

## Mantra jr™

P-ID-37JR

Pendant-Mounted Indirect/Direct

### Product Description

A member of the Inde-Pendant™ family this round indirect/direct pendant fixture is a smaller version of Mantra. 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>37JR</b>	<b>4</b>	<b>0</b>	<b>T26</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>37JR</b>	<b>4</b> →	<b>0</b>	<b>T26</b> <b>T32</b> <b>T42</b>	<b>21-2D</b>	<b>WAB</b> (white acrylic bowl)	<b>TCWM</b> (textured matte white) is standard  see website for other <b>Product Finishes</b>	<b>ELB10</b> is standard <b>DA/MK7</b>  see <b>Ballast Options</b>	<b>F</b>  see <b>Other Options</b>	<b>120</b> <b>277</b>
<b>Mounting Options</b> - add to end of order number <input type="checkbox"/> P65/ACC standard <input type="checkbox"/> P65							<b>notes:</b> For ordering guide information in shaded areas, choose selection by reading <b>ACROSS</b> the shaded areas for correct specifications.				

**P-ID-37JR40T26-21-2D-WAB-TCWM-ELB10-F-120-P65/ACC18"** is a typical catalog number for a 4-lamp indirect 26-watt triple-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 18" suspension.



### Ballast Options

**DA/MK7** Dimming electronic ballast, Advance Mark VII. Available for 26-watt and 32-watt lamps in 120V and 277V only.

**For applications requiring an emergency fluorescent ballast, remote ballast mounting is required. Please consult factory for details.**

### Other Options

**F** Fuse. Slow or fast blow, determined by Litecontrol.

### Specifications

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

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

**LAMPING.** The upright component can accommodate four 26-, 32-, or 42-watt triple-tube compact fluorescent lamps. The downlight component can accommodate one 21-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 P65 stem (5/8" dia., 3/8" NPT), or one P65 stem plus three aircraft cables and an intermediate retaining plate. The minimum recommended total suspension length is 18".

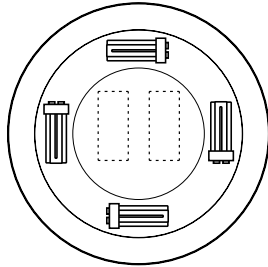
**CERTIFICATION.** Fixture and electrical components are UL and/or CUL Listed (UL LISTED), and bear the I.B.E.W., A.F. of L. label. This fixture is Cradle to Cradle Certified™ Silver by MBDC. Note: Litecontrol reserves the right to change specifications without notice for product development and improvement.

### Questions to Ask

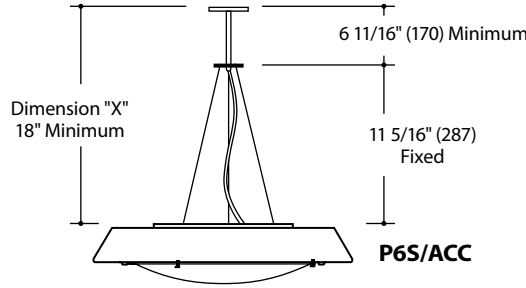
1. Lamp type?
2. White finish or other?
3. Other options?
4. 120 or 277 volt?
5. Suspension length?



Planning for installation



PLAN VIEW

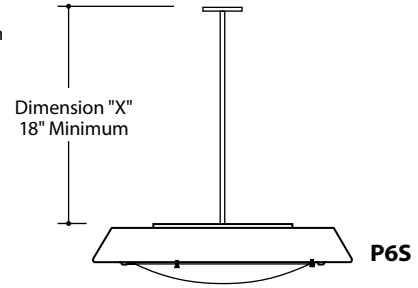


6 11/16" (170) Minimum

Dimension "X"  
18" Minimum

11 5/16" (287)  
Fixed

P6S/ACC



Dimension "X"  
18" Minimum

P6S

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).

**P6S** Provided with a single P6S (5/8" diameter) stem. 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

**P6S/ACC** Per the diagram above, specify the dimension "X" for ceiling-to-top-of-fixture suspension length. Standard lengths for dimension "X" available for Mantra jr are: 18", 24", and 36".

The standard length of the aircraft cable portion of the suspension is 11 5/16", 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.

**P6S** Per the diagram above, specify the dimension "X" for ceiling-to-top-of-fixture suspension length. Standard lengths for dimension "X" available for Mantra jr are: 18", 24", and 36".

Photometric data

CANDLEPOWER SUMMARY							OUTPUT LUMENS
ANGLE	0	22.5	45	67.5	90		
180	2163	2163	2163	2163	2163		916
170	2365	2347	2347	2368	2363		
160	2609	2502	2519	2636	2623		
150	2619	2416	2448	2643	2618		2709
140	2362	2167	2218	2382	2401		
130	1943	1759	1833	1981	1961		3102
120	1466	1259	1347	1511	1483		
110	942	760	844	978	931		1794
100	438	311	330	467	434		
90	4	5	5	5	4		210
80	21	22	22	22	23		
70	49	49	51	51	52		103
60	77	78	80	80	82		
50	103	105	107	109	111		177
40	127	129	132	134	137		
30	148	150	153	155	158		165
20	163	165	168	171	175		
10	172	174	178	181	185		67
0	182	182	182	182	182		

P-ID-37JR40T42/21-WAB													65.3% Efficiency								
Litecontrol Certified Test Report #31359020																					
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
0	.63	.63	.63	.63	.54	.54	.54	.54	.38	.38	.38	.24	.24	.24	.10	.10	.10	.10	.04		
1	.57	.55	.52	.50	.49	.47	.45	.43	.33	.32	.31	.21	.20	.19	.09	.09	.08	.03			
2	.52	.48	.44	.41	.45	.41	.38	.36	.29	.27	.26	.18	.17	.16	.08	.07	.07	.03			
3	.48	.42	.38	.34	.41	.36	.33	.30	.26	.24	.22	.16	.15	.14	.07	.06	.06	.02			
4	.43	.37	.32	.29	.37	.32	.28	.25	.23	.20	.18	.14	.13	.12	.06	.06	.05	.02			
5	.40	.32	.28	.24	.34	.28	.24	.21	.20	.18	.16	.13	.11	.10	.05	.05	.04	.02			
6	.36	.29	.24	.21	.31	.25	.21	.18	.18	.15	.13	.11	.10	.09	.05	.04	.04	.01			
7	.33	.26	.21	.18	.29	.23	.19	.16	.16	.13	.12	.10	.09	.07	.04	.04	.03	.01			
8	.31	.23	.19	.16	.27	.20	.16	.14	.15	.12	.10	.09	.08	.06	.04	.03	.03	.01			
9	.29	.21	.17	.14	.25	.18	.15	.12	.13	.11	.09	.08	.07	.06	.04	.03	.03	.01			
10	.27	.19	.15	.12	.23	.17	.13	.11	.12	.10	.08	.08	.06	.05	.03	.03	.02	.01			
Floor Cavity Reflectance .20																					

ZONAL LUMEN SUMMARY			
ZONE	LUMENS	% LAMP	% LUMINAIRE
180-90°	8712	61.57	94.35
90-0°	521	3.69	5.65
180-0°	9234	65.26	100.00

LUMINANCE SUMMARY (fL)			
ANGLE	0	45	90
45	248	251	256
55	238	237	243
65	222	220	222
75	199	190	189
85	156	144	119