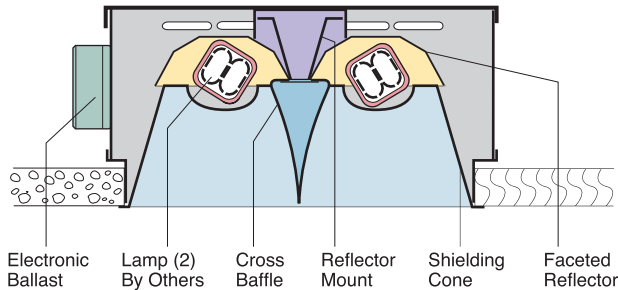
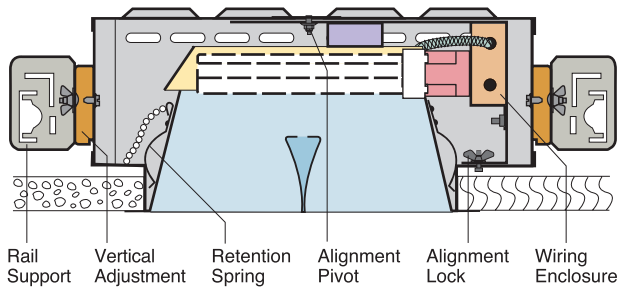


P662CB

Medium Beam
Two 26W Quad Tube Lamps
8 3/8" Cross Baffled Conoid Apertures



Optics and Applications

Quad tube CBs use a two reflector system. The upper reflector is formed and faceted. The pattern is slightly asymmetric depending upon measurement parallel or perpendicular to the lamps. Use in corridors, transit areas, open spaces, foyers, restrooms, etc.

Design Features

A rigid steel housing protects the optical system. CB cone assemblies adjust 10° each way from below for alignment of baffles with adjacent units after installation. Efficient air flow design assures cool fixture temperature for optimal performance. Maximum ceiling thickness 7/8". Ballast and lamp service from below.

Finish

A specular clear Alzak trim is standard. Optional colors and Softglow® finishes are available. The housing and all structural parts are phosphated for corrosion resistance before being painted optical matte black for control of stray light leaks.

Ballast

Fully electronic, microprocessor controlled with variable starting current for inrush protection to assure rated lamp life. Input voltage range from 120V through 277V. Power factor .98, starting temperature 0°F (-18°C), THD < 10%. Pre-heat start < 1.0 second. End of lamp life protection. Rated for > 50,000 starts.

General

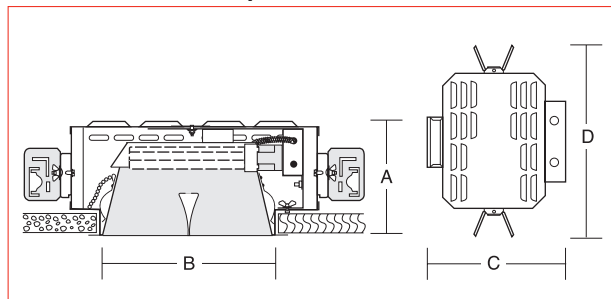
Fixtures are pre-wired, UL and C-UL listed for eight wire 75°C branch circuit wiring. Union made IBEW. Luminaire Efficiency Rating (LER) data is in the photometric directory located in Section Z.

Accessories

- F Fuse. R2 26" support rails.
- G Gold cone. R5 52" support rails.
- H Mocha cone. WT White trim flange.
- P Graphite cone. WHT White complete trim.
- T Titanium cone. DCE Double circuiting.
- W Wheat cone. V347 347 volt ballast.
- Y Pewter cone. LS Lamp shield, acrylic.
- Z Bronze cone. LP Prism lens, acrylic.
- S Softglow® finishes: add S before color letters. e.g. SW for Softglow® wheat cone, SC for Softglow® clear cone.

- DM Dimming ballast. Specify watts and volts.
- EM Emergency power includes integral charger light and test switch visible through aperture. Single lamp operation for 90 minutes. Specify volts.

Dimensions and Lamps



Number	A Depth	B Aperture	C Width	D Length**	Lamps*
P662CB	5 1/2" 140mm	8 3/8" 213mm	13 1/2" 343mm	19" 483mm	Two 26W Quad Tube

* For 18W lamps, add W18 to catalog number.
 ** Length increases to 24" with EM accessory.

Matching Units

- Twin Tube CB [Page P21](#)
- Quad Tube downlights [Pages P5, P6](#)
- Wall washer [Page P33](#)
- Surface cylinders [Pages P42, P43](#)

*** Click for link to pages in blue.

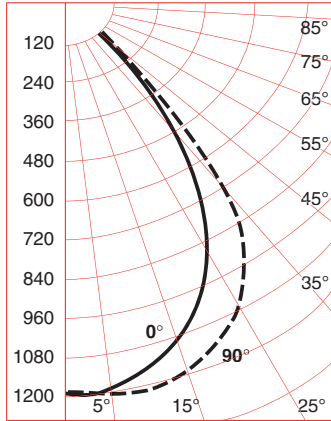
P22 P662CB

Performance Datachart

Single Unit Initial Footcandles, 30" Work Plane						Ceiling to Floor		Multiple Units Initial Footcandles, 30" Work Plane			
P662CB Two 26W Quad Tube lamps								Ceiling 80% Walls 50% Floor 20%			
Nadir	15°		25°		35°		Spacing is Maximum Over Work Plane				
FC	FC	Diam	FC	Diam	FC	Diam	Spacing	RCR 1	RCR 3	RCR 8	
39	34	3'	23	5'	11	8'	8'	6'	47	40	28
28	25	3'	17	6'	8	9'	9'	7'	33	29	20
21	18	4'	13	7'	6	11'	10'	8'	25	22	15
13	12	5'	8	9'	4	13'	12'	10'	16	13	9
9	8	6'	5	11'	2	16'	14'	12'	11	9	6

See notes 4, 5 and 6.

Candlepower Distribution



P662CB Two 26W Quad Tube lamps
Eff. 40% S/M 0° .99 S/M 90° 1.1

Candelas

°	0°	90°
	3600*	3600*
0	1175	1175
5	1177	1188
10	1156	1204
15	1102	1193
20	1025	1139
25	872	1038
30	681	881
35	498	748
40	327	517
45	201	288
50	109	112
55	41	14
60	6	5
65	0	0
70	0	0
75	0	0
80	0	0
85	0	0
90	0	0

° Vertical Angles
* Initial Lamp Lumens

Coefficients of Utilization

Ceiling	80%				70%		50%		30%		0
	70	50	30	10	50	10	50	10	50	10	0
Wall %	Zonal Cavity Method - Floor Reflectance 20%										
RCR	Zonal Cavity Method - Floor Reflectance 20%										
1	.45	.44	.43	.42	.43	.41	.42	.40	.40	.39	.37
2	.43	.41	.39	.38	.40	.37	.39	.36	.38	.36	.34
3	.40	.38	.36	.34	.37	.33	.36	.33	.35	.32	.31
4	.38	.35	.32	.31	.34	.30	.33	.30	.33	.30	.29
5	.36	.32	.30	.28	.32	.28	.31	.27	.30	.27	.26
6	.34	.30	.27	.26	.30	.25	.29	.25	.28	.25	.24
7	.32	.28	.25	.23	.28	.23	.27	.23	.27	.23	.22
8	.30	.26	.23	.22	.26	.22	.25	.21	.25	.21	.21
9	.29	.24	.22	.20	.24	.20	.24	.20	.23	.20	.19
10	.27	.23	.20	.19	.23	.19	.22	.19	.22	.18	.18

P662CB Two 26W Quad Tube lamps

Brightness

Number	Lamps	Plane	85°	75°	65°	55°	45°
P662CB	Two 26W Quad Tube	0°	5	11	23	4123	13156
		90°	4	12	25	1201	10447

Data in footlamberts. Photometer readings, Maximum Brightness Method. See note 7.

Notes

- Data on all charts calculated with a clear specular cone finish.
- Specular cone multipliers: Wheat x .86, Pewter x .82, Mocha x .82, Graphite x .79, Titanium x .79, Bronze x .73.
- Softglow® cone multipliers: Clear x .98, Wheat x .82, Pewter x .66, Mocha x .74, Graphite x .70, Titanium x .70, Bronze x .63.
- Single unit Datachart pattern diameters are determined by the number of degrees from each side of nadir. Therefore a 15° diameter represents a total 30° pattern width at the work plane 30" above the floor. Footcandle values are at the edge of that diameter.
- Datachart spacing is rounded off to the nearest foot.
- Data by IES methods. Compact fluorescent data vary due to lamp lumen differences, power input, burning position, ambient temperature and ballast characteristics. A modification factor should be applied.
- Kurt Versen believes data computed from the Average Luminance Method are inaccurate for small aperture downlights. They are theoretical calculations derived for large surfaces such as troffers. For a complete discussion refer to section Z brochure Z1.
- For 18W lamps, multiply all data by .70 or contact the factory for precise data.

Corridor Footcandles

P662CB Two 26W Quad Tube lamps												
Ceiling Height	Reflectances: Ceiling 80% Walls 50% Floor 20%											
	8' Centers					12' Centers						
	C/L	2'	4'	6'	C/L	C/L	2'	4'	6'	8'	10'	C/L
8'	26	27	27	27	26	22	21	16	13	16	21	22
9'	24	25	25	25	24	18	18	15	14	15	18	18
10'	22	22	22	22	22	15	15	15	14	15	15	15

Initial footcandles. Readings on the floor. 5' corridor width.