440	656	860	444
45	505	596	584	618	732	473
35	670	730	846	819	833	494
25	807	838	957	1062	1093	436
15	912	918	977	1044	1070	279
5	997	985	989	1006	1006	95
0	997	997	997	997	997	

P-ID-5924T5HO-PBSS 84.0% Efficiency																		
Litecontrol Certified Test Report #62026340																		
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	0
RCR																		
0	.87	.87	.87	.87	.79	.79	.79	.79	.63	.63	.63	.49	.49	.49	.35	.35	.35	.29
1	.80	.76	.73	.71	.72	.69	.67	.64	.56	.54	.52	.43	.42	.41	.32	.31	.31	.25
2	.73	.67	.62	.58	.66	.61	.57	.53	.49	.46	.44	.39	.37	.35	.29	.27	.27	.22
3	.67	.59	.54	.49	.60	.54	.49	.45	.44	.40	.37	.34	.32	.30	.26	.24	.23	.19
4	.61	.53	.46	.42	.55	.48	.42	.38	.39	.35	.32	.31	.28	.26	.23	.21	.20	.17
5	.56	.46	.40	.35	.50	.42	.37	.33	.35	.30	.27	.27	.24	.22	.21	.19	.17	.14
6	.51	.42	.35	.30	.46	.38	.32	.28	.31	.27	.24	.25	.22	.19	.19	.17	.15	.12
7	.47	.37	.31	.26	.43	.34	.28	.24	.28	.24	.21	.22	.19	.17	.17	.15	.13	.11
8	.44	.33	.27	.23	.39	.31	.25	.21	.25	.21	.18	.20	.17	.15	.15	.13	.11	.09
9	.40	.30	.24	.20	.36	.28	.22	.18	.23	.19	.16	.18	.15	.13	.14	.11	.10	.08
10	.37	.27	.21	.18	.34	.25	.20	.16	.21	.17	.14	.16	.13	.11	.12	.10	.09	.07

Floor Cavity Reflectance .20

ZONAL LUMEN SUMMARY			
ZONE	LUMENS	% LAMP	% LUMINAIRE
180-90°	4935	54.84	65.29
90-0°	2623	29.15	34.71
180-0°	7558	83.99	100.00

LUMINANCE SUMMARY (fL)			
ANGLE	0°	45°	90°
45°	1607	1865	2338
55°	1169	1734	3388
65°	689	1390	2700
75°	366	686	1253
85°	337	561	785



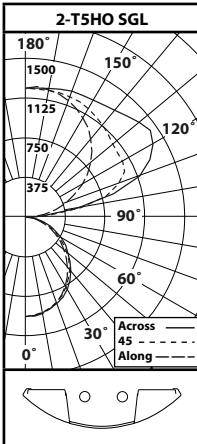
CANDLEPOWER SUMMARY						
ANGLE	0	22.5	45	67.5	90	OUTPUT LUMENS
180	1236	1236	1236	1236	1236	
175	1254	1237	1236	1250	1257	119
165	1233	1234	1249	1270	1270	355
155	1176	1192	1241	1286	1292	572
145	1077	1116	1203	1263	1275	747
135	943	1012	1134	1237	1269	869
125	775	879	1053	1241	1328	945
115	554	700	986	1179	1241	930
105	312	507	788	924	944	732
95	87	243	247	227	210	257
90	3	18	21	12	7	
85	24	25	29	33	37	40
75	99	107	115	132	189	141
65	185	193	219	309	478	269
55	276	309	350	557	738	378
45	436	501	494	573	685	416
35	622	667	746	736	749	447
25	792	817	923	1013	1025	420
15	940	940	998	1060	1079	284
5	1044	1035	1043	1056	1051	100
0	1054	1054	1054	1054	1054	

P-ID-5924T5HO-PBCWM 89.0% Efficiency																		
Litecontrol Certified Test Report #62026390																		
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	0
RCR																		
0	.91	.91	.91	.91	.82	.82	.82	.82	.65	.65	.65	.49	.49	.49	.35	.35	.35	.28
1	.84	.80	.77	.74	.75	.72	.69	.66	.57	.55	.54	.44	.42	.41	.31	.30	.30	.24
2	.76	.70	.65	.61	.68	.63	.59	.55	.50	.47	.45	.39	.37	.35	.28	.26	.26	.21
3	.70	.62	.56	.51	.63	.56	.51	.47	.45	.41	.38	.34	.32	.30	.25	.23	.22	.18
4	.64	.55	.48	.43	.57	.50	.44	.40	.40	.36	.33	.31	.28	.26	.22	.21	.19	.16
5	.59	.48	.42	.37	.52	.44	.38	.34	.35	.31	.28	.27	.24	.22	.20	.18	.17	.13
6	.54	.44	.37	.32	.48	.39	.33	.29	.32	.28	.24	.25	.22	.19	.18	.16	.15	.12
7	.50	.39	.32	.28	.44	.35	.30	.25	.29	.24	.21	.22	.19	.17	.16	.14	.13	.10
8	.46	.35	.29	.24	.41	.32	.26	.22	.26	.22	.18	.20	.17	.15	.15	.13	.11	.09
9	.42	.32	.25	.21	.38	.29	.23	.19	.23	.19	.16	.18	.15	.13	.13	.11	.10	.08
10	.39	.29	.23	.19	.35	.26	.21	.17	.21	.17	.14	.17	.14	.12	.12	.10	.09	.07

Floor Cavity Reflectance .20

ZONAL LUMEN SUMMARY			
ZONE	LUMENS	% LAMP	% LUMINAIRE
180-90°	5521	61.35	68.91
90-0°	2490	27.68	31.09
180-0°	8012	89.03	100.00

LUMINANCE SUMMARY (fL)			
ANGLE	0°	45°	90°
45°	1388	1577	2187
55°	1084	1380	2907
65°	983	1168	2557
75°	861	1005	1646
85°	613	749	963



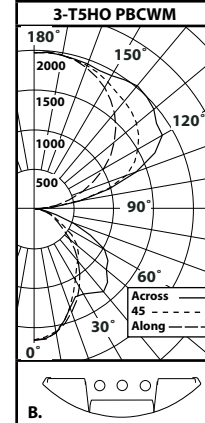
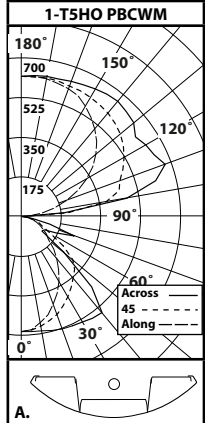
CANDLEPOWER SUMMARY						
ANGLE	0	22.5	45	67.5	90	OUTPUT LUMENS
180	1211	1211	1211	1211	1211	
175	1230	1214	1206	1212	1215	116
165	1195	1185	1207	1239	1244	344
155	1122	1134	1192	1251	1259	551
145	1017	1042	1147	1242	1280	720
135	873	940	1089	1263	1343	852
125	701	797	1049	1309	1420	942
115	495	648	1018	1215	1279	928
105	287	518	776	849	849	697
95	80	221	198	157	141	221
90	3	24	32	27	23	
85	36	40	44	48	44	57
75	133	149	157	161	169	165
65	256	264	290	294	302	282
55	393	402	418	447	454	378
45	532	539	566	579	582	433
35	671	672	693	717	716	435
25	793	788	800	817	819	371
15	881	877	876	886	881	249
5	928	920	917	922	919	88
0	927	927	927	927	927	

P-ID-5924T5HO-SGL 86.9% Efficiency																		
Litecontrol Certified Test Report #62026600																		
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	0
RCR																		
0	.89	.89	.89	.89	.80	.80	.80	.80	.63	.63	.63	.48	.48	.48	.34	.34	.34	.27
1	.82	.78	.75	.72	.73	.70	.68	.65	.56	.54	.52	.42	.41	.40	.30	.30	.29	.23
2	.74	.68	.63	.59	.67	.61	.57	.53	.49	.46	.43	.37	.35	.34	.27	.26	.25	.20
3	.68	.60	.54	.49	.61	.54	.49	.45	.43	.40	.37	.33	.31	.29	.24	.22	.21	.17
4	.62	.53	.47	.42	.56	.48	.43	.38	.39	.34	.31	.30	.27	.25	.21	.20	.18	.15
5	.57	.47	.40	.35	.51	.43	.37	.32	.34	.30	.27	.26	.23	.21	.19	.17	.16	.13
6	.52	.42	.35	.30	.47	.38	.32	.28	.31	.26	.23	.24	.21	.18	.17	.15	.14	.11
7	.48	.38	.31	.26	.43	.34	.28	.24	.28	.23	.20	.21	.18	.16	.16	.14	.12	.10
8	.44	.34	.27	.23	.40	.31	.25	.21	.25	.21	.17	.19	.16	.14	.14	.12	.10	.08
9	.41	.31	.24	.20	.37	.28	.22	.18	.22	.18	.15	.17	.14	.12	.13	.11	.09	.07
10	.38	.28	.22	.18	.34	.25	.20	.16	.20	.16	.13	.16	.13	.11	.12	.10	.08	.06

Floor Cavity Reflectance .20

ZONAL LUMEN SUMMARY			
ZONE	LUMENS	% LAMP	% LUMINAIRE
180-90°	5366	59.63	68.62
90-0°	2454	27.27	31.38
180-0°	7821	86.90	100.00

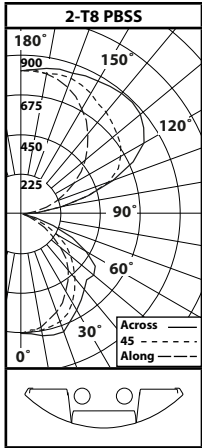
LUMINANCE SUMMARY (fL)			
ANGLE	0°	45°	90°
45°	1693	1809	1860
55°	1543	1648	1786
65°	1366	1548	1613
75°	1154	1366	1475
85°	936	1147	1148



A. P-ID-5914T5HO-PBCWM
91.9% Efficiency
Litecontrol Certified Test Report #62016340

B. P-ID-5934T5HO-PBCWM
84.4% Efficiency
Litecontrol Certified Test Report #62036390

Photometric data T8 lamps



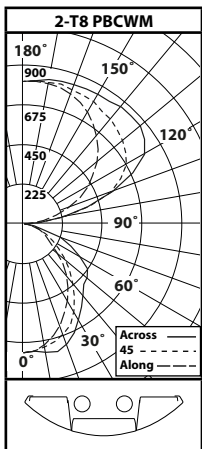
CANDLEPOWER SUMMARY						
ANGLE	0	22.5	45	67.5	90	OUTPUT LUMENS
180	791	791	791	791	791	791
175	800	795	793	800	801	76
165	772	772	800	829	828	227
155	716	738	788	828	843	362
145	632	677	744	835	861	471
135	520	587	714	828	872	547
125	408	498	672	793	828	577
115	273	397	594	665	684	526
105	145	296	386	380	384	350
95	34	89	95	91	91	109
90	4	10	22	28	28	
85	4	6	6	17	15	17
75	22	34	43	56	84	56
65	89	101	157	224	312	172
55	213	248	303	403	503	289
45	354	397	410	459	514	330
35	453	498	516	547	580	326
25	543	559	610	639	651	278
15	604	604	643	688	693	183
5	654	647	643	665	665	63
0	660	660	660	660	660	

P-ID-5924T8-PBSS 85.3% Efficiency																					
Litecontrol Certified Test Report #62024340																					
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	0
RCR																					
0	.88	.88	.88	.88	.80	.80	.80	.80	.64	.64	.64	.49	.49	.49	.36	.36	.36	.29			
1	.81	.78	.75	.72	.73	.70	.68	.65	.57	.55	.53	.44	.43	.42	.32	.32	.31	.26			
2	.74	.68	.63	.59	.67	.62	.58	.54	.50	.47	.45	.39	.37	.36	.29	.28	.27	.22			
3	.68	.60	.55	.50	.61	.55	.50	.46	.45	.41	.38	.35	.33	.31	.26	.25	.23	.20			
4	.62	.53	.47	.42	.56	.49	.43	.39	.40	.36	.33	.31	.29	.26	.23	.22	.20	.17			
5	.57	.47	.41	.36	.51	.43	.37	.33	.35	.31	.28	.28	.25	.23	.21	.19	.18	.15			
6	.52	.42	.36	.31	.47	.39	.33	.29	.32	.27	.24	.25	.22	.20	.19	.17	.15	.13			
7	.48	.38	.31	.27	.43	.35	.29	.25	.28	.24	.21	.22	.19	.17	.17	.15	.13	.11			
8	.44	.34	.28	.23	.40	.31	.25	.22	.25	.21	.18	.20	.17	.15	.15	.13	.12	.10			
9	.41	.31	.24	.20	.37	.28	.23	.19	.23	.19	.16	.18	.15	.13	.14	.12	.10	.08			
10	.38	.28	.22	.18	.34	.25	.20	.17	.21	.17	.14	.17	.14	.11	.13	.10	.09	.07			

Floor Cavity Reflectance .20

ZONAL LUMEN SUMMARY			
ZONE	LUMENS	% LAMP	% LUMINAIRE
180-90°	3240	55.86	65.47
90-0°	1708	29.46	34.53
180-0°	4948	85.32	100.00

LUMINANCE SUMMARY (fL)			
ANGLE	0°	45°	90°
45°	1125	1308	1643
55°	834	1195	1982
65°	476	837	1667
75°	195	378	732
85°	111	148	401



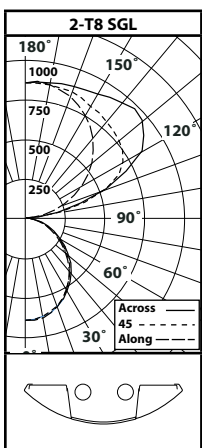
CANDLEPOWER SUMMARY						
ANGLE	0	22.5	45	67.5	90	OUTPUT LUMENS
180	815	815	815	815	815	815
175	818	811	822	828	822	79
165	807	811	828	844	844	234
155	766	787	811	846	851	376
145	695	731	784	846	855	494
135	602	657	759	844	872	580
125	480	570	713	811	845	617
115	355	465	613	679	690	561
105	193	330	392	392	379	368
95	40	101	99	95	88	110
90	4	6	6	7	4	
85	17	17	17	18	17	24
75	61	70	73	84	103	87
65	127	128	143	208	298	174
55	189	204	247	359	447	251
45	315	346	370	425	487	300
35	443	475	504	540	578	319
25	556	580	636	662	686	288
15	658	662	695	734	755	198
5	731	723	727	729	730	70
0	736	736	736	736	736	

P-ID-5924T8-PBCWM 88.3% Efficiency																					
Litecontrol Certified Test Report #62024390																					
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	0
RCR																					
0	.91	.91	.91	.91	.82	.82	.82	.82	.65	.65	.65	.50	.50	.50	.36	.36	.36	.29			
1	.83	.80	.77	.74	.75	.72	.70	.67	.58	.56	.54	.45	.44	.42	.32	.32	.31	.26			
2	.76	.70	.65	.61	.69	.63	.59	.56	.51	.48	.46	.40	.38	.36	.29	.28	.27	.22			
3	.70	.62	.56	.51	.63	.56	.51	.47	.45	.42	.39	.35	.33	.31	.26	.25	.23	.19			
4	.64	.55	.48	.43	.58	.50	.44	.40	.40	.36	.33	.32	.29	.27	.23	.22	.20	.17			
5	.59	.48	.42	.37	.53	.44	.39	.34	.36	.32	.29	.28	.25	.23	.21	.19	.18	.14			
6	.54	.44	.37	.32	.48	.40	.34	.30	.32	.28	.25	.26	.22	.20	.19	.17	.15	.13			
7	.50	.39	.33	.28	.45	.36	.30	.26	.29	.25	.22	.23	.20	.18	.17	.15	.14	.11			
8	.46	.35	.29	.24	.41	.32	.26	.22	.22	.19	.21	.18	.15	.16	.14	.12	.10	.08			
9	.42	.32	.25	.21	.38	.29	.23	.20	.24	.20	.16	.19	.16	.13	.14	.12	.10	.08			
10	.39	.29	.23	.19	.36	.26	.21	.17	.22	.18	.15	.17	.14	.12	.13	.11	.09	.08			

Floor Cavity Reflectance .20

ZONAL LUMEN SUMMARY			
ZONE	LUMENS	% LAMP	% LUMINAIRE
180-90°	3415	58.89	66.70
90-0°	1705	29.40	33.30
180-0°	5120	88.29	100.00

LUMINANCE SUMMARY (fL)			
ANGLE	0°	45°	90°
45°	1001	1182	1556
55°	742	973	1761
65°	676	766	1593
75°	528	637	903
85°	431	432	432



CANDLEPOWER SUMMARY						
ANGLE	0	22.5	45	67.5	90	OUTPUT LUMENS
180	826	826	826	826	826	826
175	839	827	828	832	834	80
165	812	812	823	844	850	235
155	762	763	811	854	865	375
145	686	715	785	867	899	496
135	585	633	758	895	945	588
125	466	541	725	850	882	623
115	330	445	632	683	678	557
105	185	330	375	363	352	353
95	42	85	81	77	76	98
90	6	4	6	4	6	
85	20	16	22	16	22	28
75	87	93	92	103	103	103
65	168	177	184	190	192	183
55	265	264	277	283	287	248
45	364	364	379	390	390	291
35	460	460	460	476	476	293
25	541	535	540	541	548	250
15	601	591	590	602	600	169
5	628	623	623	623	623	60
0	626	626	626	626	626	

P-ID-5924T8-SGL 86.6% Efficiency																					
Litecontrol Certified Test Report #62024600																					
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	0
RCR																					
0	.89	.89	.89	.89	.80	.80	.80	.80	.64	.64	.64	.48	.48	.48	.35	.35	.35	.28			
1	.82	.78	.75	.72	.73	.70	.68	.65	.56	.54	.53	.43	.42	.41	.31	.30	.30	.24			
2	.74	.68	.63	.59	.67	.62	.57	.54	.49	.46	.44	.38	.36	.34	.27	.26	.25	.21			
3	.68	.60	.54	.49	.61	.54	.49	.45	.44	.40	.37	.34	.32	.29	.25	.23	.22	.18			
4	.62	.53	.47	.42	.56	.48	.43	.38	.39	.35	.32	.30	.27	.25	.22	.20	.19	.15			
5	.57	.47	.40	.36	.51	.43	.37	.33	.35	.30	.27	.27	.24	.22	.20	.18	.16	.13			
6	.52	.42	.35	.31	.47	.38	.32	.28	.31	.27	.23	.24	.21	.19	.18	.16	.14	.11			
7	.48	.38	.31	.27	.43	.34	.29	.24	.28	.23	.20	.22	.19	.16	.16	.14	.12	.10			
8	.44	.34	.27	.23	.40	.31	.25	.21	.25	.21	.18	.20	.17	.14	.14	.12	.11	.09			
9	.41	.31	.24	.20	.37	.28	.22	.18	.23	.18	.15	.18	.15	.12	.13	.11	.09	.07			
10	.38	.28	.22	.18	.34	.25	.20	.16	.21	.17	.14	.16	.13	.11	.12	.10	.08	.07			

Floor Cavity Reflectance .20

ZONAL LUMEN SUMMARY			
ZONE	LUMENS	% LAMP	% LUMINAIRE
180-90°	3401	58.64	67.72
90-0°	1621	27.95	32.28
180-0°	5022	86.59	100.00

LUMINANCE SUMMARY (fL)			
ANGLE	0°	45°	90°
45°	1159	1211	1245
55°	1041	1093	1130
65°	893	984	1027
75°	753	801	898
85°	526		