

Dialight

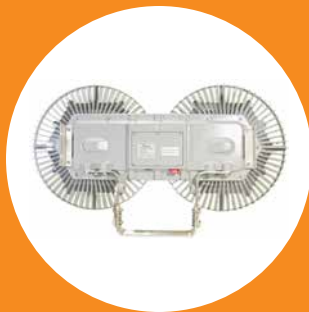


DuroSite® LED Low Bay - UL / CSA

for Indoor and Outdoor Industrial Applications

On when it matters most.

Products and solutions that protect your business





Features & Benefits

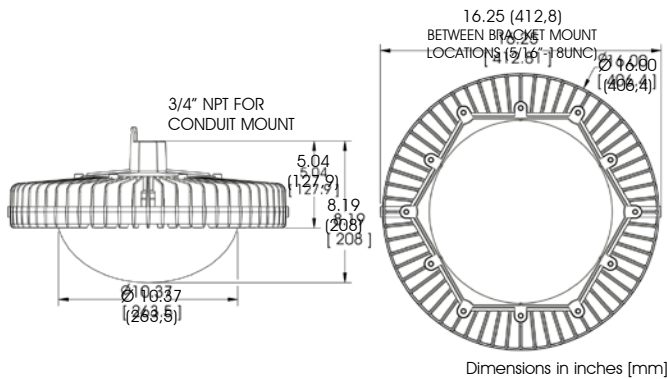
- L70 rated for >100,000 hours @ 25°C ambient
- 5 & 10 year full performance warranty
- Up to 84 lm/W
- Significant energy savings
- Low profile versus traditional HID fixtures
- Maintenance free
- Mercury free
- No UV or IR
- Reflector based optics for precise light control

Application

Dialight's Durosite LED low bay fixture was designed specifically to replace conventional lighting in a wide variety of industrial applications, both indoor and outdoor. Its low profile, light weight design and versatile mounting options make it ideal for many applications such as parking decks, garages, cold storage and other applications with mounting heights up to 20 feet.

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Standard Models



Certifications & Ratings

- UL 1598/A (wet locations)
- CSA C22.2 No. 250.0-08
- UL 8750
- IP66 (IEC 60529)
- NEMA 4X
- ANSI C 136.15-2011

Mechanical Information:

- Fixture weight:** 18 lbs (8.16kg)
- Shipping weight:** 24 lbs (10.8kg)
- Mounting:** (1) 3/4" NPT - top
(2) 5/16"-18 x .75" UNC - side
- Entries:** 10' (3.05m) STOOW Power Cord

Electrical specifications:

- Operating Voltage:** 100-277V AC, 50/60 Hz
- Total system power consumption:** See table
- Operating Temp:** -40°F to +149°F (-40°C to +65°C)
- Harmonics:** IEC 61000-3-2
- Noise requirement /EMC:** FCC Title 47, Subpart B, Section 15, class A device. RF Immunity; 10V/m, 80MHz-1GHz
- Transient protection:** 1 kV line to line
2 kV line to ground
- THD:** <20%
- Power Factor:** > 0.9

Construction:

- Housing:** Copper free aluminum
- Finish:** Superior dual coat finish
- sealed polyester topcoat
- chemical resistant epoxy primer
- Lens:** Polycarbonate

Photometric Information:

- CRI:** 70
- CCT:** 5000K (cool white)
4000K (neutral white)

All values typical unless otherwise stated
Lumen values are typical (tolerance +/- 10%)

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Ordering Information

| Part Number | Fixture Lumen | Wattage | LPW | Warranty | Voltage | CCT | Lens | Optical Pattern |
|--|---------------|---------|-----|----------|---------------|--------------------|--------------------|-----------------|
| Standard Models - 100 - 277V AC | | | | | | | | |
| HBWC4L | 8,500 | 107 | 79 | 10yr | 100 - 277V AC | 5000K (cool white) | Polycarbonate dome | Wide |
| LBW1C1D | 6,000 | 80 | 75 | 5yr | 100 - 277V AC | 5000K (cool white) | Polycarbonate dome | Wide |
| LBW1C1D-10YR | 5,500 | 70 | 79 | 10yr | 100 - 277V AC | 5000K (cool white) | Polycarbonate dome | Wide |
| LBW1C1A | 3,800 | 45 | 84 | 5yr | 100 - 277V AC | 5000K (cool white) | Polycarbonate dome | Wide |
| Standard Models - 347 - 480V AC | | | | | | | | |
| HBWC5L | 8,500 | 107 | 79 | 5yr | 347-480V AC | 5000K (cool white) | Polycarbonate dome | Wide |
| LBW1C7D | 6,000 | 80 | 75 | 5yr | 347-480V AC | 5000K (cool white) | Polycarbonate dome | Wide |
| Occupancy Sensor Models - 120 - 277V AC | | | | | | | | |
| LBW1C2D | 6,000 | 80 | 75 | 5yr | 120-277V AC | 5000K (cool white) | Polycarbonate dome | Wide |
| LBW1C2A | 3,800 | 45 | 84 | 5yr | 120-277V AC | 5000K (cool white) | Polycarbonate dome | Wide |
| LBW1C2ACB | 3,800 | 45 | 84 | 5yr | 120-277V AC | 5000K (cool white) | Polycarbonate dome | Wide |
| Variable Dimming Models - 100 - 277V AC | | | | | | | | |
| LBW1C5D | 6,000 | 80 | 75 | 5yr | 100-277V AC | 5000K (cool white) | Polycarbonate dome | Wide |
| LBW1C5A | 3,800 | 45 | 84 | 5yr | 100-277V AC | 5000K (cool white) | Polycarbonate dome | Wide |
| Variable Dimming / Occupancy Sensor Models - 100 - 277V AC | | | | | | | | |
| LBW1C5D | 6,000 | 80 | 75 | 5yr | 100-277V AC | 5000K (cool white) | Polycarbonate dome | Wide |
| LBW1C5A | 3,800 | 45 | 84 | 5yr | 100-277V AC | 5000K (cool white) | Polycarbonate dome | Wide |

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Ordering Information and Mounting Accessories



HBXW2

- Swivel bracket and cable gland

HBXW3

- Swivel bracket



HBXL

- Loop



HBXH

- Hook



HBXCU

- Ceiling / wall mount



LBXLENP

- Polycarbonate dome lens

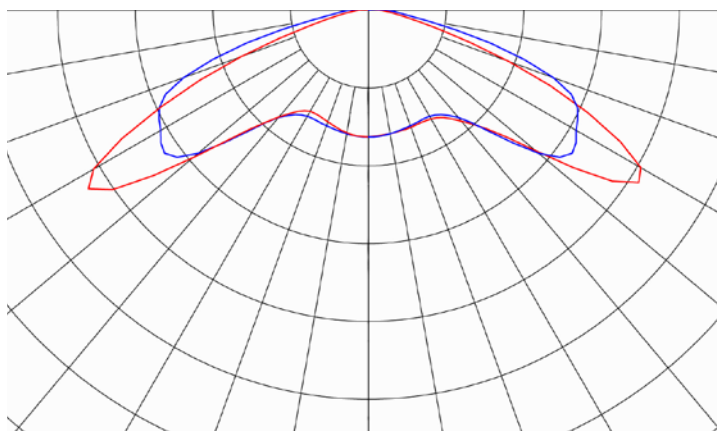


HBXCG

- Cable Gland

Light Distribution Pattern

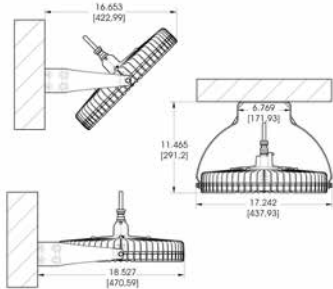
Wide pattern



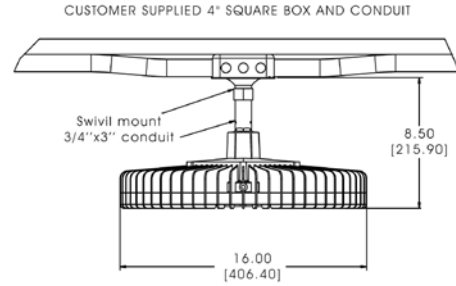
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Options and Accessories Drawings

HBXW2 - Swivel Bracket and Cable Gland



HBXCU - Ceiling Mount



HBXCG - Cable Gland

