

Echelon™

P-ID-3600

Pendant-Mounted Indirect/Direct

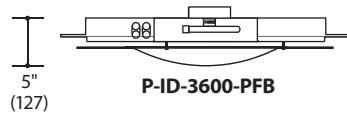
Product Description

A member of the Inde-Pendant™ family this round indirect/direct pendant fixture is layered spun steel with either a flat acrylic lens or perforated steel basket. UL Listed. This fixture is Cradle to Cradle Silver Certified™ by MBDC.

Ordering Guide

Product, lampping, & length							Options				
P -	ID -	36 -	3	0	BX39 /	21-2D	FP-	TCWM -	ELB10 -	F -	120
Mounting	Distribution	Series	Lamp Count	Nominal Length(ft)	Indirect Lamp Type	Direct Lamp Type	Diffuser	Finish	Ballast	Other Options	Volts
P Pendant-mounted	ID Indirect/Direct	36	3, 6 →	0	BX39 BX40 BX50 BX55	21-2D 38-2D	FP PFB see Diffuser Options	TCWM (textured matte white) is standard see LiteColors™ for other finishes	ELB10 (electronic ballast) see notes	EF F LK see Other options	120 277
SUSPENSION P6S/ACC X" See Planning for Installation for description. Specify Dimension "X" from ceiling to top of fixture with order.							notes: For dimming, please contact factory to determine availability of ballast types and wiring options. For ordering guide information in shaded areas, choose selection by reading ACROSS the shaded areas for correct specifications.				

P-ID-3630BX39/21-2D-FP-TCWM-ELB-F-120-P6S/ACC24" is a typical catalog number for a 3-lamp indirect 39-watt twin-tube compact fluorescent and 1-lamp direct 21-watt 2D compact fluorescent fixture with flat plastic diffuser, textured matte white finish, electronic ballast, fuse 120 volts, and combination stem/cable mounting with 24" suspension.



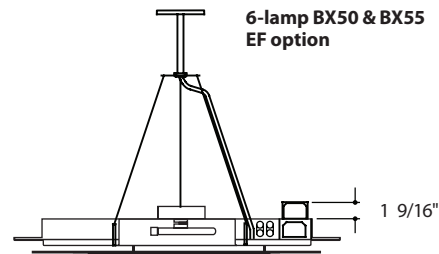
Diffuser Options

- FP** Flat Diffuser. White acrylic, 1/8" thick.
PFB Perforated Bowl. 18" diameter, 2" deep, 36% open.

Other Options

- EF** Emergency Fluorescent Ballast for BX39 and BX40*. Battery-powered ballast from a UL Listed manufacturer will operate one twin-tube compact fluorescent lamp for 1 1/2 hours. Some lampping combinations cannot accommodate an EF ballast.
F Fuse. Slow or fast blow, determined by Litecontrol.
LK Lens kit dust cover

* For EF option with 6-lamp BX, a battery pack and visible cover may be mounted to the top of the fixture. This condition also applies for some dimming ballast configurations. Contact factory for details.



Questions to Ask

- Lamp type?
- Diffuser type?
- White finish or special color?
- Other options?
- 120 or 277 volt?
- Suspension length?

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Specifications

HOUSING. Bottom housing is 35" in diameter, 16-gauge spun steel, with a 12 1/2" diameter opening in the middle. Recessed upper housing is 20-gauge spun steel. The housing incorporates a 2D direct lamp in the center of the fixture and is available with a choice of two diffusers. **P-ID-3600-FP** has a flat, 1/8" acrylic diffuser (**FP**) between two 1/8" thick aluminum rings, 30 3/4" and 22" diameter respectively. **P-ID-3600-PFB** has a perforated bowl (**PFB**), 20-gauge spun steel, 2" deep, with 5/64" staggered holes, 36% open, supported by the 30 3/4" diameter suspended ring. The perforated bowl assembly includes an acrylic diffusing sheet.


REFLECTOR. Die-formed specular hammertone aluminum.

LAMPING. The uplight component can accommodate three or six 39-, 40-, 50-, or 55-watt twin-tube compact fluorescent lamps. These lamps are 4-pin high lumen lamps. The downlight component can accommodate one 21- or 38-watt 2D lamp.

BALLAST. Electronic Ballast (**ELB10**), high power factor, thermally protected Class P, Sound Rated A, manufactured by a UL Listed manufacturer, as available, determined by Litecontrol. The minimum number of ballasts will be used.

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

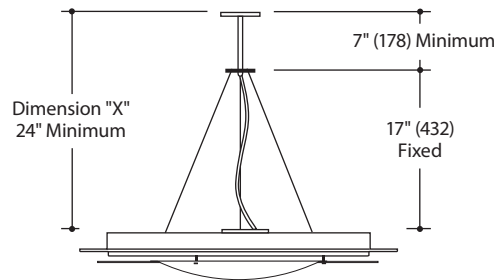
SUSPENSION. Each fixture is suspended with one P6S stem (5/8" dia., 3/8" NPT) connected to three aircraft cables with an intermediate retaining plate. The minimum recommended total suspension length is 24".

CERTIFICATION. Fixture and electrical components are UL and/or CUL Listed , and 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



PLAN VIEW



SUSPENSION ASSEMBLY & MOUNTING P6S/ACC

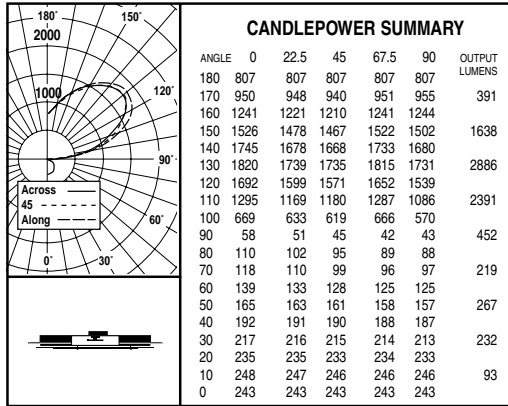
Provided with a combination P6S (5/8" diameter) stem and three-cable (3/32" diameter aircraft cable) assembly. The stem mounts to a 3 1/2" octagonal x 2 1/8" deep outlet box independently supported above the ceiling plane. The outlet box is then covered by a 5" diameter x 1/4" deep canopy (provided).

SUSPENSION LENGTH

Per the diagram above, specify the dimension "X" for ceiling-to-top-of-fixture suspension length. Standard lengths for dimension "X" available for Echelon are: 24" and 36".

The standard length of the aircraft portion of the suspension is 17", and the stem length will be determined by Litecontrol to complete the specified total suspension dimension "X". The aircraft cable attachments provide vertical adjustment to the overall suspension of about 1". For special suspension requirements, including dimensions "X" other than those listed above, contact factory.

Photometric data

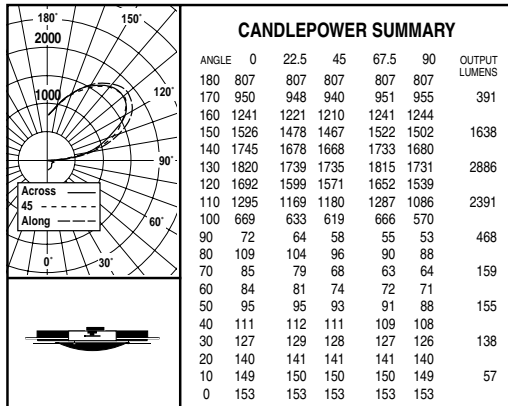


RCC	80				70				50				30				10				0
	RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	0		
RCR	0	.77	.77	.77	.77	.67	.67	.67	.67	.49	.49	.49	.31	.31	.31	.16	.16	.16	.08		
1	.70	.67	.64	.61	.61	.58	.56	.53	.52	.41	.39	.27	.26	.25	.13	.13	.13	.06			
2	.64	.58	.53	.49	.55	.51	.47	.43	.37	.34	.32	.24	.22	.21	.12	.11	.10	.05			
3	.58	.51	.46	.41	.50	.44	.40	.36	.32	.29	.27	.21	.19	.18	.10	.09	.09	.04			
4	.53	.45	.39	.35	.46	.39	.34	.31	.28	.25	.23	.18	.17	.15	.09	.08	.08	.04			
5	.48	.39	.34	.29	.42	.35	.30	.26	.25	.22	.19	.16	.14	.13	.08	.07	.06	.03			
6	.44	.35	.29	.25	.38	.31	.26	.22	.23	.19	.17	.15	.13	.11	.07	.06	.06	.03			
7	.41	.32	.26	.22	.35	.28	.23	.19	.20	.17	.14	.13	.11	.09	.07	.06	.05	.02			
8	.38	.28	.23	.19	.33	.25	.20	.17	.18	.15	.12	.12	.10	.08	.06	.05	.04	.02			
9	.35	.26	.20	.16	.30	.22	.18	.14	.16	.13	.11	.11	.09	.07	.05	.04	.04	.02			
10	.32	.23	.18	.14	.28	.20	.16	.13	.15	.12	.09	.10	.08	.06	.05	.04	.03	.01			

Floor Cavity Reflectance .20

ZONE	LUMENS	% LAMP	% LUMINAIRE
180-90°	7660	70.93	89.49
90-0°	899	8.33	10.51
180-0°	8559	79.26	100.00

ANGLE	0	45	90
45	460	435	414
55	484	433	409
65	549	435	410
75	784	553	498

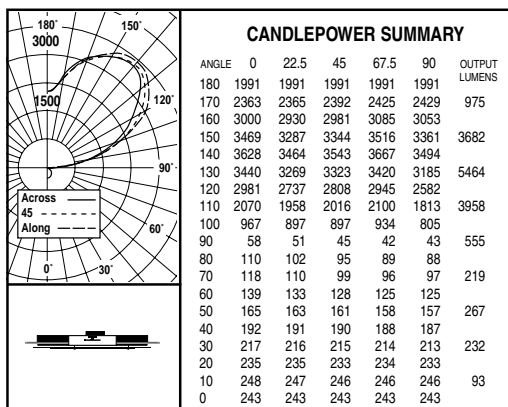


RCC	80				70				50				30				10				0
	RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	0		
RCR	0	.74	.74	.74	.74	.64	.64	.64	.64	.46	.46	.46	.29	.29	.29	.13	.13	.13	.06		
1	.67	.64	.61	.58	.58	.55	.53	.50	.39	.38	.36	.25	.24	.23	.11	.11	.11	.04			
2	.61	.56	.51	.47	.53	.48	.44	.41	.34	.32	.30	.21	.20	.19	.09	.09	.08	.03			
3	.56	.49	.44	.39	.48	.42	.38	.34	.30	.27	.25	.19	.17	.16	.08	.08	.07	.03			
4	.51	.43	.37	.33	.44	.37	.33	.29	.27	.23	.21	.17	.15	.13	.07	.07	.06	.02			
5	.46	.37	.32	.28	.40	.33	.28	.24	.24	.20	.18	.15	.13	.11	.06	.06	.05	.02			
6	.42	.34	.28	.24	.37	.29	.25	.21	.21	.18	.15	.13	.11	.10	.06	.05	.04	.02			
7	.39	.30	.25	.21	.34	.26	.21	.18	.19	.16	.13	.12	.10	.08	.05	.04	.04	.01			
8	.36	.27	.22	.18	.31	.24	.19	.16	.17	.14	.11	.11	.09	.07	.05	.04	.03	.01			
9	.33	.25	.19	.15	.29	.21	.17	.14	.15	.12	.10	.10	.08	.06	.04	.03	.03	.01			
10	.31	.22	.17	.14	.27	.19	.15	.12	.14	.11	.09	.09	.07	.06	.04	.03	.03	.01			

Floor Cavity Reflectance .20

ZONE	LUMENS	% LAMP	% LUMINAIRE
180-90°	7664	70.96	92.64
90-0°	609	5.64	7.36
180-0°	8273	76.60	100.00

ANGLE	0	45	90
45	264	252	237
55	284	248	229
65	355	266	245
75	657	452	397



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	.74	.74	.74	.74	.64	.64	.64	.64	.45	.45	.45	.28	.28	.28	.12	.12	.12	.04		
1	.67	.64	.61	.58	.58	.55	.53	.50	.39	.37	.36	.24	.23	.22	.10	.10	.10	.03			
2	.61	.55	.51	.47	.52	.48	.44	.41	.34	.32	.30	.21	.20	.19	.09	.08	.08	.03			
3	.55	.49	.44	.39	.48	.42	.38	.35	.30	.27	.25	.18	.17	.16	.08	.07	.07	.02			
4	.50	.43	.37	.33	.43	.37	.32	.29	.26	.23	.21	.16	.15	.13	.07	.06	.06	.02			
5	.46	.37	.32	.28	.40	.33	.28	.24	.23	.20	.18	.14	.13	.11	.06	.05	.05	.02			
6	.42	.34	.28	.24	.36	.29	.24	.21	.21	.18	.15	.13	.11	.10	.06	.05	.04	.01			
7	.39	.30	.24	.21	.33	.26	.21	.18	.19	.15	.13	.12	.10	.08	.05	.04	.04	.01			
8	.36	.27	.22	.18	.31	.23	.19	.16	.17	.14	.11	.11	.09	.07	.04	.04	.03	.01			
9	.33	.24	.19	.16	.28	.21	.17	.14	.15	.12	.10	.09	.08	.06	.04	.03	.03	.01			
10	.31	.22	.17	.14	.26	.19	.15	.12	.14	.11	.09	.09	.07	.06	.04	.03	.02	.01			

Floor Cavity Reflectance .20

ZONE	LUMENS	% LAMP	% LUMINAIRE
180-90°	14535	71.78	94.17
90-0°	899	4.44	5.83
180-0°	15434	76.22	100.00

ANGLE	0	45	90
45	460	435	414
55	484	433	409
65	549	435	410
75	784	553	498

