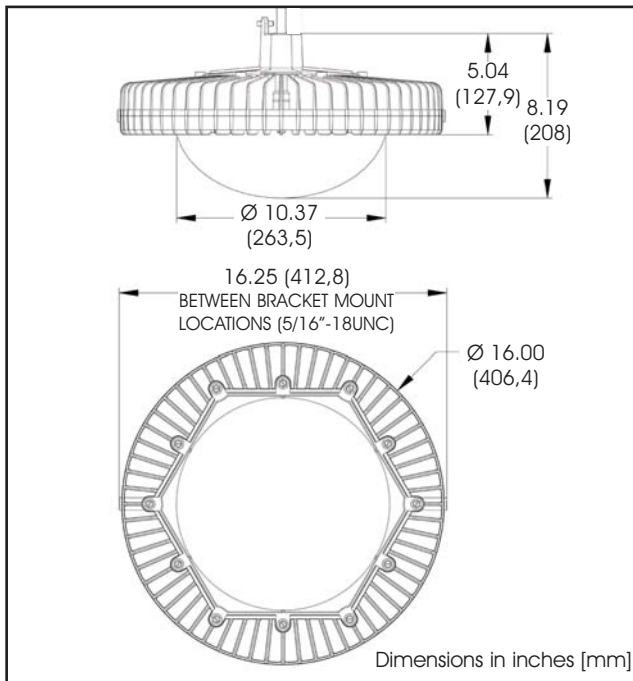




DuroSite™ LED Low Bay Fixture



Certifications & Ratings:

- ▷ UL1598 & UL1598A
- ▷ IP66
- ▷ NEMA 4X
- ▷ CSA22.2 #250

Features & Benefits:

- ▷ Dimmable and occupancy sensor versions available
- ▷ Universal input: (100 - 277VAC), 50/60Hz
- ▷ 80% lumen maintenance over 60,000 operating hours
- ▷ Up to 75 lm/w
- ▷ Significant energy savings
- ▷ Instant on/off
- ▷ Maintenance free
- ▷ Mercury free
- ▷ Superior light quality
- ▷ No UV or IR
- ▷ Produces minimal heat compared to competitive fixtures
- ▷ Simple installation
- ▷ Resistant to shock and vibration
- ▷ Temperature compensation technology for long life

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.

All of Dialight's long life LED luminaires are designed to meet the most demanding specification criteria while offering maximum energy savings, reduced maintenance costs, and a superior quality of light.

Mechanical Information:

Fixture Weight: 18 lbs (8.2 kg)
Mounting: (1) 3/4" NPT or (2) 5/16"-18 x .75" UNC

Electrical specifications:

Operating Voltage: 100-277VAC, 50/60 Hz
Total System Power Consumption: 80W
Operating Temp: -40°F to +149°F (-40°C to +65°C)

Harmonics: EN61000-3-2

Surge / Lightning Protection:
 1 kV line to line
 2 kV line to ground

THD: < 15%

Power Factor: > 0.95 (100-277VAC)

Construction:

Body: Powder coated aluminum
Finish: Epoxy polyester powder coated for superior corrosion resistance
Lens: Polycarbonate

Photometric Information:

CRI (nom): 70
CCT (nom): 6,000K (cool white)
 4,500K (neutral white)

Ordering Code:

Part Number	Occupancy Sensor	Variable Dimming	Lumens	Lumens Per Watt
LBW1C1D			6,000	75
LBW1C2D	X		6,000	75
LBW1C5D		X	6,000	75

Part numbers listed above table are cool white. For neutral white version replace the 5th character with **N** Ex: LBW1**C**1D become LBW1**N**1D.



For projects requiring Buy American certification, consult factory for additional information and details

DuroSite™ Series LED Low Bay Fixture

Options and Accessories

	Part Number	Description	Kit Includes
	No Part Number	Pendant Mount (Conduit supplied by installer)	Conduit supplied by installer
	HBXW2	Swivel Bracket and Cable Gland	Swivel Bracket Bracket to fixture hardware Cable Gland (1/2") Reducer (3/4" to 1/2")
	HBXW3	Swivel Bracket	Swivel Bracket Bracket to Fixture Hardware
	HBXCU	Ceiling Mount	Swivel Hanger Cover 3" Conduit Nipple
	HBXCG	Cable Gland	Cable Gland (1/2") Reducer (3/4" to 1/2")
	HBXL	Loop	Hanger Loop (GE LOOPM353)
	HBXH	Hook	Hanger Hook (GE HOOKM353)
	HZC3000	Stanchion Mount Bracket 1 1/4" pipe (Can be used with HBXW3)	Stanchion bracket
	HBXT2	Junction Box with Transformer 347-480VAC to 240VAC	NEMA Box with Integrated Transformer
	LBXLENP	Replacement Dome Lens	Lens, replacement screws, gasket

Dialight reserves the right to make changes at any time in order to supply the best product possible.

The most current version of this document will always be available at:

www.dialight.com/Assets/Brochures_And_Catalogs/Illumination/MDEXLBX001.pdf