

L70
25°C

150,000 Hours



NOTES:

FIXTURE TYPE:

PROJECT:



FEATURES

- Low profile & Lighter - 100mm fixture height, perfect for mounting in confined or low height areas
- Rugged Heat Sink - Superior thermal design provides outstanding performance from -40°C to 70°C
- Simple Installation - Clamshell design allows easy access to drivers and multiple entries for through wiring
- High Output - Two models from 5,100 to 13,600 lumens with up to 170Lm/W
- Multiple Beam Angles - 30°, 60°, 90°, 110°, T2, T3, T4 lenses provide more choices for different scenarios
- Emergency Battery Backup - 90-minute minimum running time at 8W in emergency mode

STANDARD MATERIALS

Body:

Housing and splice box are die-cast copper-free aluminum with baked powder epoxy/polyester finish

Gaskets:

High temperature resistant silicone

Lens:

Heat, shock, impact, and UV resistant polycarbonate

Hardware:

Stainless Steel with lacquer-free nameplate

ADDITIONAL FEATURES

- Universal voltage: AC120-277, 347-480V (50/60Hz)
- High efficacy up to 170lm/W
- Optional self-testing emergency battery backup
- Optics:30°/60°/90°/110°/T2/T3/T4
- CCT Adjustable (3000K/4000K/5000K)
- Wildlife-friendly amber color options
- 10kV surge protector is standard, 20kV optional
- 9 different mounting options
- Dimming: Standard 1-10VDC
- Ambient operating temperature -40°C to 70°C (standard model) -20°C to 50°C (emergency battery backup model)
- Lumen maintenance L70>150,000 @ 25°C
- 5-year warranty

CLASSIFICATIONS

- Class I, Division 2, Groups A, B, C, & D
- Class II, Division 1 & 2, Groups E, F & G
- Class III
- Class I, Zone 2, Group IIC
- Zone 21
- UL 844 Hazardous Locations
- UL 1598 Wet Locations
- UL 1598A Marine Outside Type
- UL 8750 LED Safety
- CSA C22.2 No. 137
- CSA C22.2 No. 141-15
- NEMA 4X
- IP67
- IK10
- 5G
- Resistant up to 2,000 PSI hose directed water
- Tested to 1000 hrs salt spray to standard ASTM"B117-11"



ORDERING LOGIC

HZLE 10 - U - 2 - 30 - WW - TPL - PD - GR - XX

1

1
BASIC LUMINAIRE
HZLE = N. American Standards

2

2
LUMENS/WATTS
05 = 5,100 Lumens / 30 Watts (2 ft)
07 = 6,800 Lumens / 40 Watts (2 ft)
08 = 7,650 Lumens / 45 Watts (4 ft)
10 = 10,200 Lumens / 60 Watts (4 ft)
14 = 13,600 Lumens / 80 Watts (4 ft)

3

3
VOLTAGE
U = 100-277V
N = 347-480V

4

4
PROTECTION LEVEL
2 = C1D2, C2D1

5

5
OPTICS
30 = 30° Beam Angle
60 = 60° Beam Angle
90 = 90° Beam Angle
110 = 110° Beam Angle
T2 = Type II
T3 = Type III
T4 = Type IV

6

6
COLOR TEMPERATURE
WW = 2700K (Warm white)
SW = 3000K (Soft white)
NW = 4000K (Neutral white)
CW = 5000K (Cool white)
AM = Amber
AJC = Adjustable CCT
(3000K/4000K/5000K)

7

7
LENS
TPL = Transparent Polycarbonate
FPL = Frosted Polycarbonate

8

8
MOUNTING STYLE
PD = Pendant mount (3/4" NPT)
FLM = Flush ceiling/wall mount
OSM = Offset ceiling/wall swivel bracket
HM = Hanging mount
PCM48 = Pole clamp 48mm for pole 1-7/8"
PCM60 = Pole clamp 60mm for pole 2-3/8"
W90 = Wall mount 90°
W25 = Wall mount 25°
S90A = Stanchion-90° (1-1/4" NPT)
S90B = Stanchion-90° (1-1/2" NPT)
S25A = Stanchion-25° (1-1/4" NPT)
S25B = Stanchion-25° (1-1/2" NPT)

8

9
COLOR
GR = Gray

9

10
OPTIONS
EMB = Emergency battery backup
(-20°C ≤ Ta ≤ 50°C)
SC2 = Safety cable
SP10U = 10KV surge protector
(100-277V) * Standard
SP10N = 10KV surge protector
(347-480V) * Standard
SP20U = 20KV surge protector
(100-277V)
SP20N = 20KV surge protector
(347-480V)
CAB = 3' SEOOW-18/3 Cord
CGL = Cable gland 3/4" NPT

10

CERTIFICATION GUIDE

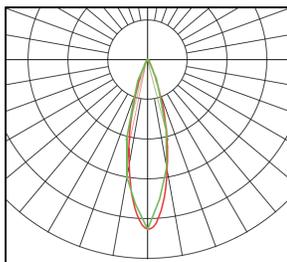
Model	Watts	Operating Voltage	Total Lumens ¹	Lumens per Watt ¹	CRI ¹	CCT ¹	Ambient Temperature ¹	Class I, Div. 2, Group A, B, C & D	Class II, Div. 1, Group E, F, G, Class III	Supply Wire Suitable Temperature, °C
HZLE05	30W	100-277V 50/60HZ	5100	170.0	70	4000K	-40°C < Tamb < 65°C	T5	T5	90 °C
HZLE05	30W	100-277V 50/60HZ	5100	170.0	70	4000K	-40°C < Tamb < 70°C	T4A	-	90 °C
HZLE07	40W	100-277V 50/60HZ	6800	170.0	70	4000K	-40°C < Tamb < 65°C	T5	T5	90 °C
HZLE07	40W	100-277V 50/60HZ	6800	170.0	70	4000K	-40°C < Tamb < 70°C	T4A	-	90 °C
HZLE08	45W	100-277V 50/60HZ	7650	170.0	70	4000K	-40°C < Tamb < 65°C	T5	T5	90 °C
HZLE08	45W	100-277V 50/60HZ	7650	170.0	70	4000K	-40°C < Tamb < 70°C	T4A	-	90 °C
HZLE10	60W	100-277V 50/60HZ, 347/480V 60HZ	10200	170.0	70	4000K	-40°C < Tamb < 65°C	T5	T5	90 °C
HZLE10	60W	100-277V 50/60HZ, 347/480V 60HZ	10200	170.0	70	4000K	-40°C < Tamb < 70°C	T4A	-	90 °C
HZLE14	80W	100-277V 50/60HZ, 347/480V 60HZ	13600	170.0	70	4000K	-40°C < Tamb < 65°C	T5	T5	90 °C
HZLE14	80W	100-277V 50/60HZ, 347/480V 60HZ	13600	170.0	70	4000K	-40°C < Tamb < 70°C	T4A	-	90 °C

* Ambient temperature of all EMB option models is -20°C ≤ Tamb ≤ 50°C.

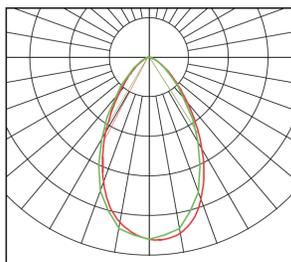
1. When FPL or optics options are selected, total lumens, lumens per watt, CRI, CCT or ambient temperature may change. Consult factory for values.

PHOTOMETRIC DATA

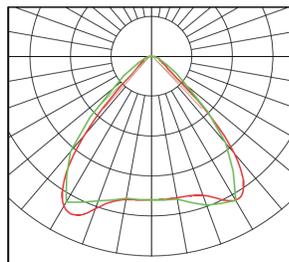
30°



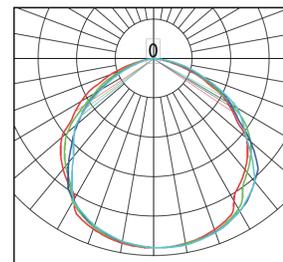
60°



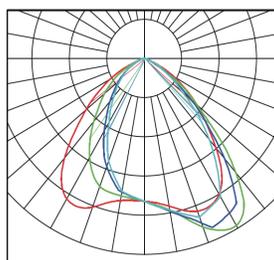
90°



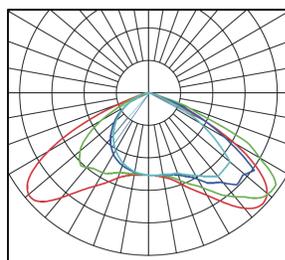
110°



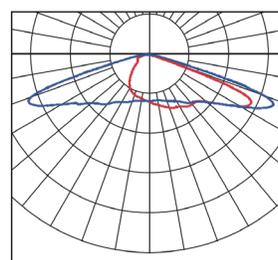
Type II



Type III



Type IV



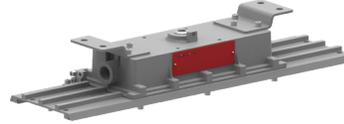
MOUNTING OPTIONS

Pendant Mount: PD - 3/4" NPT



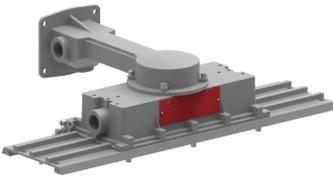
Fixture	Weight
HZLE05	10.14 lbs.
HZLE07	10.14 lbs.
HZLE08	14.99 lbs.
HZLE10	14.99 lbs.
HZLE14	14.99 lbs.

Flush Mount: FLM



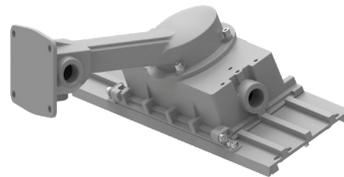
Fixture	Weight
HZLE05	11.46 lbs.
HZLE07	11.46 lbs.
HZLE08	16.31 lbs.
HZLE10	16.31 lbs.
HZLE14	16.31 lbs.

90° Wall Mount: W90 - 3/4" NPT



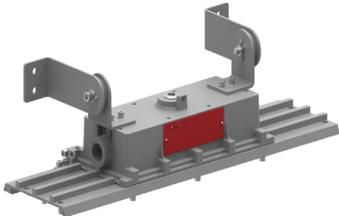
Fixture	Weight
HZLE05	13.23 lbs.
HZLE07	13.23 lbs.
HZLE08	16.63 lbs.
HZLE10	16.63 lbs.
HZLE14	16.63 lbs.

25° Wall Mount: W25 - 3/4" NPT



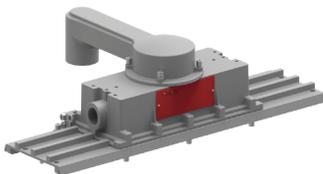
Fixture	Weight
HZLE05	13.23 lbs.
HZLE07	13.23 lbs.
HZLE08	18.08 lbs.
HZLE10	18.08 lbs.
HZLE14	18.08 lbs.

Offset Ceiling/Wall Swivel Bracket: OSM



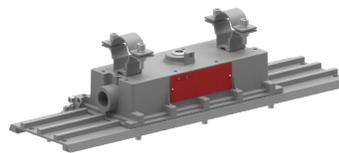
Fixture	Weight
HZLE05	12.34 lbs.
HZLE07	12.34 lbs.
HZLE08	17.19 lbs.
HZLE10	17.19 lbs.
HZLE14	17.19 lbs.

90° Stanchion Mount: S90A - 1-1/4" / S90B - 1-1/2"



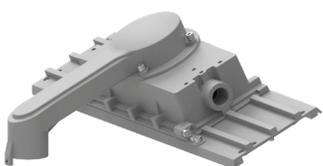
Fixture	Weight
HZLE05	12.13 lbs.
HZLE07	12.13 lbs.
HZLE08	16.98 lbs.
HZLE10	16.98 lbs.
HZLE14	16.98 lbs.

Pole Clamp Mount



Fixture	Weight
HZLE05	10.96 lbs.
HZLE07	10.96 lbs.
HZLE08	15.81 lbs.
HZLE10	15.81 lbs.
HZLE14	15.81 lbs.

25° Stanchion Mount: S25A - 1-1/4" / S25B - 1-1/2"



Fixture	Weight
HZLE05	12.13 lbs.
HZLE07	12.13 lbs.
HZLE08	16.98 lbs.
HZLE10	16.98 lbs.
HZLE14	16.98 lbs.

Hanging Mount



Fixture	Weight
HZLE05	10.38 lbs.
HZLE07	10.38 lbs.
HZLE08	15.23 lbs.
HZLE10	15.23 lbs.
HZLE14	15.23 lbs.

ACCESSORIES

	Catalog No.	Size (in.)	Shipping Weight (lbs.)
Emergency Backup Battery 	EMB	5.52" x 1.7" x 1.06" and 9.46" x 1.3" x 1.3"	0.66 lbs. 0.87 lbs.
Stainless Steel Hanging Chain 	HC (1 pair)	39.4"	0.24 lbs.
Stainless Steel Safety Cable 	SC1	39.4"	0.29 lbs.
Flush Mount Kit 	FLM (i pair)	3.74" x 3.15" x 0.95"	1.32 lbs.
Offset Ceiling/Wall Swivel Bracket 	OSM (1 pair)	5.24" x 4.49" x 2.68"	2.20 lbs.
Pole Clamp Mount Kit 	PCM (1 pair)	3.62" x 2.36" x 1.3"	0.82 lbs.

	Catalog No.	Size (in.)	Shipping Weight (lbs.)
3' SEOWW-18/3 Cord 	CAB	39.4"	0.21 lbs.
Cable Gland 	CGL	1.46" x 1.73"	0.06 lbs.
10KV Surge Protector 	SP10U 10KV (100-277V)	4.18" x 0.91" x 0.51" Without Wire	0.09 lbs.
* Standard	SP10N 10KV (347-480V)	4.18" x 0.91" x 0.51" Without Wire	0.09 lbs.
20KV Surge Protector 	SP20U 20KV (100-277V)	4.41" x 1.1" x 0.59" Without Wire	0.12 lbs.
	SP20N 20KV (347-480V)	4.41" x 1.1" x 0.59" Without Wire	0.12 lbs.