



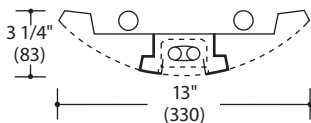
Type:
Project:

Classica™ ID

P-ID-5500

Pendant-Mounted Indirect/Direct

Specifications



U.S. Patent No. D363,805

HOUSING. Sides are die-formed steel with .062" diameter staggered holes .125" OC, 74 holes per square inch, 23% open. White acrylic diffusing panels retained behind perforated sides. Bottom of housing is .100" thick extruded aluminum.

END CAPS. Die-cast .075" thick aluminum, 1 1/2" long, with no holes or knockouts, enclosing pendant attachments and wiring. Fasteners on each end cap allow tight attachment at ends of individual fixtures and ends of rows, finished to match housing.

REFLECTOR. Die-formed specular aluminum, slotted for even light distribution across perforated housing sides.

LAMPING. Available in two-, three-, and four- lamp T8 cross-sections.

BALLAST. Electronic Ballast (ELB), high power factor, thermally protected Class P, Sound Rated A, 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. Indirect (T8) and direct (BX40 or BX50) lamps have separate ballasts and may be wired to switch separately. For indirect lamps only, **TW** designation in Ordering guide below indicates fixtures wired to switch in-line T8 lamps separately providing two (2- and 4-lamp cross-section fixtures) or three (3-lamp cross-section fixtures) levels of uplight. Note: Switching combinations may be limited by feed cord (standard provided by Litecontrol in 18/4 cord) and available ballast components. Please contact factory to determine available configurations.

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 to accommodate special circuits such as night light and emergency, etc., in-field wiring will be required. See Pre-Wiring Information for details.

SYSTEM CONNECTORS. Corners, tees, and crosses available. Connectors are .100" thick extruded aluminum, 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.

INTERMEDIATE CONNECTOR. A die-cast .075" thick aluminum intermediate connector is provided, in place, at the center of 8-foot fixtures. The same connector is supplied to join individual fixtures in rows with no visible fasteners. The connector, 2" long, matches the curved shape of the housing, and is recessed from the housing by 5/8", finished to match housing.

ROW LENGTHS. Total row length is based on total number of 2" intermediate connectors between 4-foot lamp chambers plus 1 1/2" for end cap at each end (3" total).

SUSPENSION. Aircraft cable or rigid stem pendants attach to fixture using Litecontrol's easy-hang system, with one attachment plate for use at any support point. **FAI/ACC** field adjustable 51" is standard. See Aircraft Cables and Stems for details.

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. U.S. Patent No. D363,805
Note: Litecontrol reserves the right to change specifications without notice for product development and improvement.

Ordering guide

Product, Lamping, & Length									Options						
P -	ID -	55	4	8	T8	2	8	BX40-	BA -	CWM -	TW -	ELB -	2CWQ -	EF -	120
Mounting	Distribution	Series	Lamp Count (Indirect)	Nominal Length (ft)	Indirect Lamp Type	Lamp Count (Direct)	Nominal Length (ft)	Direct Lamp Type	Diffuser	Finish	Tandem Wiring	Ballast	Pre-Wiring	Other options	Volts
P Pendant-Mounted	ID Indirect/Direct	55	2,3,4 → 4,6,8 →	4 8	T8	1 → 2 →	4 8	BX40 BX50	BA BW PARSS see Diffusers	CWM (Matte White) is standard see LiteColors™ in Product Guide for other finishes	-- → TW →	ELB is standard DA/ELB HEL/ELB ECO/ELB see Ballast options	1CWQ 2CWQ	EF F see Other options	120 277
Mounting Options - add to end of order number Aircraft Cables <input type="checkbox"/> FAI/ACC (field adjustable) standard <input type="checkbox"/> ACC (fixed) Stems <input type="checkbox"/> P6S (stem) <input type="checkbox"/> SC/P6 (sloped ceiling)			see notes			see notes									

Cross-section lamping

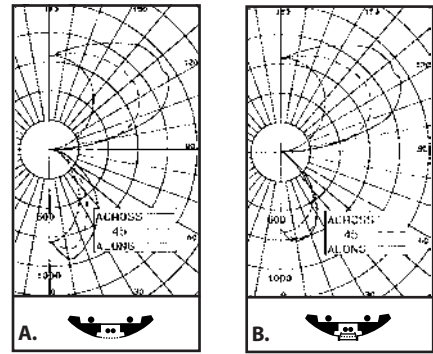


P-ID-5548T8/28BX40-BA-CWM-TW-ELB-2CWQ-EF-120-FAI-ACC is a typical catalog number for a 4-lamp indirect, 2-lamp direct (3 lamps in cross-section), 8-foot long T8/BX40 fixture with Aluminum Gray blade baffles, Matte White finish, tandem-wired electronic ballast, pre-wired with two-circuit branch wiring and quick-connects, emergency fluorescent ballast, 120 volts, mounted with field adjustable aircraft cables.

Questions to Ask

1. 120 or 277 volt?
2. Row information? Desired fixture length?
3. White, LiteColor, or special color?
4. Tandem wiring?
5. Cables or stems, what length?
6. Other options?

Photometrics



A. P-ID-5524T8/14BX40-BW
68.1% Efficiency Indirect/Direct=70/30
Litecontrol Certified Test Report #23939300

B. P-ID-5524T8/14BX40-PARSS
63.0% Efficiency Indirect/Direct=77/23
Litecontrol Certified Test Report #23939360

For complete photometric information,
see website.

Diffusers

- BA** Blade Baffles, Aluminum Gray finish. .025" thick aluminum blades, .625" high, .667" OC, curved to follow contour of fixture housing.
- BW** Blade Baffles, Matte White finish. .025" thick aluminum blades, .625" high, .667" OC, curved to follow contour of fixture housing.
- PARSS** Parabolic Semi-specular Baffles. Die-formed .016" thick semi-specular, low-iridescence anodized aluminum baffles, .75" high, 1.27" OC.

Ballast options

Specify in place of **ELB**, contact factory for availability/compatibility with lampping:

- DA/ELB** Advance Mark VII Dimming Ballast.
- HEL/ELB** Osram Sylvania Dimming Ballast.
- ECO/ELB** Lutron ECO-10 Dimming Ballast.

Other options

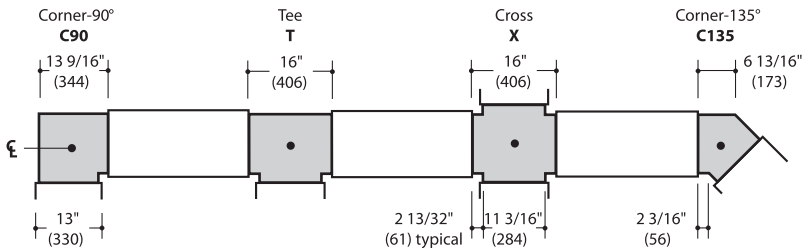
- EF** Emergency Fluorescent Ballast. Battery-powered ballast from a UL Listed manufacturer will operate one T8 or compact fluorescent lamp for 1 1/2 hours.
- F** Fuse. Slow or fast blow, determined by Litecontrol.

System connectors

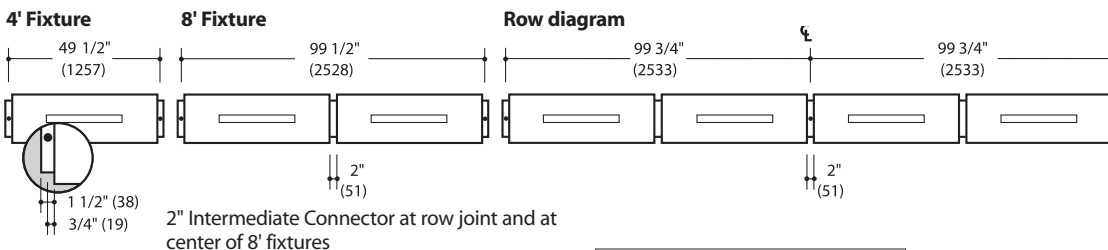
Catalog Number

Series	Connector	Finish
P-ID-5500	C90	
P-ID-5500	C135	
P-ID-5500	T	
P-ID-5500	X	

P-ID-5500-C90-CWM is a typical catalog number for a 90° corner connector finished Matte White.



Planning for installation



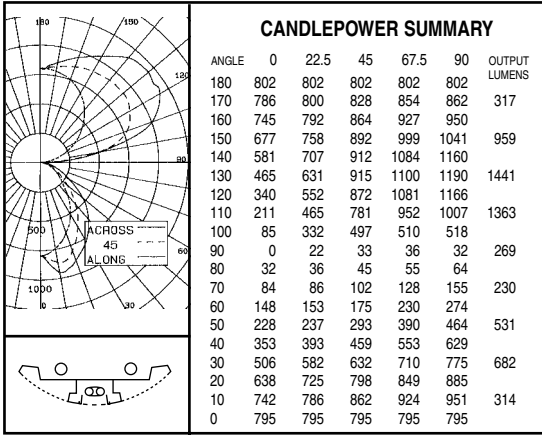
Fixture Lengths: 4'-3", 8'-5"
● Indicates pendant locations

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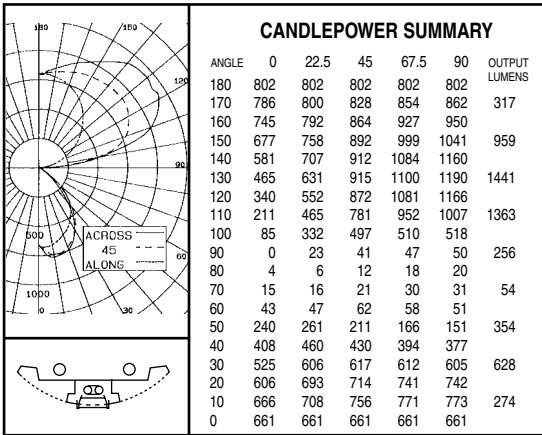
PHOTOMETRIC DATA



P-ID-5524T8/14BX40-BW 68.1% Efficiency																		
Litecontrol Certified Test Report #23939300																		
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																	
0	.70	.70	.70	.70	.62	.62	.62	.62	.49	.49	.49	.37	.37	.37	.25	.25	.25	.20
1	.64	.61	.59	.56	.57	.55	.53	.51	.43	.42	.41	.33	.32	.31	.23	.22	.22	.17
2	.58	.54	.50	.46	.52	.48	.45	.42	.38	.36	.34	.29	.28	.26	.21	.20	.19	.15
3	.53	.48	.43	.39	.48	.43	.39	.36	.34	.31	.29	.26	.24	.23	.19	.18	.17	.13
4	.49	.42	.37	.33	.44	.38	.34	.31	.31	.27	.25	.23	.21	.20	.17	.16	.15	.12
5	.45	.37	.32	.29	.40	.34	.30	.26	.27	.24	.22	.21	.19	.17	.15	.14	.13	.10
6	.41	.34	.29	.25	.37	.31	.26	.23	.25	.21	.19	.19	.17	.15	.14	.12	.11	.09
7	.38	.30	.25	.22	.34	.27	.23	.20	.22	.19	.17	.17	.15	.13	.13	.11	.10	.08
8	.35	.27	.22	.19	.32	.25	.20	.17	.20	.17	.15	.16	.13	.12	.11	.10	.09	.07
9	.33	.25	.20	.16	.29	.22	.18	.15	.18	.15	.13	.14	.12	.10	.10	.09	.08	.06
10	.30	.22	.18	.15	.27	.20	.16	.13	.17	.13	.11	.13	.11	.09	.10	.08	.07	.06
Floor Cavity Reflectance 20																		

ZONAL LUMEN SUMMARY			
ZONE	LUMENS	% LAMP	% LUMINAIRE
180-90°	4312	48.19	70.73
90-0°	1784	19.94	29.27
180-0°	6097	68.13	100.00

LUMINANCE SUMMARY (fL)			
ANGLE	0	45	90
45°	3336	4545	6661
55°	2747	3323	5440
65°	2277	2770	4268
75°	1843	2339	3534
85°	879	2155	3139



P-ID-5524T8/14BX40-PARSS 63.0% Efficiency																		
Litecontrol Certified Test Report #23939360																		
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																	
0	.64	.64	.64	.64	.56	.56	.56	.56	.43	.43	.43	.31	.31	.31	.20	.20	.20	.15
1	.58	.56	.54	.52	.52	.50	.48	.46	.38	.37	.36	.28	.27	.27	.18	.18	.18	.13
2	.53	.49	.46	.43	.48	.44	.41	.39	.34	.32	.31	.25	.24	.23	.17	.16	.16	.12
3	.49	.44	.40	.37	.44	.39	.36	.33	.31	.28	.27	.23	.21	.20	.15	.15	.14	.11
4	.45	.39	.35	.31	.40	.35	.31	.28	.28	.25	.23	.21	.19	.18	.14	.13	.13	.10
5	.42	.34	.30	.27	.37	.31	.27	.25	.25	.22	.20	.19	.17	.16	.13	.12	.11	.09
6	.38	.31	.27	.23	.34	.28	.24	.21	.22	.20	.18	.17	.15	.14	.12	.11	.10	.08
7	.35	.28	.24	.20	.31	.25	.22	.19	.20	.17	.15	.15	.14	.12	.11	.10	.09	.07
8	.33	.25	.21	.18	.29	.23	.19	.16	.18	.16	.14	.14	.12	.11	.10	.09	.08	.06
9	.30	.23	.19	.16	.27	.21	.17	.14	.17	.14	.12	.13	.11	.09	.09	.08	.07	.06
10	.28	.21	.17	.14	.25	.19	.15	.13	.15	.12	.11	.12	.10	.08	.08	.07	.06	.05
Floor Cavity Reflectance 20																		

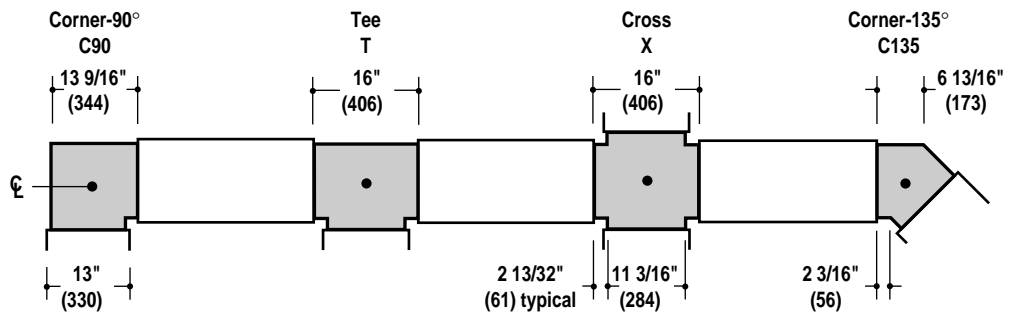
ZONAL LUMEN SUMMARY			
ZONE	LUMENS	% LAMP	% LUMINAIRE
180-90°	4314	48.21	76.53
90-0°	1323	14.78	23.47
180-0°	5637	62.99	100.00

LUMINANCE SUMMARY (fL)			
ANGLE	0	45	90
45°	3998	3893	3046
55°	1648	1803	1252
65°	504	647	809
75°	230	527	859
85°	0	686	1373

SYSTEM CONNECTORS

Catalog Number		
Series	Connector	Finish
P-ID-5500	C90	
P-ID-5500	C135	
P-ID-5500	T	
P-ID-5500	X	

P-ID-5500-C90-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 aircraft cable assemblies. Stems with 0-45° swivel joints are available. Aircraft cable is provided at fixed lengths (with 1/4-20 stud adjustment for leveling purposes), or may be ordered with "field-adjustable" fittings that allow unlimited vertical positioning and adjustment. See *Stems & Aircraft Cables* sheet for further details.

STEM LENGTHS

P6S stems are available in eight standard lengths from 6" to 36" (nominal). For Classica, the actual ceiling-to-top-of-fixture dimensions for each of the standard lengths are: 6", 9", 12", 15", 18", 24", 28", and 36". See *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 3/4" from fixture end. Pendant locations in between fixtures are at center of intermediate connector.

PLAN VIEW OF TYPICAL PENDANT LOCATIONS

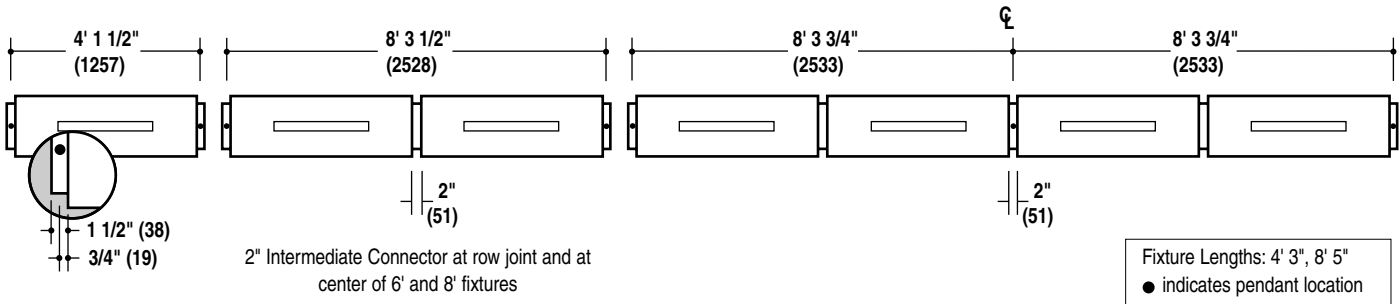
Fixtures are oversized, row information is required.

INDIVIDUAL FIXTURE

4' Fixture

8' Fixture

ROW DIAGRAM: Two 8' Fixtures in a Row



QUESTIONS TO ASK:

- 120 or 277 volt?
- Row information, including desired fixture lengths?
- White, LiteColor, or special color?
- Tandem wiring?
- Cables or stems, what length?
- Other options?