# SECURITY

# ASE100 SERIES

MANUFACTURED IN THE USA

## Angled Wall / Ceiling Security Luminaire

- Angled Wall / Ceiling Security Luminaire
- Welded and Painted After Fabrication
- Full Length Piano Hinge and Captive Tamper Proof Screws
- Nominal .187 High Impact Clear Prismatic Acrylic Lens
- One Way Polyurethane Gasketed
- Suitable for Damp Locations
- Available with:
  - Fluorescent, LED and LED T8 (Internally Driven)
  - Variety of Lens
  - Emergency Battery Pack

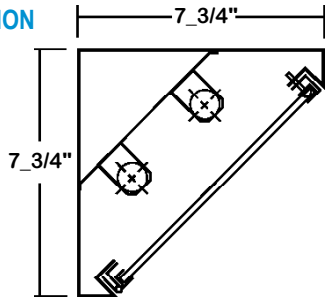
UL CERTIFIED

Photometric Data and IES Files are Available on www.lalighting.com

**LOS ANGELES LIGHTING MFG. CO.**
10141 OLNEY ST. / EL MONTE, CA 91731
TEL : 626-454-8300 FAX : 626-454-8399
www.lalighting.com

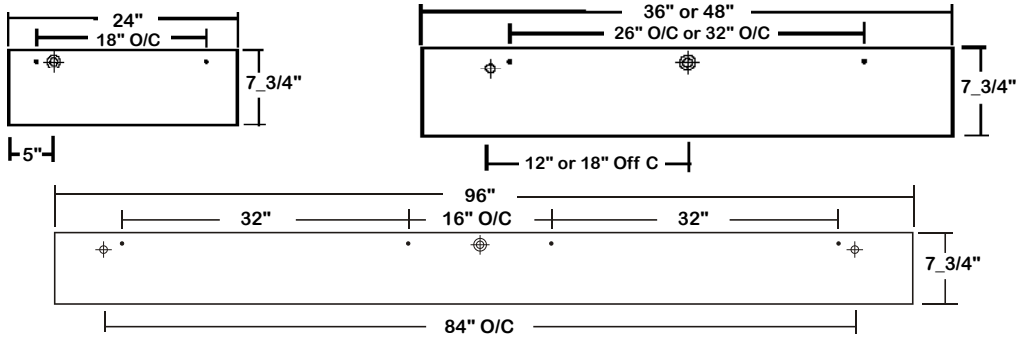
# ASE100 SERIES

CROSS SECTION




## BACK PLATE

- 3/8" K.O.
- 7/8" K.O.
- 2" K.O.

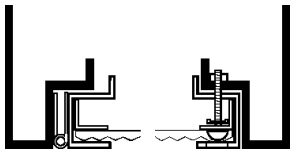



## CATALOG NUMBER

| | NOMINAL LENGTH | TOTAL LAMPS | | NOMINAL LENGTH | TOTAL LAMPS |
|---|---|---|---|---|---|
| ASE100-1-2M | 2' | 1 | ASE100-1-2R | 2' | 1 |
| ASE100-1-3M | 3' | 1 | ASE100-1-3R | 3' | 1 |
| ASE100-1-4M | 4' | 1 | ASE100-1-4R | 4' | 1 |
| ASE100-1-8MT | 8' | 2 | ASE100-1-8RT | 8' | 2 |
| ASE100-2-2M | 2' | 2 | ASE100-2-2R | 2' | 2 |
| ASE100-2-3M | 3' | 2 | ASE100-2-3R | 3' | 2 |
| ASE100-2-4M | 4' | 2 | ASE100-2-4R | 4' | 2 |
| ASE100-2-8MT | 4' | 2 | ASE100-2-8RT | 4' | 2 |

## DOOR FRAME INFORMATION

- CROSS SECTION



- EXPLANATION
  1. Continuous Piano Hinge.
  2. Two Captive Tamper Proof Screws (Hex Socket With Post).
  3. Inner Frame Lens Retainer Rail.

FS W

FINISHES
W - White Enamel
B - Black Enamel

STYLES
FS - Flat Steel

## ORDERING GUIDE

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| SPECIFIED | | - | | - | | - | | - | | - | | - | | - | | - | | - | |
| EXAMPLE | ASE100 | - | 2 | - | 4R | - | FSW | - | DRP8 | - | | - | | - | 2E8I | - | UNV | | |

SERIES
LAMP ROWS
NOMINAL LENGTH (FEET)
LAMP / WIRING
DOOR FRAME
OPTICAL OPTION
MECHANICAL OPTION
ELECTRICAL OPTION
BALLAST TYPE
VOLTAGE

NOTE:LAMP/WIRING*
M= Miniature Bi-Pin T5
R = Medium Bi-Pin T8

## OPTIONS AND ACCESSORIES

| ● OPTICAL OPTIONS | SUFFIX |
|---|---|
| High Impact Clear Prismatic Acrylic .187 | DRP8 |
| High Impact Clear Prismatic Acrylic .125 | DRP2 |
| Clear Prismatic Polycarbonate .125 | PPC2 |
| Clear Prismatic Polycarbonate .187 | PPC8 |
| * Other Lens Available Upon Request | |

| ● MECHANICAL OPTIONS | SUFFIX |
|---|---|
| Gasketing | GSK* |

| ● ELECTRICAL OPTIONS | SUFFIX |
|---|---|
| Emergency Battery Pack | BP* |
| External Line Fusing (HLR/GLR) | ELF |

| ● BALLAST OPTIONS* | SUFFIX |
|---|---|
| Electronic T5 | xE5 |
| Electronic T5HO | xE5H |
| Electronic T8 Instant Start | xE8I |
| Electronic T8 Rapid Start | xE8R |
| Electronic T8HO | xE8H |

*Refer to www.lalighting.com/resources for more information

x = Number of Lamps per Ballast

## SPECIFICATIONS

- **TYPE** — Surface mounted corner wall / ceiling security luminaire. Design for use in public areas where vandalism may be a problem.
- **CONSTRUCTION** — 20 gauge cold rolled steel welded housing.
- **FINISH** — Baked white powder coated finish, minimum reflectance 90%, painted after fabrication.
- **DOOR FRAME** — 20 gauge cold rolled steel. Full length piano hinge and 2 captive tamper proof screws (hex socket with post). Inner frame lens retainer rail.
- **GASKET** — One way polyurethane gasketed standard. More options available.
- **OPTICS** — .187 high impact clear prismatic acrylic standard.
- **WIRING** — 120v 60Hz., 277v 60Hz., UNV (universal voltage 120v thru 277v.) or as otherwise specified.
- **LABELS** — U.L. Listed. Suitable for damp locations.

Manufactured in El Monte California

CERTIFIED

MANUFACTURED IN THE USA



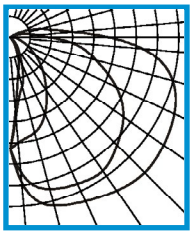
Los Angeles Lighting Mfg. Co. El Monte / California TEL: 626-454-8300 FAX: 626-454-8399 www.lalighting.com

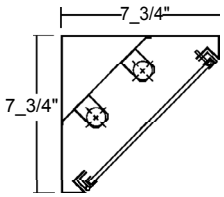
# PHOTOMETRIC DATA



## ASE100-2-4R-FSW-DRP8-E8

TEST NO.=LA-T0686
LAMP TYPE=FO32T8
NO. OF LAMP=2
LUMENS PER LAMP=2900
WATTS PER LAMP=32
BALLAST FACTOR=1
PHOTOMETRY TYPE=C






## CANDLEPOWER

| ANGLE | 0 | 45 | 90 | 135 | 180 |
|---|---|---|---|---|---|
| 0 | 966 | 966 | 966 | 966 | 966 |
| 5 | 1282 | | 906 | 643 | 577 |
| 15 | 1504 | | 846 | 417 | 282 |
| 25 | 1558 | | 715 | 218 | 136 |
| 35 | 1611 | | 539 | 116 | 41 |
| 45 | 1645 | | 389 | 43 | 0 |
| 55 | 1615 | | 254 | 7 | 0 |
| 65 | 1560 | | 154 | 0 | 0 |
| 75 | 1447 | | 85 | 0 | 0 |
| 85 | 1146 | | 49 | 0 | 0 |
| 90 | 858 | | 23 | 0 | 0 |
| 95 | 550 | | 11 | 0 | 0 |
| 105 | 286 | | 1 | 0 | 0 |
| 115 | 125 | | 0 | 0 | 0 |
| 125 | 32 | | 0 | 0 | 0 |
| 135 | 0 | | 0 | 0 | 0 |
| 145 | 0 | | 0 | 0 | 0 |
| 155 | 0 | | 0 | 0 | 0 |
| 165 | 0 | | 0 | 0 | 0 |
| 175 | 0 | | 0 | 0 | 0 |
| 180 | 0 | | 0 | 0 | 0 |

## ZONAL LUMEN SUMMARY

| DEGREES | LUMENS | % LAMP | % FIXTURE |
|---|---|---|---|
| 0-30 | 704 | 12.1 | 19.5 |
| 0-40 | 1156 | 19.9 | 32.1 |
| 0-60 | 2158 | 37.2 | 59.9 |
| 0-90 | 3342 | 57.6 | 92.7 |
| 90-120 | 259 | 4.5 | 7.2 |
| 90-150 | 263 | 4.5 | 7.3 |
| 90-180 | 263 | 4.5 | 7.3 |
| 0-180 | 3606 | 62.2 | 100.0 |

Lumen Output = 3606 lumens
Luminaire Efficiency = 62.2%

## SPACING CRITERION

| ALONG | ACROSS |
|---|---|
| 2.24 | 1.01 |

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