

GENERAL DESCRIPTION

Solaray combines an industry recognized outdoor luminaire with a custom fitted emergency lamp. The result is a single fixture for normal and outdoor egress lighting. Solaray meets the Buy American requirements.

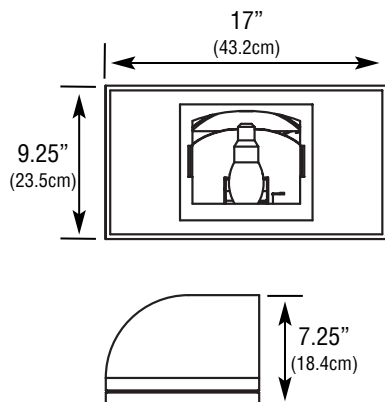
ILLUMINATION

Normal illumination is provided by one 100-watt, high-pressure sodium lamp or one 100-watt, metal halide lamp, combined with a polished specular aluminum reflector with type 4 distribution. Normally on illumination may be switched or photocell controlled. Emergency illumination is accomplished with a 35-watt, instant strike Xenarc® lamp, powered from a remote emergency battery unit (sold separately).

INSTALLATION

Solaray is designed with a pre-mountable wall box with integral splice chamber for easy, hands-free wall positioning and wiring. A built-in bubble level aids in accuracy. A polarized, low-voltage, emergency power connector is supplied with a 10 foot interconnect.

DIMENSIONS



Dimensions are approximate and subject to change.

Solaray

Forward Throw Cutoff Luminaire Type 4 Distribution Integral 35-Watt Emergency Xenarc® Lamp*



SHOWN: FT1MHEMBZ

Define for yourself the outdoor egress lighting requirement to the "public way" and use traditional emergency lighting fixtures with uncertainty. Design and install Chloride's Solaray outdoor wall pack and remove all doubts. Solaray allows the lighting professional to meet normal and emergency outdoor lighting requirements in one attractive package.

HOUSING

All housing components are of premium die-cast aluminum construction with a durable bronze powder coat finish. Stainless steel torx head T25 tamperproof hardware included.

ELECTRONICS

AC Only - HX/HPF core/coil HID ballast, spring loaded 4KV pulse rated HID socket, medium base

Emergency Operation - 35-watt, instant strike Xenarc® lamp (requires a remote emergency power source of 12 VDC, 35-watts minimum)

OPERATING TEMPERATURE RANGE

Wet location: -40°F (-40°C) to 104°F (40°C)

RECOMMENDED EMERGENCY BATTERY UNITS (SOLD SEPARATELY)

Indoor/Outdoor** Recessed Ceiling Mount
CPM50LWDLTD
Indoor Surface Mount
TMF50ICTD

* The Solaray emergency lamp requires a remote 12 VDC power source.

** The CPM50LWDLTD may be used outdoors in locations where the product is not directly exposed to the elements.

CODE COMPLIANCE

Wet location listed
ETL listed to UL 924 standards
ETL listed to UL 1598 standards
ETL listed to CSA C22.2 No 141-02 standards
ETL listed to CSA C22.2 No 250.0-04 standards
NFPA 101, NEC, BOCA, OSHA and IBC illumination standards

ELECTRICAL SPECIFICATIONS

120/208/240/277 VAC, 60 HZ, multi-tap input wiring
130-watts power consumption

WARRANTY (EXCLUDES LAMPS)

Five year warranty

ORDERING INFORMATION (EXAMPLE: FT1MHEMBZ)

FT	 	 	BZ
SERIES	AC LAMP TYPE	EMERGENCY FUNCTION¹	HOUSING COLOR
FT = Forward Throw Cutoff Luminaire	1HPS = 100-Watt, High-Pressure Sodium Lamp 1MH = 100-Watt, Metal Halide Lamp	Blank = AC Fixture, No Emergency Lamp EM = 35-Watt, Instant Strike Xenarc® Lamp	BZ = Bronze

NOTES:

1) Requires a remote emergency power source of 12 VDC and at least 35-watts and TD to cover re-strike period.

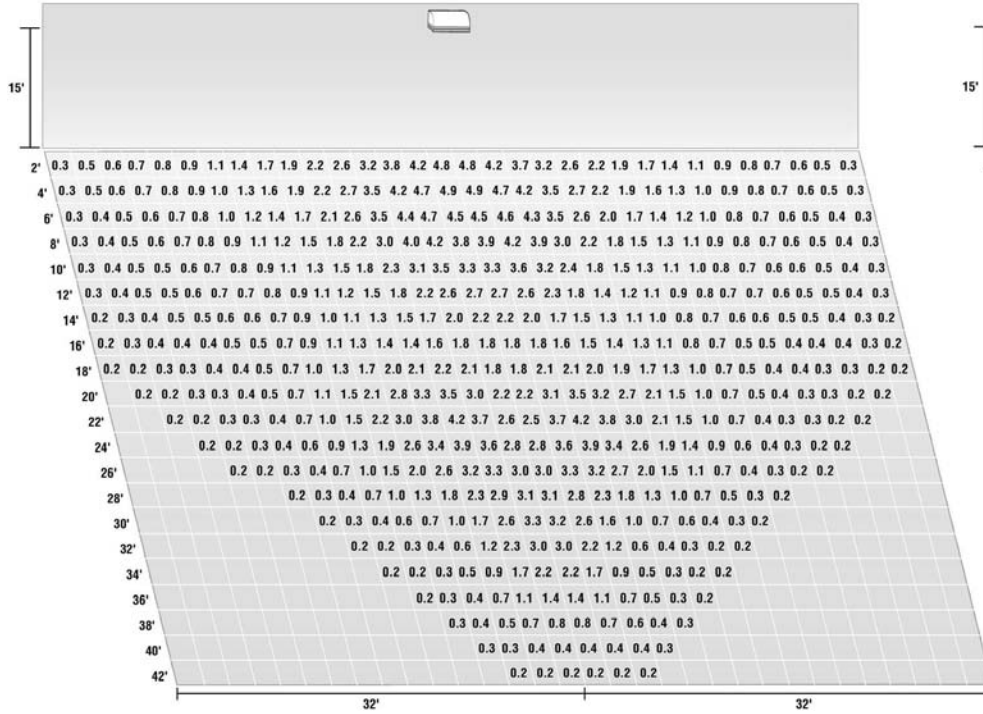
Specification Data for Solaray

ILLUMINATION

I.E.S. format photometric data files are available for use with most lighting layout application software.

PHOTOMETRIC DATA*

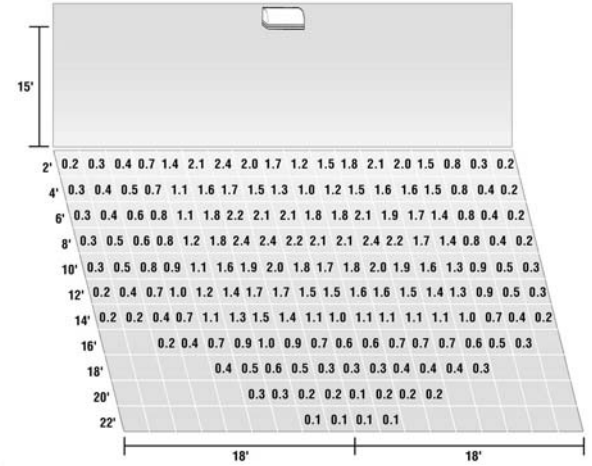
Metal Halide in AC Mode, 15' AFF



Average initial footcandles at floor = 1.41
Maximum initial footcandles at floor = 4.9

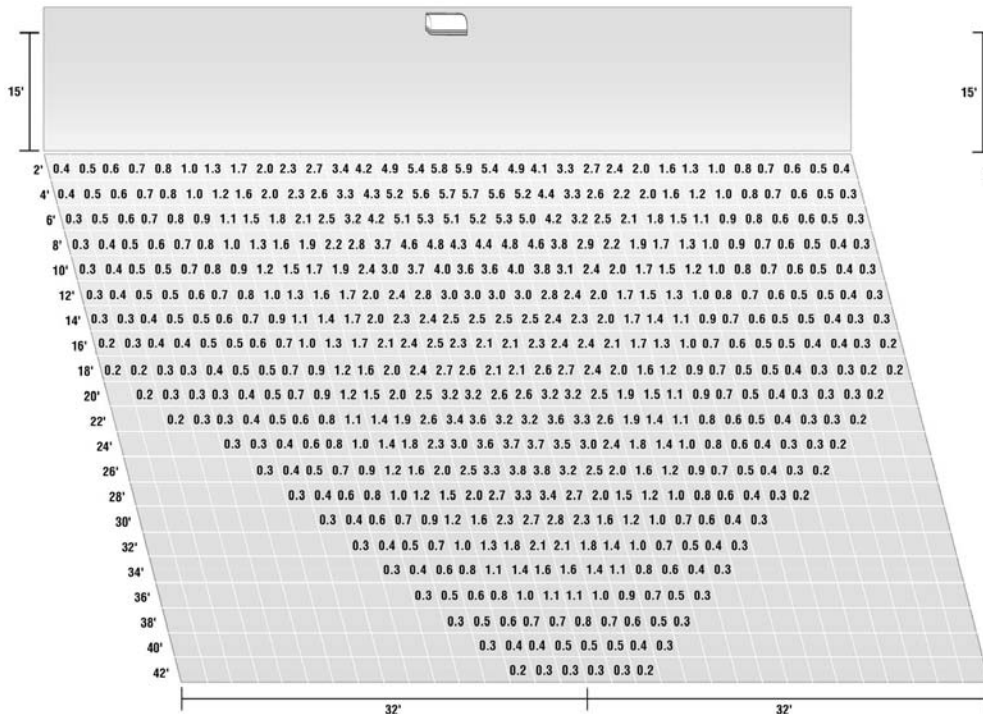
Minimum initial footcandles at floor = 0.2
Maximum to minimum ratio = 24.50

Metal Halide in Emergency Mode, 15' AFF



Average initial footcandles at floor = 1.03
Maximum initial footcandles at floor = 2.4
Minimum initial footcandles at floor = 0.1
Maximum to minimum ratio = 24.00

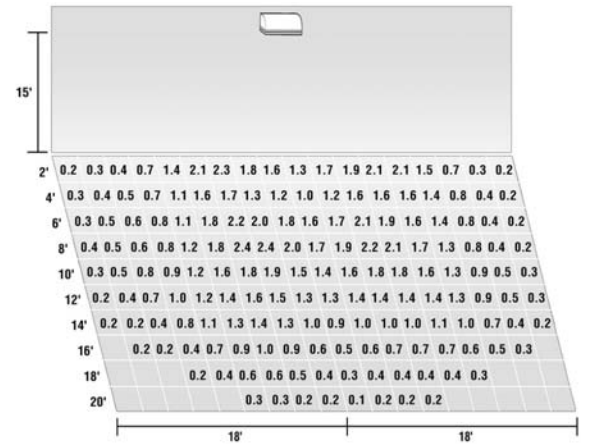
HPS in AC Mode, 15' AFF



Average initial footcandles at floor = 1.55
Maximum initial footcandles at floor = 5.9

Minimum initial footcandles at floor = 0.2
Maximum to minimum ratio = 29.50

HPS in Emergency Mode, 15' AFF



Average initial footcandles at floor = 1.06
Maximum initial footcandles at floor = 2.4
Minimum initial footcandles at floor = 0.1
Maximum to minimum ratio = 24.00

*The optics layout is intended to be used as reference only. Standard reflectances used were 0/50/20. Chloride is not responsible for site specific conditions that may alter the results.

Xenarc® is a registered trademark of Osram Sylvania



CHLORIDE
SYSTEMS

272 West Stag Park Service Road • Burgaw NC 28425
Telephone: (910) 259 1000 • Facsimile: (800) 258 8803
www.chloridesys.com

C1500R9
2/11 IH