



LED Bulkhead EcoMax

Features

- Up to 100lm/W, 30Khrs lifespan
- IP65 protection rating, IK08 anti-shock rating
- Surge protection up to 2.5KV

Benefits

- Outstanding waterproof design, adaptable in rough environment
- Up to 90% energy saving comparing to conventional wall lamp
- Impact resistant, long life, low maintenance cost

Application



Villa



Garden



Corridor



Wall



Building



Warehouse

Specification

| Item Code | Item Description | Power (W) | Power Factor | Lumen (lm) | Efficacy (lm/W) | Input Current (mA) | Lifetime (L70B50) | MOQ (pcs) |
|--------------|-----------------------------------|-----------|--------------|------------|-----------------|--------------------|-------------------|-----------|
| 543022000310 | LED bulkhead-E 6.5W-3000-FR-GP | 6.5 | 0.9 | 553 | 85 | 33 | 30000 | 1000 |
| 543022000410 | LED bulkhead-E 6.5W-4000-FR-GP | 6.5 | 0.9 | 650 | 100 | 33 | 30000 | 1000 |
| 543022000510 | LED bulkhead-E 6.5W-6500-FR-GP | 6.5 | 0.9 | 650 | 100 | 33 | 30000 | 1000 |
| 543022000610 | LED bulkhead-E 13W-3000-FR-GP | 13 | 0.9 | 1105 | 85 | 66 | 30000 | 1000 |
| 543022000710 | LED bulkhead-E 13W-4000-FR-GP | 13 | 0.9 | 1300 | 100 | 66 | 30000 | 1000 |
| 543022000810 | LED bulkhead-E 13W-6500-FR-GP | 13 | 0.9 | 1300 | 100 | 66 | 30000 | 1000 |
| 543022004410 | LED bulkhead-E 6.5W-3000-FR-GP-WH | 6.5 | 0.9 | 553 | 85 | 33 | 30000 | 1000 |
| 543022004310 | LED bulkhead-E 6.5W-4000-FR-GP-WH | 6.5 | 0.9 | 650 | 100 | 33 | 30000 | 1000 |
| 543022004510 | LED bulkhead-E 6.5W-6500-FR-GP-WH | 6.5 | 0.9 | 650 | 100 | 33 | 30000 | 1000 |
| 543022004610 | LED bulkhead-E 13W-3000-FR-GP-WH | 13 | 0.9 | 1105 | 85 | 66 | 30000 | 1000 |
| 543022004710 | LED bulkhead-E 13W-4000-FR-GP-WH | 13 | 0.9 | 1300 | 100 | 66 | 30000 | 1000 |
| 543022004810 | LED bulkhead-E 13W-6500-FR-GP-WH | 13 | 0.9 | 1300 | 100 | 66 | 30000 | 1000 |
| 543011000710 | LED bulkhead-E 20W-3000-FR-GP | 20 | 0.9 | 1700 | 85 | 101 | 30000 | 1000 |
| 543011000810 | LED bulkhead-E 20W-4000-FR-GP | 20 | 0.9 | 2000 | 100 | 101 | 30000 | 1000 |
| 543011000910 | LED bulkhead-E 20W-6500-FR-GP | 20 | 0.9 | 2000 | 100 | 101 | 30000 | 1000 |
| 543011001010 | LED bulkhead-E 30W-3000-FR-GP | 30 | 0.9 | 2550 | 85 | 151 | 30000 | 1000 |
| 543011001110 | LED bulkhead-E 30W-4000-FR-GP | 30 | 0.9 | 3000 | 100 | 151 | 30000 | 1000 |
| 543011001210 | LED bulkhead-E 30W-6500-FR-GP | 30 | 0.9 | 3000 | 100 | 151 | 30000 | 1000 |
| 543011002210 | LED bulkhead-E 20W-3000-FR-GP-WH | 20 | 0.9 | 1700 | 85 | 101 | 30000 | 1000 |
| 543011002310 | LED bulkhead-E 20W-4000-FR-GP-WH | 20 | 0.9 | 2000 | 100 | 101 | 30000 | 1000 |
| 543011002410 | LED bulkhead-E 20W-6500-FR-GP-WH | 20 | 0.9 | 2000 | 100 | 101 | 30000 | 1000 |
| 543011002510 | LED bulkhead-E 30W-3000-FR-GP-WH | 30 | 0.9 | 2550 | 85 | 151 | 30000 | 1000 |
| 543011002610 | LED bulkhead-E 30W-4000-FR-GP-WH | 30 | 0.9 | 3000 | 100 | 151 | 30000 | 1000 |
| 543011002710 | LED bulkhead-E 30W-6500-FR-GP-WH | 30 | 0.9 | 3000 | 100 | 151 | 30000 | 1000 |

| Technical Specifications | |
|----------------------------|---------------------|
| CRI | ≥80 |
| Colour Consistency (SDCM) | 6 |
| Dimmable | No |
| Housing Colour | White |
| IP | IP65 |
| IK | IK08 |
| Driver integrated (Yes/No) | Yes |
| Glow wire test | 650°C |
| Driver failure rate | 1% at 5000h |
| Weight (kg/pc) | 0.24/0.29/0.44/0.69 |

| Electrical Supply | |
|-------------------|---------|
| Frequency (Hz) | 50/60 |
| Voltage (V) | 220-240 |
| AC/DC | AC |

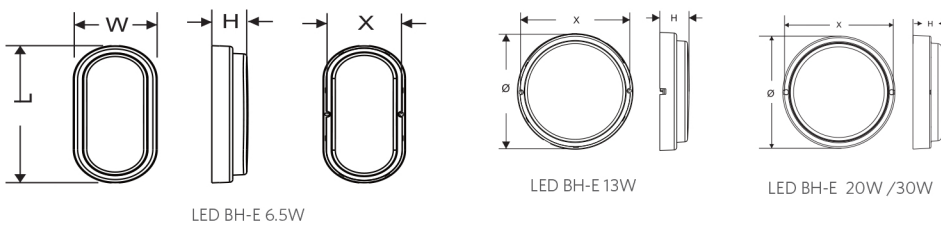
| Mechanical Properties | |
|-----------------------|----|
| Housing Material | PC |
| Optical Material | PC |

| Application Conditions | |
|------------------------|----------|
| Operating Temperature | -25-45°C |
| Storage Environment | -25-65°C |

Packaging Information

| Item Code | Item Description | Single Box(1pc/box) | | Packaging Unit | | |
|--------------|-----------------------------------|---------------------------|----------------------|---------------------------|----------------------|-----------------------------|
| | | Dimensions(mm) (LxWxH) | Gross Weight (kg) | Dimensions(mm) (LxWxH) | Gross Weight (kg) | Packaging Qty (pcs/unit) |
| 54302200310 | LED bulkhead-E 6.5W-3000-FR-GP | 210*105*51 | 0.28 | 695*330*275 | 12.78 | 45 |
| 54302200410 | LED bulkhead-E 6.5W-4000-FR-GP | 210*105*51 | 0.28 | 695*330*275 | 12.78 | 45 |
| 54302200510 | LED bulkhead-E 6.5W-6500-FR-GP | 210*105*51 | 0.28 | 695*330*275 | 12.78 | 45 |
| 54302200610 | LED bulkhead-E 13W-3000-FR-GP | 180*180*51 | 0.34 | 965*375*275 | 16.75 | 50 |
| 54302200710 | LED bulkhead-E 13W-4000-FR-GP | 180*180*51 | 0.34 | 965*375*275 | 16.75 | 50 |
| 54302200810 | LED bulkhead-E 13W-6500-FR-GP | 180*180*51 | 0.34 | 965*375*275 | 16.75 | 50 |
| 543022004410 | LED bulkhead-E 6.5W-3000-FR-GP-WH | 210*105*51 | 0.28 | 695*330*275 | 12.78 | 45 |
| 543022004310 | LED bulkhead-E 6.5W-4000-FR-GP-WH | 210*105*51 | 0.28 | 695*330*275 | 12.78 | 45 |
| 543022004510 | LED bulkhead-E 6.5W-6500-FR-GP-WH | 210*105*51 | 0.28 | 695*330*275 | 12.78 | 45 |
| 543022004610 | LED bulkhead-E 13W-3000-FR-GP-WH | 180*180*51 | 0.34 | 965*375*275 | 16.75 | 50 |
| 543022004710 | LED bulkhead-E 13W-4000-FR-GP-WH | 180*180*51 | 0.34 | 965*375*275 | 16.75 | 50 |
| 543022004810 | LED bulkhead-E 13W-6500-FR-GP-WH | 180*180*51 | 0.34 | 965*375*275 | 16.75 | 50 |
| 543011000710 | LED bulkhead-E 20W-3000-FR-GP | 225*70*225 | 0.58 | 750*240*250 | 5.79 | 10 |
| 543011000810 | LED bulkhead-E 20W-4000-FR-GP | 225*70*225 | 0.58 | 750*240*250 | 5.79 | 10 |
| 543011000910 | LED bulkhead-E 20W-6500-FR-GP | 225*70*225 | 0.58 | 750*240*250 | 5.79 | 10 |
| 543011001010 | LED bulkhead-E 30W-3000-FR-GP | 285*76*285 | 0.88 | 809*300*310 | 8.82 | 10 |
| 543011001110 | LED bulkhead-E 30W-4000-FR-GP | 285*76*285 | 0.88 | 809*300*310 | 8.82 | 10 |
| 543011001210 | LED bulkhead-E 30W-6500-FR-GP | 285*76*285 | 0.88 | 809*300*310 | 8.82 | 10 |
| 543011002210 | LED bulkhead-E 20W-3000-FR-GP-WH | 225*70*225 | 0.58 | 750*240*250 | 5.79 | 10 |
| 543011002310 | LED bulkhead-E 20W-4000-FR-GP-WH | 225*70*225 | 0.58 | 750*240*250 | 5.79 | 10 |
| 543011002410 | LED bulkhead-E 20W-6500-FR-GP-WH | 225*70*225 | 0.58 | 750*240*250 | 5.79 | 10 |
| 543011002510 | LED bulkhead-E 30W-3000-FR-GP-WH | 285*76*285 | 0.58 | 809*300*310 | 8.82 | 10 |
| 543011002610 | LED bulkhead-E 30W-4000-FR-GP-WH | 285*76*285 | 0.58 | 809*300*310 | 8.82 | 10 |
| 543011002710 | LED bulkhead-E 30W-6500-FR-GP-WH | 285*76*285 | 0.58 | 809*300*310 | 8.82 | 10 |

Dimensional Drawing



| Model | L (mm) | W (mm) | Ø (mm) | H (mm) | X (mm) |
|---------------|-----------|-----------|-----------|-----------|-----------|
| LED BH-E 6.5W | 205 | 100 | / | 43 | 88 |
| LED BH-E 13W | / | / | Ø175 | 43 | 160 |
| LED BH-E 20W | / | / | Ø220 | 65 | 204 |
| LED BH-E 30W | / | / | Ø280 | 71 | 263 |

Photometric Data

