# ARCHITECTURAL

# ABI100 SERIES

## Baffled Retail Luminaire

MANUFACTURED IN THE USA

Manufactured in El Monte California



- Baffled Retail Luminaire
- Industrial Appearance
- Welded And Painted After Fabrication
- Row Mountable
- Suitable for Damp Locations
- Available with:
  - Fluorescent and LED TUBE (Internally Driven)
  - Closed or Slotted Reflector
  - Solid or Perforated Baffled Louver
  - Emergency Battery Pack

UL CERTIFIED

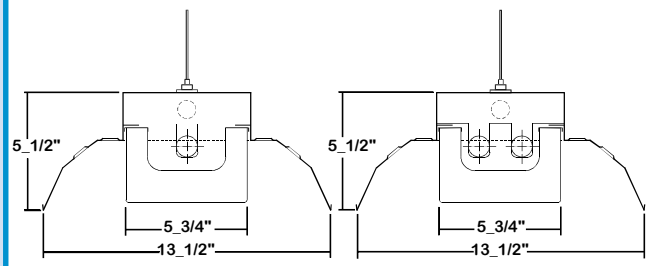
Photometric Data and IES Files are Available on www.lalighting.com

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

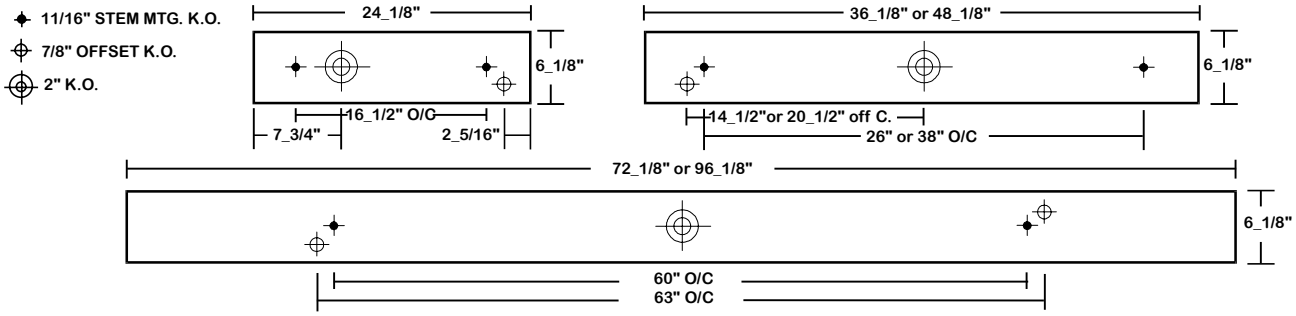
# ABI100 SERIES



## CROSS SECTION



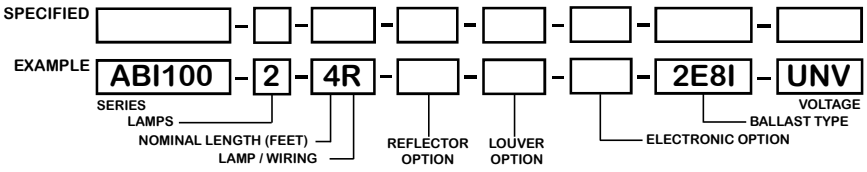

## BACK PLATE




## CATALOG NUMBER

| | NOMINAL LENGTH | TOTAL LAMPS | | NOMINAL LENGTH | TOTAL LAMPS |
|---|---|---|---|---|---|
| ABI100-1-2R | 2' | 1 | ABI100-2-2R | 2' | 2 |
| ABI100-1-3R | 3' | 1 | ABI100-2-3R | 3' | 2 |
| ABI100-1-4R | 4' | 1 | ABI100-2-4R | 4' | 2 |
| ABI100-1-6RT | 6' | 2 | ABI100-2-6RT | 6' | 4 |
| ABI100-1-8RT | 8' | 2 | ABI100-2-8RT | 8' | 4 |

## ORDERING GUIDE




**NOTE:LAMP/WIRING***
R = Medium Bi-Pin T8
RT = Medium Bi-Pin T8, Tandem Wiring

## OPTIONS AND ACCESSORIES

**● REFLECTOR OPTIONS** — SUFFIX

**Slotted Reflector** — UR
Leave blank for solid reflector.


Slotted Reflector

**● LOUVER OPTIONS** — SUFFIX

**Perforated Baffled Louvers** — PL
Leave blank for solid louvers.

**● ELECTRICAL OPTIONS** — SUFFIX

**Emergency Battery Pack** — BP*
**External Line Fusing (HLR/GLR)** — ELF

**● BALLAST OPTIONS** — SUFFIX

**Electronic T8** — E8*
**Electronic Step Dimming T8** — ESDM8*

**● ACCESSORIES** — CAT. NO.

**Fixture Suspension System** — *

## SPECIFICATIONS

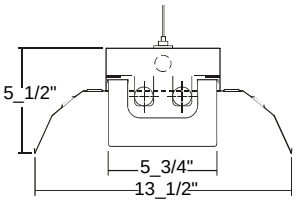
- **TYPE** — Architectural baffled luminaire.
- **CONSTRUCTION** — Cold rolled steel welded housing.
- **FINISH** — Baked white powder coated finish standard, minimum reflectance 90%. Painted after fabrication. (Other colors available)
- **REFLECTOR** — Solid reflector standard, slotted reflector for uplight also available.
- **OPTICS** — Solid baffle louvers standard, perforated baffle louvers available.
- **WIRING** — 120v 60Hz., 277v 60Hz., UNV (universal voltage 120v thru 277v.) or as otherwise specified.
- **LABELS** — U.L. Listed. Suitable for damp locations.

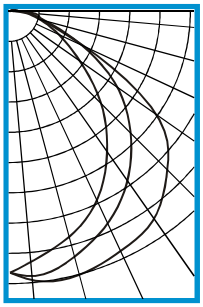
MANUFACTURED IN THE USA

# PHOTOMETRIC DATA

**ABI100-2-4R-UR-SL-E8**

**TEST NO.=LA-T0680**
**LAMP TYPE=FO32T8**
**NO. OF LAMP=2**
**LUMENS PER LAMP=2900**
**WATTS PER LAMP=32**
**BALLAST FACTOR=1**
**PHOTOMETRY TYPE=C**



**CANDLEPOWER**

| ANGLE | END | 45 | CROSS |
|---|---|---|---|
| 0 | 1378 | 1378 | 1378 |
| 5 | 1323 | 1401 | 1424 |
| 15 | 1225 | 1334 | 1436 |
| 25 | 1090 | 1227 | 1390 |
| 35 | 892 | 1081 | 1328 |
| 45 | 672 | 897 | 1172 |
| 55 | 440 | 684 | 933 |
| 65 | 276 | 407 | 415 |
| 75 | 157 | 187 | 174 |
| 85 | 66 | 97 | 128 |
| 90 | 22 | 50 | 60 |
| 95 | 11 | 37 | 33 |
| 105 | 6 | 25 | 18 |
| 115 | 3 | 15 | 7 |
| 125 | 0 | 10 | 3 |
| 135 | 0 | 5 | 1 |
| 145 | 0 | 2 | 3 |
| 155 | 0 | 0 | 0 |
| 165 | 0 | 0 | 0 |
| 175 | 0 | 0 | 0 |
| 180 | 0 | 0 | 0 |

**ZONAL LUMEN SUMMARY**

| DEGREES | LUMENS | % LAMP | % FIXTURE |
|---|---|---|---|
| 0-30 | 1081 | 18.6 | 28.3 |
| 0-40 | 1769 | 30.5 | 46.4 |
| 0-60 | 3088 | 53.2 | 81.0 |
| 0-90 | 3740 | 64.5 | 98.1 |
| 90-120 | 66 | 1.1 | 1.7 |
| 90-150 | 74 | 1.3 | 1.9 |
| 90-180 | 74 | 1.3 | 1.9 |
| 0-180 | 3814 | 65.8 | 100.0 |

Lumen Output = 3814 lumens
Luminaire Efficiency = 65.8%

**SPACING CRITERION**

| ALONG | ACROSS |
|---|---|
| 1.09 | 1.45 |

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