

# ledunited



## Real DIM to WARM AR70 LED 8W LAMP 2013 PART L

residential-commercial



The AR70 LED 8W is a 8W LED lamp designed to connect own dimmable driver. The AR70 LED 8 W is fully dimmable with all **leading edge** dimmers (we recommend against trailing edge) and also complies with the 2013 Part L Regulations.

### Key Features

- Complies with 2013 Part L regulations
  - L1A New dwellings
  - L1B Existing Dwellings
  - L2A New Buildings other than Dwellings
  - L2B Existing Buildings other than dwellings
- Fully dimmable with leading edge dimmers
- Equivalent to AR70 55W Halogen
- Lifetime of **25,000hrs**
- 8W Dimmable driver (Model : GY8WX1)

### Specification

|                |               |
|----------------|---------------|
| Length         | 47.5mm        |
| Diameter       | 70mm          |
| Wattage        | 8W            |
| Voltage        | 240V          |
| Colour Temp    | 2000K - 2900k |
| CRI            | 95            |
| Lumen          | 480lm         |
| Lumen per Watt | 60lm/W        |
| Beam Angles    | 35°           |
| Power Factor   | 0.62          |

### Test Report for AR70 LED 8W LAMP Dimmable

| Manufacturer  | Product Name                          | Product Code    | Wattage  | Min Load Required      | LED Bulb Quantity |
|---------------|---------------------------------------|-----------------|----------|------------------------|-------------------|
| ATON          | 2 Way 400W Push Dimmer Module         | IDIMP400        | 4-400W   | NO                     | 1---20            |
| ATON          | 2 Way 1000W Push Dimmer Module        | IDIMP1000       | 10-1000W | NO                     | 1---20            |
| DANLERS       | 2 Way 250W Push Dimmer Module         | DPD250W         | 40-250W  | NO                     | 2---10            |
| DANLERS       | 2 Way 400W Push Dimmer Module         | DPD400W         | 60-400W  | NO                     | 2---10            |
| FOCUS SB      | 2 Way 400W Push Dimmer Module         | SB-DSP400X      | 60-400W  | NO                     | 1---20            |
| LUTRON        | Rania 1 Gang 450W Master Dimmer       | RNSU-452B       | 50-450W  | NO                     | 2---20            |
| LUTRON        | Lyneo 1 Gang 500W Dimmer              | LLSI-502B       | 40-500W  | NO                     | 1---20            |
| LUTRON        | Grafik Eye QS 4 Circuit 500W Dimmer   | QSGRK-4PCE      | 40-500W  | NO                     | 1---20            |
| LUTRON        | Grafik Eye 4 Circuit 800W Dimmer      | GRX3104TCE      | 40-800W  | NO                     | 1---20            |
| MK            | 2 Way 450W Push Dimmer                | MK1535 WHITE    | 65-450W  | NO                     | 1---20            |
| RAKO          | Trailing Edge 500W Dimming Pack       | RDT500-C        | 1-500W   | NO                     | 1---20            |
| SUPERSWITCH   | 2 Way 250W Push Dimmer                | WHDSW1 250W     | 40-250W  | NO                     | 1---16            |
| WISE CONTROLS | Fusion 1 Gang 450W Dimmer             | WISE FUSIONREC1 | 25-450W  | NO - Must use LED Mode | 2---20            |
| WISE CONTROLS | Scene/Dimming Receiver 1 Circuit 500W | WISESCENE DIM   | 25-500W  | NO                     | 1---20            |
| WISE CONTROLS | Scene/Dimming Receiver 1 Circuit 250W | WISESCENE OCTO  | 25-250W  | NO - Must use LED Mode | 2---16            |
| WISE CONTROLS | Dimming Receiver 4 Channel 700W       | WISEDIMREC BOX  | 60-700W  | NO                     | 1---20            |
| ZANO          | 500W(T)400W(VA)66W(CFL)50W(LED)       | ZGRID500        | 40-500W  | NO                     | 1---20            |
| MK            | 230V 50Hz 40W/VA-200W/180VA           | K4501           | 40-220W  | NO                     | 1---20            |

The above list of dimmers have been tested with the AR70 LED 8W . Please speak to your supplier if you would like your dimmer added to our testing list.

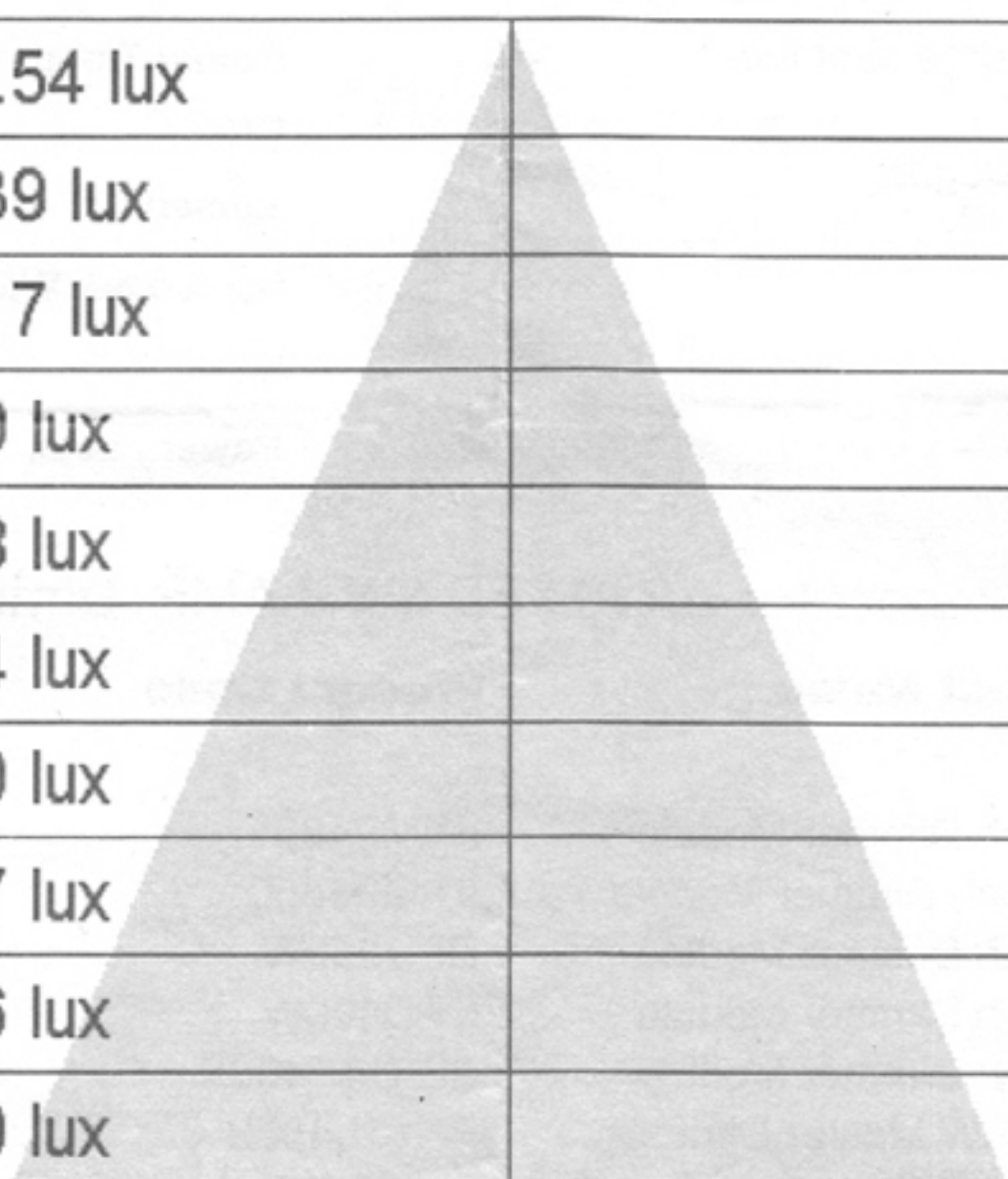
• FOR USE WITH LEADING EDGE DIMMERS ONLY.

# Available Lamps

| Product Code        | Angle | Temp      | Lumens | lm/W | Life     |
|---------------------|-------|-----------|--------|------|----------|
| AR70 LED 8W 35D W/W | 35°   | W/W 2900K | 480    | 60   | 25000hrs |

## Light Cone Data

AR70 LED 8W 2900k 35D  
Lux at a Distance



|     |             |       |
|-----|-------------|-------|
| 1m  | 1009.54 lux | 61cm  |
| 2m  | 252.39 lux  | 121cm |
| 3m  | 112.17 lux  | 182cm |
| 4m  | 63.10 lux   | 242cm |
| 5m  | 40.38 lux   | 303cm |
| 6m  | 28.04 lux   | 363cm |
| 7m  | 20.60 lux   | 424cm |
| 8m  | 15.77 lux   | 484cm |
| 9m  | 12.46 lux   | 545cm |
| 10m | 10.10 lux   | 606cm |

Beam Angle : 35°

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