

Echelon jr™

P-ID-36JR

Pendant-Mounted Indirect/Direct

Product Description

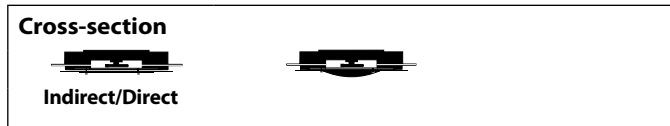
A member of the Inde-Pendant™ family this round indirect/direct pendant fixture is a smaller version of Echelon. Layered spun steel with either a flat acrylic lens or perforated steel basket. UL Listed. This fixture is Cradle to Cradle Silver Certified™ by MBDC.

Ordering Guide

Product, lamping, & length						
P -	ID -	36JR	4	0	T26 /	21-2D-
Mounting	Distribution	Series	Lamp Count	Nominal Length(ft)	Indirect Lamp Type	Direct Lamp Type
P Pendant-mounted	ID Indirect/Direct	36JR	4 →	0	T26 T32 T42	21-2D
Mounting Options - add to end of order number <input type="checkbox"/> P6S/ACC standard <input type="checkbox"/> P6S						

Options				
FP -	TCWM -	ELB10 -	F -	120
Diffuser	Finish	Ballast	Other Options	Volts
FP PFB see Diffuser Options	TCWM (textured matte white) is standard see website for other Product Finishes	ELB10 is standard DA/MK7 see Ballast Options	F see Other Options	120 277
notes: For ordering guide information in shaded areas, choose selection by reading ACROSS the shaded areas for correct specifications.				

P-ID-36JR40T26/21-2D-FP-TCWM-ELB10-F-120-P6S24" 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 flat plastic diffuser, textured matte white finish, electronic ballast, fuse, 120 volts, and stem mounting with 24" suspension.



Diffusers

- FP** Flat Diffuser. White acrylic, 1/8" thick.
- PFB** Perforated Bowl. 10 3/4" diameter, 1 3/16" deep, 36% open.

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 24 1/2" in diameter, 16-gauge spun steel. 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-36JR-FP** has a flat, 1/8" acrylic diffuser (**FP**) between two 1/8" thick aluminum rings, 21 1/4" and 14" diameter respectively. **P-ID-36JR-PFB** has a perforated bowl (**PFB**), 20-gauge spun steel, 1 3/16" deep with 5/64" staggered holes, 36% open, supported by the suspended ring. The perforated bowl assembly includes an acrylic diffusing sheet.

REFLECTOR. Die-formed specular hammertone aluminum.

LAMPING. The uplight 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 P6S stem (5/8" dia., 3/8" NPT), or one P6S 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.

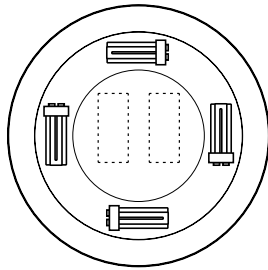
Questions to Ask

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

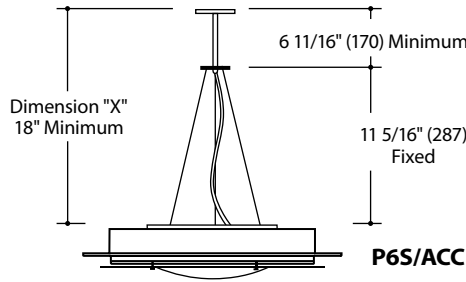


Planning for installation

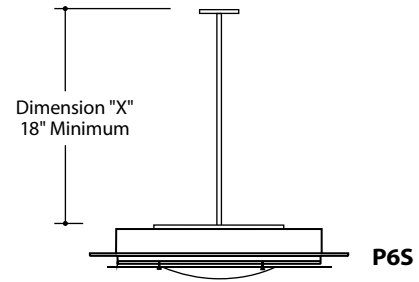
Echelon jr P-ID-36JR



PLAN VIEW



P6S/ACC



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).

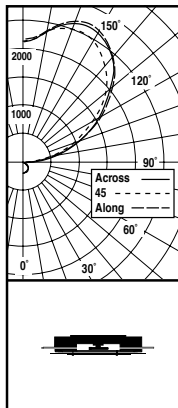
SUSPENSION LENGTH

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 Echelon 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 Echelon jr are: 18", 24", and 36".

Photometric data



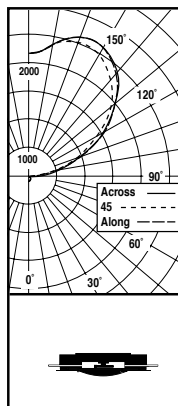
CANDLEPOWER SUMMARY

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

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



CANDLEPOWER SUMMARY

ANGLE	0	22.5	45	67.5	90	OUTPUT LUMENS
180	2163	2163	2163	2163	2163	916
170	2365	2347	2347	2368	2363	916
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120	1466	1259	1347	1511	1483	3102
110	942	760	844	978	931	1794
100	438	311	330	467	434	1794
90	0	1	0	1	0	197
80	2	3	3	3	3	197
70	8	9	9	10	10	22
60	20	20	21	21	22	22
50	36	36	37	37	39	62
40	52	53	53	55	56	62
30	67	68	69	71	73	75
20	79	81	82	84	86	75
10	88	90	92	94	96	35
0	96	96	96	96	96	35

P-ID-36JR40T42/21-PFB													62.9% Efficiency											
Litecontrol Certified Test Report #31359990																								
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	50	30	10	
RCR																								
0	.60	.60	.60	.60	.52	.52	.52	.52	.36	.36	.36	.21	.21	.21	.08	.08	.08	.08	.01	.01	.01	.01		
1	.55	.52	.50	.48	.47	.45	.43	.41	.31	.30	.29	.18	.18	.17	.07	.07	.06	.06	.01	.01	.01	.01		
2	.50	.46	.42	.39	.43	.39	.36	.34	.27	.25	.24	.16	.15	.14	.06	.06	.05	.05	.01	.01	.01	.01		
3	.46	.40	.36	.33	.39	.34	.31	.28	.24	.22	.20	.14	.13	.12	.05	.05	.05	.05	.01	.01	.01	.01		
4	.41	.35	.31	.27	.35	.30	.27	.24	.21	.19	.17	.13	.11	.10	.05	.04	.04	.04	.01	.01	.01	.01		
5	.38	.31	.27	.23	.32	.27	.23	.20	.19	.16	.15	.11	.10	.09	.04	.04	.03	.03	.01	.01	.01	.01		
6	.35	.28	.23	.20	.30	.24	.20	.17	.17	.14	.13	.10	.09	.08	.04	.03	.03	.03	.01	.01	.01	.01		
7	.32	.25	.20	.17	.27	.21	.18	.15	.15	.13	.11	.09	.08	.07	.03	.03	.03	.03	.01	.01	.01	.01		
8	.29	.22	.18	.15	.25	.19	.16	.13	.14	.11	.09	.08	.07	.06	.03	.03	.02	.02	.01	.01	.01	.01		
9	.27	.20	.16	.13	.23	.17	.14	.11	.12	.10	.08	.07	.06	.05	.03	.02	.02	.02	.01	.01	.01	.01		
10	.25	.18	.14	.11	.22	.16	.12	.10	.11	.09	.07	.07	.05	.05	.03	.02	.02	.02	.01	.01	.01	.01		
Floor Cavity Reflectance .20																								

ZONAL LUMEN SUMMARY			
ZONE	LUMENS	% LAMP	% LUMINAIRE
180-90°	8711	61.56	97.86
90-0°	190	1.35	2.14
180-0°	8901	62.91	100.00

LUMINANCE SUMMARY (fL)			
ANGLE	0	45	90
45	94	94	99
55	71	71	75
65	47	47	50
75	29	26	25
85	17	13	12

LITECONTROL

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