

B1236 Wide Beam, 1100 lm, 1300 lm
B3232 Wide Beam, 2000 lm

Downlight, 4 1/2" Square Parabolic Trim
Fortimo Remote Phosphor
Fixed Function, MultiSource™ Technology

Optics and Applications

The parabolic curve of the square aperture is designed to produce a soft even pattern of light across the floor plane. The sealed corners and lamp positioning allow the high efficiency fixture to provide deep shielding and low brightness. Suitable for low to high ceiling applications. Beam angle 75°

Design Features - MultiSource™ Capable

Fixture housings are designed with MultiSource™ plug and play connectors allowing field conversion to PAR LED and MH MR-16 GX10 bases. New lighting technologies will be incorporated as they become available assuring continuity. The fixture incorporates an aperture assembly which slides 1/4" in any direction and pivots 7° while maintaining optimum photometric performance. Proprietary passive heat sinks ensure proper temperatures are maintained. Service from below only. Maximum ceiling thickness is 1 1/2".

Modules

Fortimo remote phosphor modules use high efficiency blue LEDs that are converted to white light when directed through a phosphor lens. Available lumen modules are 1100 lm, 1300 lm and 2000 lm 3000K, 80 CRI. 2700K, 3500K and 4000K modules are available. Rated life is 50,000 hours at 70% lumen output.

Dimming Driver

Dimming is standard 0-10V/10%. Specify voltage.

Finish

Standard trim is anodized Softglow® clear. SoftSheen™ is a new finish that lowers apparent brightness due to remote phosphor sources. Colors available, see accessories. Steel parts are phosphate conditioned then painted matte black to suppress light leaks.

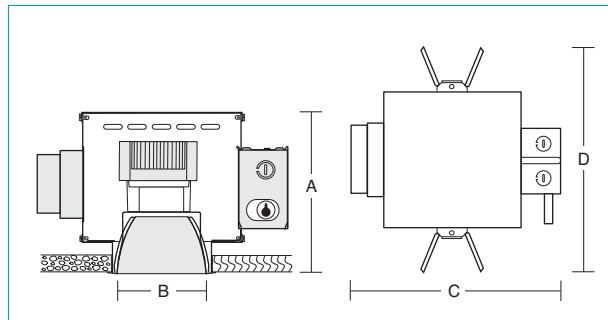
Warranty

5 year limited. See KV website for manufacturers details.

General

Fixtures are pre-wired, thermally protected, UL and C-UL listed for eight wire 75°C branch circuit wiring. All products are union made IBEW. Suitable for damp locations. Designed and manufactured in the USA. B3232 requires marked spacing for fixture centers to be 24" from adjacent luminaire and 12" from nearest wall and allow 3" clearance above unit in the plenum.

Dimensions and Sources



Number	A Depth	B Aperture	C Width	D Length	LED Module
B1236	8 3/8" 213mm	4 1/2" 114mm	13 1/8" 333mm	13 3/4" 349mm	1100 lm or 1300 lm Fortimo
B3232	9 15/16" 252mm	4 1/2" 114mm	15 7/8" 403mm	16 3/8" 416mm	2000 lm Fortimo

Energy and Ordering Information

Fixture	Module Lumens	Amps	System Lumens	System Watts	lm/W	Order Code			
						Model	L	K	V A
B1236	1100	700mA	824 [†]	21	40	B1236	11	35	27 70
	1300	700mA	940 [†]	24	39.4	B1236	13	35	27 70
B3232	2000	700mA	1453 [†]	37	38.9	B3232	20	35	27 70

† Fixture provided standard as 3000K operating on 277V, Softglow® trim. Module lumens: 11 for 1100 lm, 13 for 1300 lm, 20 for 2000 lm. For other Kelvin color temperatures: change 35 to 27 for 2700K, 30 for 3000K, 40 for 4000K. For 120 volt change 27 to 12. Finish: add SS for SoftSheen™. See accessories for colors. e.g.: B1236-11302770SS for B1236 1100 lm 3000K 277V 700mA with SoftSheen™ trim. [†]Indicates LM-79 Test Data.

Accessories

- SB Softglow black.
- SG Softglow gold.
- SH Softglow mocha.
- SP Softglow graphite.
- WT White trim flange.
- R2 26" support rails.
- R5 52" support rails.
- F Fuse.
- FMH4 Flush mount, drywall.
- ST Softglow titanium.
- SW Softglow wheat.
- SY Softglow pewter.
- SZ Softglow bronze.
- WHT White complete cone.
- 27 2700 Kelvin temp.
- 35 3500 Kelvin temp.
- 40 4000 Kelvin temp.

For wood and other materials contact factory.

REM Remote Bodine EM. Includes battery pack, charger light, test switch and single lamp operation for 90 minutes. Ceiling access required.

SS SoftSheen™ add SS, e.g. SSW, SoftSheen™ Wheat.



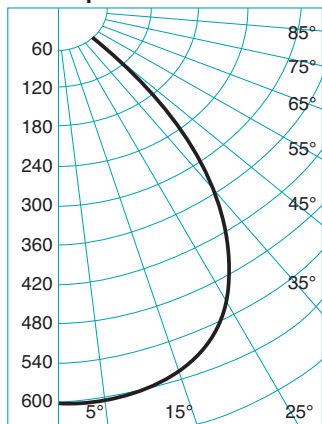
B2 B1236 B3232

Performance Datachart

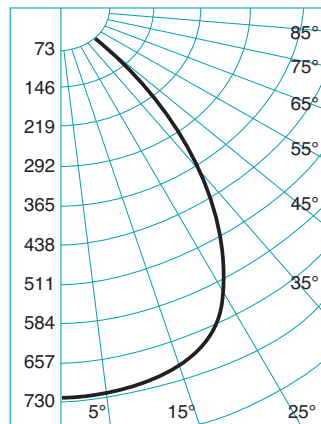
Single Unit Initial Footcandles, 30" Work Plane						Ceiling to Floor		Multiple Units Initial Footcandles, 30" Work Plane				
B1236 Fortimo 1100 lm 3500K 700mA Read Top B1236 Fortimo 1300 lm 3500K 700mA Read Bottom								Ceiling 80% Walls 50% Floor 20%				
Nadir								Spacing is Maximum Over Work Plane				
20°		30°		40°								
FC	FC	Diam	FC	Diam	FC	Diam			Spacing	RCR 1	RCR 3	RCR 8
20	16	4'	10	6'	3	9'	8'		6'	24	20	14
24	19	4'	11	6'	3	9'	8'		6'	30	25	17
14	11	5'	7	8'	2	11'	9'		7'	17	15	10
17	13	5'	8	8'	2	11'	9'		7'	21	18	12
11	8	5'	5	9'	2	13'	10'		8'	13	11	8
13	10	5'	6	9'	2	13'	10'		8'	16	13	9
8	7	6'	4	10'	1	14'	11'		9'	10	9	6
10	8	6'	5	10'	1	14'	11'		9'	12	10	7
7	5	7'	3	11'	1	16'	12'		11'	8	7	5
8	6	7'	4	11'	1	16'	12'		10'	10	8	6

Single Unit Initial Footcandles, 30" Work Plane						Ceiling to Floor		Multiple Units Initial Footcandles, 30" Work Plane				
B3232 Fortimo 2000 lm 3500K 700mA								Ceiling 80% Walls 50% Floor 20%				
Nadir								Spacing is Maximum Over Work Plane				
20°		30°		40°								
FC	FC	Diam	FC	Diam	FC	Diam			Spacing	RCR 1	RCR 3	RCR 8
37	29	4'	17	6'	5	9'	8'		6'	46	39	27
27	21	5'	12	8'	4	11'	9'		7'	33	28	19
20	15	5'	9	9'	3	13'	10'		8'	25	21	14
16	12	6'	7	10'	2	14'	11'		9'	19	16	11
13	10	7'	6	11'	2	16'	12'		10'	15	13	9

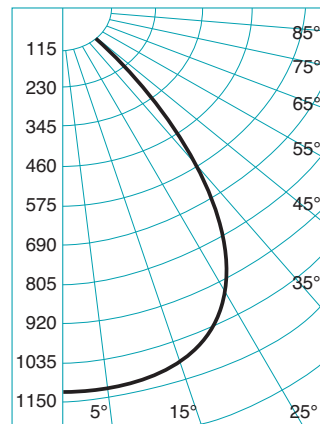
Candlepower Distribution



B1236 Fortimo 1100 lm 3500K 700mA
Luminous efficacy 38.8 S/M 1.11



B1236 Fortimo 1300 lm 3500K 700mA
Luminous efficacy 39.4 S/M 1.07



B3232 Fortimo 2000 lm 3500K 700mA
Luminous efficacy 38.9 S/M 1.07

Candelas

o	21W	24W	37W
	824*	940*	1453*
0	607	728	1129
5	606	726	1127
10	600	718	1115
15	587	702	1089
20	568	675	1046
25	524	614	951
30	443	515	796
35	335	378	584
40	217	233	360
45	115	114	177
50	53	53	81
55	32	30	46
60	23	21	31
65	16	14	21
70	11	9	13
75	7	5	7
80	3	2	2
85	0	0	0
90	0	0	0

o Vertical Angles
* Luminaire Lumens

Notes

- 1 Photometric Report: B1236 1100lm LTL Report No. 25351, B1236 1300lm LTL Report No. 26925, B3232 LTL Report No. 26929.
- 2 Data on all charts calculated with a clear Softglow® trim finish.
- 3 Softglow® colored trim multipliers, contact factory.
- 4 SoftSheen™ trim multipliers, contact factory.
- 5 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.
- 6 Datachart spacing is rounded off to the nearest foot.
- 7 The luminous efficacy (lm/W) refers to the total measured luminous flux (lumens) of the fixture divided by the total measured electrical input power (watts) of the complete fixture.