

# DUAR20 SERIES LED UTILITY LUMINAIRE

U.8.14.19

DUAR20  
LED UTILITY

## DESCRIPTION:

Lighting for exterior retail, commercial and hospitality environments. The AR20 Series consists of a decorative acorn combined with one of several styles of cast aluminum fitters. Powered by Amerlux's patented AVISTA® LED system with options for intensity, distribution and color.

## INSTALLATION:

The luminaire will mount to a 3" OD post or tenon with 5/16" black oxide coated stainless steel set screws to ensure a solid connection. The diffuser will be held to the fitter by (4) 5/16"-18 black oxide coated stainless steel captive set screws.

## ELECTRICAL:

- Over voltage and short circuit protected driver
- Series connected 10kV/20kA surge protector
- Automatic AC incoming voltage sensing (120V-277V)
- 0-10v dimming

ETL listed, suitable for wet locations.

## DIFFUSER CHOICES:

- Clear Textured Polycarbonate (**PC-CL**)
- Clear Textured DR Acrylic (**DR-CL**)

## FINISH:

Durable thermoset polyester powdercoat finish in the following:

- Satin Black (**BLK**)
- Classic Bronze (**CLB**)
- Gloss Textured Bronze (**GBZ**)
- Green (**GRN**)
- Gloss Textured Black (**GTB**)
- Textured Black (**TBK**)
- Gloss Textured Green (**TGR**)

## DISTRIBUTION:

- Symmetric (**SY**)
- Asymmetric (**AS**)
- Street Optic (**SO**)

## LED Board Drive Current:

- 500ma (**500M**)
- 700ma (**700M**)
- 1200ma (**1200M**)

## CCT:

- 2,700K (**27**)
- 3,000K (**30**)
- 4,000K (**40**)

## L70:

50,000+

## ACCESSORIES:

- Cast aluminum Finial (**CFIN**)
- Dusk-to-dawn button type photocell (**PCL**)

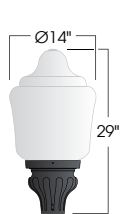


PROJECT:

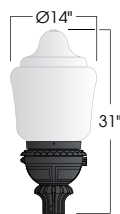
LOCATION:

FIXTURE TYPE:

NOTES:



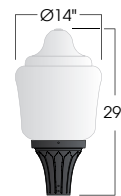
DUF1/AR20  
EPA: 149



DUF4/AR20  
EPA: 161



DUF34/AR20  
EPA: 139



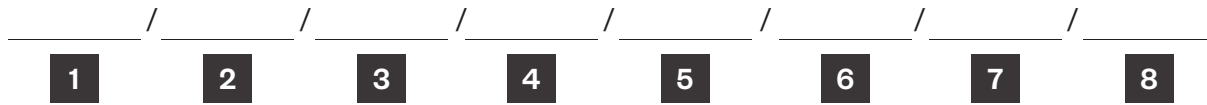
DUF37/AR20  
EPA: 144



**5** year limited warranty  
AMERLUX LED



## Ordering Information



Add additional accessories as needed.

**1**Model

**DUF1/AR20**  
**DUF4/AR20**  
**DUF34/AR20**  
**DUF37/AR20**

**2**DiffuserMaterial-Color

**PC-CL** - Clear Textured Polycarbonate  
**DR-CL** - Clear Textured DR Acrylic

**3**LED System

**AVI2** - Standard model

**4**Light Distribution

**SY** - Symmetric  
**AS** - Asymmetric  
**SO** - Street Optic

**5**CCT

**27** - 2,700K  
**30** - 3,000K  
**40** - 4,000K

**6**Drive Current

**500M** - 500mA  
**700M** - 700mA  
**1200M** - 1200mA

**7**Finish

**BLK** - Satin Black  
**CLB** - Classic Bronze  
**GBZ** - Gloss Textured Bronze  
**GRN** - Green  
**GTB** - Gloss Textured Black  
**TBK** - Textured Black  
**TGR** - Gloss Textured Green  
**CSTM** - Custom

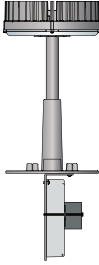


**8**Accessories

**CFIN** - Cast aluminum Finial  
**PCL** - Dusk-to-dawn button type Photocell

# DUAR20 SERIES LED UTILITY LUMINAIRE

DUAR20  
LED UTILITY

## Engine Only Performance (bold indicates ordering code)

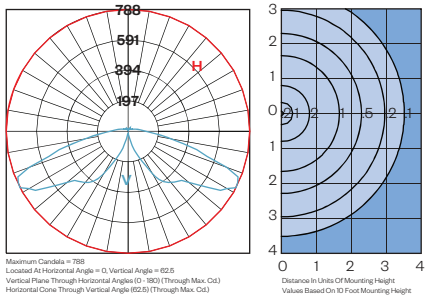
| LED System  | Driver Output     | System Watts | Light Distribution   | CCT                | Engine Only Lumens | Engine Only LPW | DLC Globe Lumens | DLC Globes LPW |
|---|-------------------|--------------|----------------------|--------------------|--------------------|-----------------|------------------|----------------|
| <br><br> <br>AVI2 | 500M<br>(500mA)   | 27W          | SY<br>(Symmetric)    | <b>27</b> (2,700K) | 3,030 lm           | 112             | 2,270 lm         | 84             |
|   |                   |              |                      | <b>30</b> (3,000K) | 3,120 lm           | 116             | 2,880 lm         | 107            |
|   |                   |              |                      | <b>40</b> (4,000K) | 3,420 lm           | 126             | 3,150 lm         | 117            |
|   |                   |              | AS<br>(Asymmetric)   | <b>27</b> (2,700K) | 2,910 lm           | 108             | 2,200 lm         | 81             |
|   |                   |              |                      | <b>30</b> (3,000K) | 3,000 lm           | 111             | 2,770 lm         | 103            |
|   |                   |              |                      | <b>40</b> (4,000K) | 3,140 lm           | 116             | 2,900 lm         | 107            |
|   |                   |              | SO<br>(Street Optic) | <b>27</b> (2,700K) | 2,980 lm           | 110             | 2,440 lm         | 82             |
|   |                   |              |                      | <b>30</b> (3,000K) | 3,060 lm           | 113             | 2,830 lm         | 105            |
|   |                   |              |                      | <b>40</b> (4,000K) | 3,220 lm           | 119             | 2,980 lm         | 110            |
|   | 700M<br>(700mA)   | 38W          | SY                   | <b>27</b> (2,700K) | 4,120 lm           | 109             | 3,100 lm         | 81             |
|   |                   |              |                      | <b>30</b> (3,000K) | 4,240 lm           | 112             | 3,870 lm         | 103            |
|   |                   |              |                      | <b>40</b> (4,000K) | 4,640 lm           | 123             | 4,240 lm         | 112            |
|   |                   |              | AS                   | <b>27</b> (2,700K) | 3,790 lm           | 100             | 2,990 lm         | 60             |
|   |                   |              |                      | <b>30</b> (3,000K) | 3,900 lm           | 103             | 3,610 lm         | 96             |
|   |                   |              |                      | <b>40</b> (4,000K) | 4,090 lm           | 108             | 3,780 lm         | 100            |
|   |                   |              | SO                   | <b>27</b> (2,700K) | 4,010 lm           | 106             | 3,290 lm         | 86             |
|   |                   |              |                      | <b>30</b> (3,000K) | 4,130 lm           | 109             | 3,820 lm         | 101            |
|   |                   |              |                      | <b>40</b> (4,000K) | 4,330 lm           | 115             | 4,010 lm         | 106            |
|   | 1200M<br>(1200mA) | 68W          | SY                   | <b>27</b> (2,700K) | 6,110 lm           | 90              | *                | *              |
|   |                   |              |                      | <b>30</b> (3,000K) | 7,260 lm           | 107             | 6,720 lm         | 99             |
|   |                   |              |                      | <b>40</b> (4,000K) | 7,530 lm           | 111             | 6,970 lm         | 103            |
|   |                   |              | AS                   | <b>27</b> (2,700K) | 5,690 lm           | 84              | *                | *              |
|   |                   |              |                      | <b>30</b> (3,000K) | 6,990 lm           | 103             | 6,470 lm         | 96             |
|   |                   |              |                      | <b>40</b> (4,000K) | 7,320 lm           | 108             | 6,770 lm         | 100            |
| SO  |                   |              | <b>27</b> (2,700K)   | 5,820 lm           | 86                 | *               | *                |                |
|   |                   |              | <b>30</b> (3,000K)   | 7,140 lm           | 106                | 6,610 lm        | 98               |                |
|   |                   |              | <b>40</b> (4,000K)   | 7,500 lm           | 111                | 6,940 lm        | 103              |                |

Approximate lumens delivered from raw light engine.

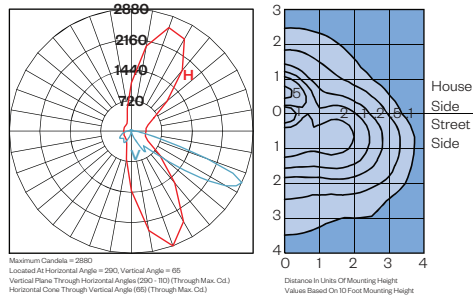
\*These models are not DLC listed.

## Photometry

AR20-PC-CL-AVI2-700M-SY-27



AR20-PC-CL-AVI2-700MA-SO-27



AR20-PC-CL-AVI2-700M-AS-27

