

## Mantra™

P-ID-3700

Pendant-Mounted Indirect/Direct

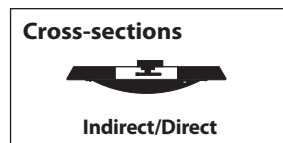
### Product Description

A member of the Inde-Pendant™ family this round indirect/direct pendant fixture is beveled spun steel with a bowl-shaped acrylic lens. UL Listed. This fixture is Cradle to Cradle Silver Certified™ by MBDC.

## Ordering Guide

Product, lamping, & length							Options				
<b>P -</b>	<b>ID -</b>	<b>37</b>	<b>3</b>	<b>0</b>	<b>BX39</b> /	<b>21-2D</b>	<b>WAB-</b>	<b>TCWM -</b>	<b>ELB10 -</b>	<b>F -</b>	<b>120</b>
Mounting	Distribution	Series	Lamp Count	Nominal Length(ft)	Indirect Lamp Type	Direct Lamp Type	Diffuser	Finish	Ballast	Other Options	Volts
<b>P</b> Pendant-mounted	<b>ID</b> Indirect/Direct	<b>37</b>	<b>3, 6 →</b>		<b>BX39</b> <b>BX40</b> <b>BX50</b> <b>BX55</b>	<b>21-2D</b> <b>38-2D</b>	<b>WAB</b>  (white acrylic bowl)	<b>TCWM</b> (textured matte white) is standard  see <b>LiteColors™</b> for other finishes	<b>ELB10</b> (electronic ballast)  see <b>notes</b>	<b>EF</b> <b>F</b> <b>LK</b> see <b>Other options</b>	<b>120</b> <b>277</b>
<b>SUSPENSION P6S/ACC X"</b> See Planning for Installation for description. Specify Dimension "X" from ceiling to top of fixture with order.							<b>notes:</b> 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 <b>ACROSS</b> the shaded areas for correct specifications.				

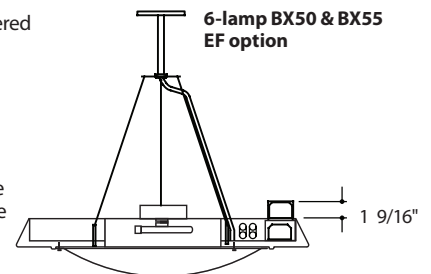
**P-ID-3730BX39-21-2D-WAB-TCWM-ELB-F-120-P6S/ACC36"** is a typical catalog number for a 3-lamp indirect 39-watt twin-tube compact fluorescent and 1-lamp direct 21-watt 2D compact fluorescent fixture with white acrylic bowl diffuser, textured matte white finish, electronic ballast, fuse, 120 volts, and combination stem/cable mounting with 36" suspension.



### 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 lamping 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.



## Specifications

**HOUSING.** Bottom housing is 31 7/8" in diameter, 16-gauge spun steel, with a 12 1/2" diameter opening in the middle. Recessed chassis is 20-gauge spun steel. The housing incorporates a 2D direct lamp in the center of the fixture and a 23 1/4" diameter 1/8" thick white acrylic bowl (**WAB**) as downlight shield.

**REFLECTOR.** Die-formed specular hammertone aluminum.

**LAMPING.** The upright 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.

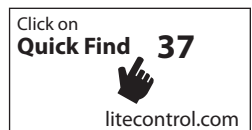
**SUSPENSION.** Each fixture is suspended with one P6S stem (5/8" dia., 3/8" NPT) connected to three aircraft cables with an intermediate retaining plate. The minimum recommended total suspension length is 24".

**CERTIFICATION.** Fixture and electrical components are UL and/or CUL Listed (UL LISTED), and bear the I.B.E.W., A.F. of L. label. This fixture is Cradle to Cradle Certified™ Silver by MBDC.

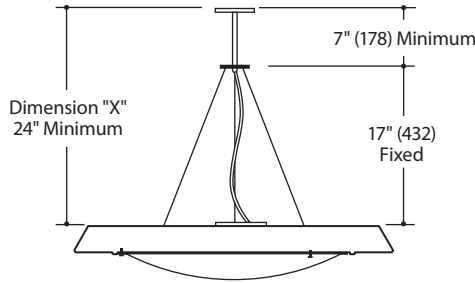
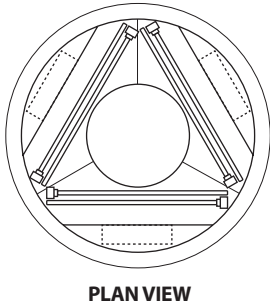
Note: Litecontrol reserves the right to change specifications without notice for product development and improvement.

### Questions to Ask

1. Lamp type?
2. White finish or special color?
3. Other options?
4. 120 or 277 volt?
5. Suspension length?



Planning for installation



SUSPENSION ASSEMBLY & MOUNTING

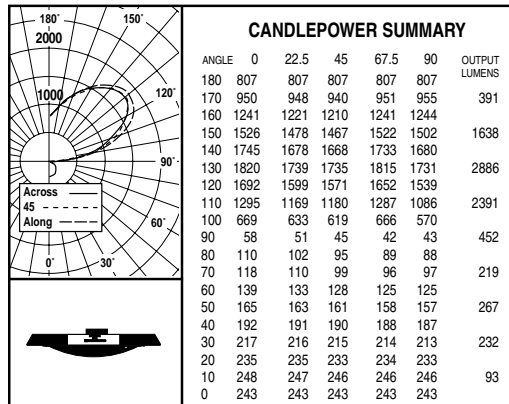
**P6S/ACC** Provided with a combination P6S (5/8" diameter) stem and three-cable (3/32" diameter aircraft cable) assembly. The stem mounts to a 3 1/2" octagonal x 2 1/8" deep outlet box independently supported above the ceiling plane. The outlet box is then covered by a 5" diameter x 1/4" deep canopy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

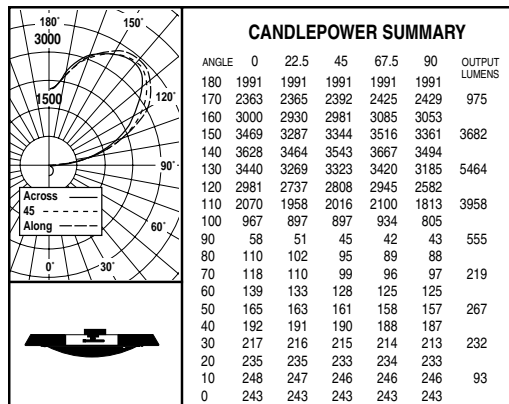


P-ID-3730BX40/21-WAB																					
79.3% Efficiency																					
Litecontrol Certified Test Report #26540020																					
RCC	80				70				50				30				10				0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	0
RCR																					
0	.77	.77	.77	.77	.67	.67	.67	.67	.49	.49	.49	.31	.31	.31	.16	.16	.16	.08	.08	.08	.06
1	.70	.67	.64	.61	.61	.58	.56	.53	.42	.41	.39	.27	.26	.25	.13	.13	.13	.07	.07	.07	.06
2	.64	.58	.53	.49	.55	.51	.47	.43	.37	.34	.32	.24	.22	.21	.12	.11	.10	.05	.05	.05	.05
3	.58	.51	.46	.41	.50	.44	.40	.36	.32	.29	.27	.21	.19	.18	.10	.09	.09	.04	.04	.04	.04
4	.53	.45	.39	.35	.46	.39	.34	.31	.28	.25	.23	.18	.17	.15	.09	.08	.08	.04	.04	.04	.04
5	.48	.39	.34	.29	.42	.35	.30	.26	.25	.22	.19	.16	.14	.13	.08	.07	.06	.03	.03	.03	.03
6	.44	.35	.29	.25	.38	.31	.26	.22	.23	.19	.17	.15	.13	.11	.07	.06	.06	.03	.03	.03	.03
7	.41	.32	.26	.22	.35	.28	.23	.19	.20	.17	.14	.13	.11	.09	.07	.06	.05	.02	.02	.02	.02
8	.38	.28	.23	.19	.33	.25	.20	.17	.18	.15	.12	.12	.10	.08	.06	.05	.04	.02	.02	.02	.02
9	.35	.26	.20	.16	.30	.22	.18	.14	.16	.13	.11	.11	.09	.07	.05	.04	.04	.02	.02	.02	.02
10	.32	.23	.18	.14	.28	.20	.16	.13	.15	.12	.09	.10	.08	.06	.05	.04	.03	.01	.01	.01	.01
Floor Cavity Reflectance .20																					

ZONAL LUMEN SUMMARY				
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	

LUMINANCE SUMMARY (fL)				
ANGLE	0	45	90	
45	460	435	414	
55	484	433	409	
65	549	435	410	
75	784	553	498	



P-ID-3760BX40/21-WAB																					
76.2% Efficiency																					
Litecontrol Certified Test Report #26670021																					
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	.74	.74	.74	.74	.64	.64	.64	.64	.45	.45	.45	.28	.28	.28	.12	.12	.12	.04	.04	.04	.04
1	.67	.64	.61	.58	.58	.55	.53	.50	.39	.37	.36	.24	.23	.22	.10	.10	.10	.03	.03	.03	.03
2	.61	.55	.51	.47	.52	.48	.44	.41	.34	.32	.30	.21	.20	.19	.09	.08	.08	.03	.03	.03	.03
3	.55	.49	.44	.39	.48	.42	.38	.35	.30	.27	.25	.18	.17	.16	.08	.07	.07	.02	.02	.02	.02
4	.50	.43	.37	.33	.43	.37	.32	.29	.26	.23	.21	.16	.15	.13	.07	.06	.06	.02	.02	.02	.02
5	.46	.37	.32	.28	.40	.33	.28	.24	.23	.20	.18	.14	.13	.11	.06	.05	.05	.02	.02	.02	.02
6	.42	.34	.28	.24	.36	.29	.24	.21	.21	.18	.15	.13	.11	.10	.06	.05	.04	.01	.01	.01	.01
7	.39	.30	.24	.21	.33	.26	.21	.18	.19	.15	.13	.12	.10	.08	.05	.04	.04	.01	.01	.01	.01
8	.36	.27	.22	.18	.31	.23	.19	.16	.17	.14	.11	.11	.09	.07	.04	.04	.03	.01	.01	.01	.01
9	.33	.24	.19	.16	.28	.21	.17	.14	.15	.12	.10	.09	.08	.06	.04	.03	.03	.01	.01	.01	.01
10	.31	.22	.17	.14	.26	.19	.15	.12	.14	.11	.09	.09	.07	.06	.04	.03	.02	.01	.01	.01	.01
Floor Cavity Reflectance .20																					

ZONAL LUMEN SUMMARY				
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	

LUMINANCE SUMMARY (fL)				
ANGLE	0	45	90	
45	460	435	414	
55	484	433	409	
65	549	435	410	
75	784	553	498	

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