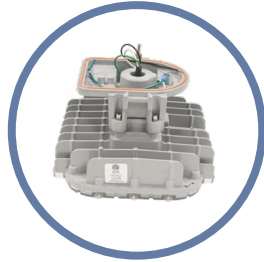


Vigilant® LED Area Light

100-277 VAC, 120-250 VDC with Universal Mounting Adapter

Universal Mounting Adapter



For use with HZXW01, HZXW45, HZXS45 or HZXFM brackets sold separately



HZXW01



HZXS45



HZXS90 / HZXT90



HZXC34

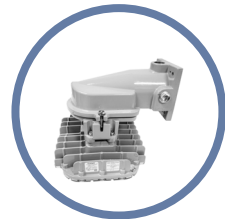


HZXW45

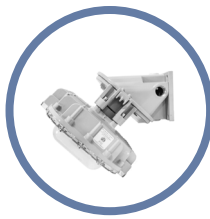


HZXFM

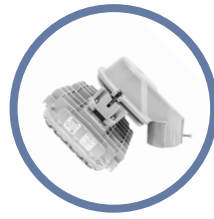
Wall & Ceiling Mount



45° Wall Mount



45° Stanchion Mount



Ceiling Mount



Conveyor Mount



90° Stanchion Mount



Certifications & Ratings*

- 10 year warranty
- L70 > 150,000h @ 65°C
- UL 1598/A
- CSA C22.2 No. 250
- NOM
- IP66 / 67
- NEMA 4X
- Factory sealed

*ETL listed

Mechanical Information:

Fixture weight:

UMA models:

12 lb (5.5 kg) - Polycarbonate lens

15 lb (6.8 kg) - Tempered glass lens

Wall mount models:

15 lb (6.8 kg) - Polycarbonate lens

18 lb (8.2 kg) - Tempered glass lens

45° wall mount models:

14 lb (6.4 kg) - Polycarbonate lens

17 lb (7.7 kg) - Tempered glass lens

45° stanchion mount:

15 lb (6.8 kg) - Polycarbonate lens

18 lb (8.2 kg) - Tempered glass lens

Ceiling mount:

14 lb (6.4 kg) - Polycarbonate lens

7 lb (7.7 kg) - Tempered glass lens

90° stanchion mount:

16 lb (7.2 kg) - Polycarbonate lens

19 lb (8.6 kg) - Tempered glass lens

Shipping weight:

Add 2 lb (0.91 kg) to weights above

Impact rating:

IK10 - Polycarbonate lens

IK07 - Tempered glass lens

Cabling:

14" leads 1.02 mm 18 AWG

Electrical Specifications:

Operating voltage:

100-277 VAC 50/60 Hz, 120-250 VDC

Operating temperature:

-40°F to +149°F (-40°C to +65°C)

EMC:

FCC Title 47, Subpart B, Section 15, Class A device
RF Immunity 20V/m 80MHz-1GHz.

Transient protection:

6 kV, 2 Ohm line-line and line-ground

Harmonics:

IEC 61000-3-2, Class C

THD:

< 20%

Power factor:

> 0.9

Power Supply:

ALT:

(accelerated life testing)

Over 15 yr equivalent at 24/7 service

MTBF:

(mean time between failures)

Over 300 years with annual failure rate less than 0.3% expected

Driver:

Fully potted and sealed for superior protection

Construction:

Housing:

Copper-free aluminum

Finish:

Superior dual coat finish
- Sealed polyester topcoat
- Epoxy primer

Lens:

Hard-coated polycarbonate
Tempered glass

Vibration:

Up to 5G @ 10-150Hz for 750,000 cycles, per IEC 60068-2-6 for luminaire only

Shock:

50G half-sine for 3 cycles, per IEC 60068-2-27 for luminaire only

Photometric Information:

CRI:

80

CCT:

5000K (cool white)
4000K (neutral white)

Optics:

360°
180° forward throw for 45° mounting
Wide for 0° mounting

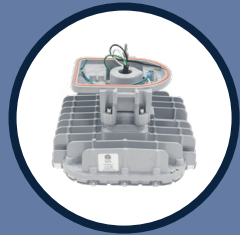
All values typical unless otherwise stated (tolerance +/- 10%)

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Vigilant® LED Area Light

Accessories

Area Lights with Universal Mounting Adapter & Brackets Sold Separately



UMA Area Light
ALx-xxxx-xxUx-xxN

+



Stanchion 45°
HZXS45



Wall 45°
HZXW45



Wall 0°
HZXW01



Conveyor
HZXCVC34



Ceiling
HZXFM



Stanchion 90°
HZXS90 / HZXT90



Certified to: UL 50E • CSA C22.2 No. 94.2-07

HZXSTAN100S

- 1.00" (1.315" Pole OD) Slip-fit stanchion mount

HZXSTAN125S

- 1.25" (1.660" Pole OD) Slip-fit stanchion mount

HZXSTAN150S

- 1.50" (1.900" Pole OD) Slip-fit stanchion mount

HZXSTAN200S

- 2.00" (2.375" Pole OD) Slip-fit stanchion mount

HZXSTAN100T

- 1.00" (1.315" Pole OD) NPT threaded stanchion mount

HZXSTAN125T

- 1.25" (1.660" Pole OD) NPT threaded stanchion mount

HZXSTAN150T

- 1.50" (1.900" Pole OD) NPT threaded stanchion mount

HZXSTAN200T

- 2.00" (2.375" Pole OD) NPT threaded stanchion mount



HZXW3

- 316 stainless steel bracket

HZXW7

- Aluminum bracket



HZXW4

- 316 stainless steel bracket with pipe clamp

HZXW8

- Aluminum bracket with pipe clamp



Certified to: UL 50E • UL 1203

ISA 12.12.01 • CSA C22.2 No. 94.2-07

HBXC1

- 0.75" NPT Ceiling mount



Certified to: UL 50E • CSA C22.2 No. 94.2-07

HZXJB075

- 0.75" Ceiling / Wall / Pole mount junction box

HZXJB100

- 1.00" Ceiling / Wall / Pole mount junction box

HZXJB125

- 1.25" Ceiling / Wall / Pole mount junction box

HZXJB150

- 1.50" Ceiling / Wall / Pole mount junction box



HZXSAFECBLS

- Safety cable kit

Please reference spec sheet at www.dialight.com for all dimensional drawings of mounting options.

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DuroSite® LED Area Light

Accessories

Area Lights with Universal Mounting Adapter & Brackets Sold Separately



UMA Area Light
ALx-xxxx-xxUx-xxN



Stanchion 45°
HZXS45



Wall 45°
HZXW45



Wall 0°
HZXW01



Conveyor
HZXC34



Ceiling
HZXF7



Stanchion 90°
HZXS90 / HZXT90



Certified to: UL 50E • CSA C22.2 No. 94.2-07

HZXSTAN100S

- 1.00" (1.315" Pole OD) Slip-fit stanchion mount

HZXSTAN125S

- 1.25" (1.660" Pole OD) Slip-fit stanchion mount

HZXSTAN150S

- 1.50" (1.900" Pole OD) Slip-fit stanchion mount

HZXSTAN200S

- 2.00" (2.375" Pole OD) Slip-fit stanchion mount

HZXSTAN100T

- 1.00" (1.315" Pole OD) NPT threaded stanchion mount

HZXSTAN125T

- 1.25" (1.660" Pole OD) NPT threaded stanchion mount

HZXSTAN150T

- 1.50" (1.900" Pole OD) NPT threaded stanchion mount

HZXSTAN200T

- 2.00" (2.375" Pole OD) NPT threaded stanchion mount



Certified to: UL 50E • CSA C22.2 No. 94.2-07

HZXJB075

- 0.75" Ceiling / Wall / Pole mount junction box

HZXJB100

- 1.00" Ceiling / Wall / Pole mount junction box

HZXJB125

- 1.25" Ceiling / Wall / Pole mount junction box

HZXJB150

- 1.50" Ceiling / Wall / Pole mount junction box



HZXW3

- 316 stainless steel bracket

HZXW7

- Aluminum bracket



HZXW4

- 316 stainless steel bracket with pipe clamp

HZXW8

- Aluminum bracket with pipe clamp



Certified to: UL 50E • UL 1203

ISA 12.12.01 • CSA C22.2 No. 94.2-07

HBXC1

- 0.75" NPT Ceiling mount



HZXSAFECBLS

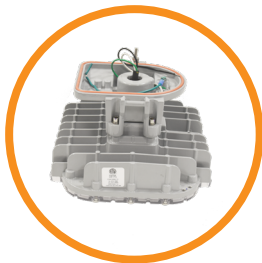
- Safety cable kit

WARNING - INSTALLATION & SECONDARY RETENTION. Use of any Dialight products without proper installation (including secondary retention / netting) and periodic inspections could cause severe injury or death. Dialight recommends that all installations should use secondary retention / netting (appropriate to the installation environment) where applicable. It is the exclusive responsibility of the contractor, installer and/or end-user to: (a) determine the suitability of the product for its intended application; and, (b) ensure that the product is safely installed (with secondary retention / netting where appropriate) and in compliance with all applicable laws and regulations. To the extent permissible under applicable laws, Dialight disclaims all liability for personal injury and/or other damage resulting from any dislodgment or other dislocation of its products.

SafeSite® LED Area Light

100-277 VAC, 120-250 VDC with Universal Mounting Adapter

Universal Mounting Adapter



For use with HZXW01, HZXW45, HZXS45 or HZXFM brackets sold separately



HZXW01



HZXS45



HZXS90 / HZXT90



HZXC34

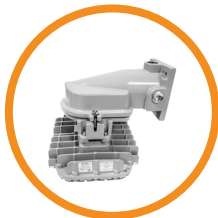


HZXW45

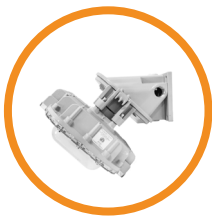


HZXFM

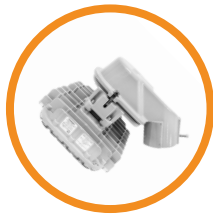
Wall & Ceiling Mount



45° Wall Mount



45° Stanchion Mount



Ceiling Mount



Conveyor Mount



90° Stanchion Mount



Certifications & Ratings*

- 10 year warranty
- L70 > 150,000 hours @ 65°C
- UL 844, UL 1598/A
- CSA C22.2 No. 250
- CSA C22.2 No. 137-M81

- IP66 / 67
- NEMA 4X
- Factory sealed

ALD/ALF:

- Class I, Div. 2, Groups A, B, C, D
- Class I, Zone 2, Group IIC
- Class II, Div. 1, Groups E, F, G
- Zone 20 and 21
- Class II, Div. 2 Groups F, G
- Zone 22
- Class III, Div. 1 & 2

*ETL listed

Temperature Ratings

Ambient Temperature Range T4A	Ambient Temperature Range T5
-40°F to +149°F (-40°C to +65°C)	-40°F to +113°F (-40°C to +45°C)

Mechanical Information:

Fixture weight:

UMA models:

12 lb (5.5 kg) - Polycarbonate lens
15 lb (6.8 kg) - Tempered glass lens

Wall mount models:

15 lb (6.8 kg) - Polycarbonate lens
18 lb (8.2 kg) - Tempered glass lens

45° wall mount models:

14 lb (6.4 kg) - Polycarbonate lens
17 lb (7.7 kg) - Tempered glass lens

45° stanchion mount:

15 lb (6.8 kg) - Polycarbonate lens
18 lb (8.2 kg) - Tempered glass lens

Ceiling mount:

14 lb (6.4 kg) - Polycarbonate lens
7 lb (7.7 kg) - Tempered glass lens

90° stanchion mount:

16 lb (7.2 kg) - Polycarbonate lens
19 lb (8.6 kg) - Tempered glass lens

Shipping weight:

Add 2 lb (0.91 kg) to weights above

Cabling:

14" leads 1.02 mm 18 AWG

Impact rating:

IK10 - Polycarbonate lens
IK07 - Tempered glass lens

Electrical Specifications:

Operating voltage:

100-277 VAC 50/60Hz, 120-250 VDC

Operating temperature:

-40°F to +149°F (-40°C to +65°C)

EMC:

FCC Title 47, Subpart B, Section 15,
Class A device
RF Immunity 20V/m 80MHz-1GHz.

Transient protection:

6 kV, 2 Ohm line-line and line-ground

Harmonics:

IEC 61000-3-2, Class C

THD:

< 20%

Power factor:

> 0.9

Power Supply:

ALT:
(accelerated life testing)

Over 15 yr equivalent at 24/7 service

MTBF:
(mean time between failures)

Over 300 years with annual failure rate
less than 0.3% expected

Driver:

Fully potted and sealed for superior
protection

Construction:

Housing:

Copper-free aluminum

Finish:

Superior dual coat finish
- Sealed polyester topcoat
- Epoxy primer

Lens:

Hard-coated polycarbonate
Tempered glass

Vibration:

Up to 5G @ 10-150Hz for 750,000 cycles,
per IEC 60068-2-6 for luminaire only

Shock:

50G half-sine for 3 cycles,
per IEC 60068-2-27 for luminaire only

Photometric Information:

CRI:

80

CCT:

5000K (cool white)
4000K (neutral white)

Optics:

360°
180° forward throw for 45° mounting
Wide for 0° mounting

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

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SafeSite® LED Area Light

Accessories

Area Lights with Universal Mounting Adapter & Brackets Sold Separately



+



UMA Area Light
ALx-xxxx-xxUx-xxN

Stanchion 45°
HZXS45

Wall 45°
HZXW45

Wall 0°
HZXW01

Conveyor
HZXCVC34

Ceiling
HZXFM

Stanchion 90°
HZXS90 / HZXT90



Certified to: UL 50E • CSA C22.2 No. 94.2-07

HZXSTAN100S

- 1.00" (1.315" Pole OD) Slip-fit stanchion mount

HZXSTAN125S

- 1.25" (1.660" Pole OD) Slip-fit stanchion mount

HZXSTAN150S

- 1.50" (1.900" Pole OD) Slip-fit stanchion mount

HZXSTAN200S

- 2.00" (2.375" Pole OD) Slip-fit stanchion mount

HZXSTAN100T

- 1.00" (1.315" Pole OD) NPT threaded stanchion mount

HZXSTAN125T

- 1.25" (1.660" Pole OD) NPT threaded stanchion mount

HZXSTAN150T

- 1.50" (1.900" Pole OD) NPT threaded stanchion mount

HZXSTAN200T

- 2.00" (2.375" Pole OD) NPT threaded stanchion mount



HZXW3

- 316 stainless steel bracket

HZXW7

- Aluminum bracket

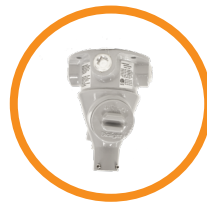


HZXW4

- 316 stainless steel bracket with pipe clamp

HZXW8

- Aluminum bracket with pipe clamp



Certified to: UL 50E • UL 1203

ISA 12.12.01 • CSA C22.2 No. 94.2-07

HBXC1

- 0.75" NPT Ceiling mount



Certified to: UL 50E • CSA C22.2 No. 94.2-07

HZXJB075

- 0.75" Ceiling / Wall / Pole mount junction box

HZXJB100

- 1.00" Ceiling / Wall / Pole mount junction box

HZXJB125

- 1.25" Ceiling / Wall / Pole mount junction box

HZXJB150

- 1.50" Ceiling / Wall / Pole mount junction box



HZXSAFECBLS

- Safety cable kit

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