

## M587MD61LED5V30-W

**ARTEMIS ViVo recessed round super comfort downlight, Medium light distribution, 15-cm Dia., 3000K, LED5, 3100 Lumens, 36W, White**



### About Product

ARTEMIS modern recessed round super comfort (Darklight) downlight luminaire is designed and manufactured by Megalite in various sizes for modern office and commercial lighting applications. Durability, UV free, excellent visual comfort, energy saving, glare control, environment friendliness, and higher than 80 color rendering index (CRI) are among the highlights of this luminaire.



### Technical Information

|                              |                                                   |
|------------------------------|---------------------------------------------------|
| Luminaire Name:              | ARTEMIS                                           |
| Catalog Code/product code:   | M587MD61LED5V30-W                                 |
| Mounting Type:               | Recessed-Gypsum false ceiling                     |
| Application:                 | Gallery and museum, Hospitality, Shopping centers |
| Light source type:           | LED                                               |
| Module/ Lamp quantity:       | 1                                                 |
| CCT (Color temperature):     | 3000K - Warm White                                |
| Light source:                | LED                                               |
| LED Module brand name:       | Philips                                           |
| Lumen maintenance:           | > 100.000 hours                                   |
| Lumen maintenance factor:    | L85                                               |
| CRI (Color rendering index): | > 90                                              |
| Power Consumption:           | 36                                                |
| Luminous Flux:               | 3100                                              |
| Efficacy (lm/W):             | 86                                                |
| IP (Ingress Protection):     | IP43 (Underside)                                  |
| Insulation Class:            | Class II                                          |
| Ballast/ Driver:             | Constant Current Driver (PF> 0.9)                 |
| Ballast/ Driver brand name:  | Vossloh Schwabe                                   |
| FLICKER:                     | Flicker Free                                      |

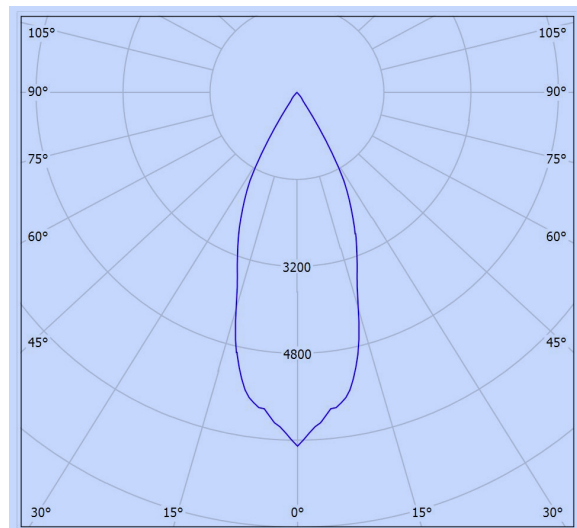
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|                                         |                                                       |
|-----------------------------------------|-------------------------------------------------------|
| Mains voltage:                          | 220~240 VAC±10%                                       |
| Wire / Cable Spec:                      | PVC solid wire                                        |
| Wire cross section:                     | 0.5                                                   |
| Terminal material:                      | Polycarbonate                                         |
| Body Material:                          | Die-Cast aluminum                                     |
| Body Coating:                           | Powder coated                                         |
| Body Color:                             | White                                                 |
| RAL:                                    | RAL9003                                               |
| Body Characteristic:                    | Specially designed cooling feature                    |
| Reflector Material:                     | Polycarbonate                                         |
| Reflector Coating:                      | Vacuum coat                                           |
| Diffuser/Glass Material:                | Acrylic sheet                                         |
| Diffuser/Glass Shape:                   | Clear                                                 |
| Diffuser/Glass Characteristic:          | Uniform light distribution                            |
| Light Distribution:                     | 42 degrees                                            |
| Clamp Material:                         | Stainless steel                                       |
| Clamp Characteristic:                   | Easy and safe tool free installation of the luminaire |
| Packaging type:                         | Nylon cover and carton                                |
| Weight(Kg):                             | 0.65                                                  |
| Dimensions(mm):                         | Ø168x130                                              |
| Luminaire mechanical impact resistance: | -                                                     |
| Order Option (Routine option):          | 6500K color temperature, Dimmable DALI PUSH driver    |

## M587MD61LED5V30-W

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### Photometric Graph



| Glare Evaluation According to UGR                                |     |                                                   |      |      |      |      |                                            |      |      |      |      |    |
|------------------------------------------------------------------|-----|---------------------------------------------------|------|------|------|------|--------------------------------------------|------|------|------|------|----|
| p Ceiling                                                        |     | 70                                                | 70   | 50   | 50   | 30   | 70                                         | 70   | 50   | 50   | 30   | 30 |
| p Walls                                                          |     | 50                                                | 30   | 50   | 30   | 30   | 50                                         | 30   | 50   | 30   | 30   | 30 |
| p Floor                                                          |     | 20                                                | 20   | 20   | 20   | 20   | 20                                         | 20   | 20   | 20   | 20   | 20 |
| Room Size<br>X Y                                                 |     | Viewing direction at right angles<br>to lamp axis |      |      |      |      | Viewing direction parallel<br>to lamp axis |      |      |      |      |    |
| 2H                                                               | 2H  | 11.4                                              | 12.1 | 11.7 | 12.3 | 12.5 | 11.4                                       | 12.1 | 11.7 | 12.3 | 12.5 |    |
|                                                                  | 3H  | 11.3                                              | 11.9 | 11.6 | 12.1 | 12.3 | 11.3                                       | 11.9 | 11.6 | 12.1 | 12.3 |    |
|                                                                  | 4H  | 11.2                                              | 11.8 | 11.5 | 12.0 | 12.3 | 11.2                                       | 11.8 | 11.5 | 12.0 | 12.3 |    |
|                                                                  | 6H  | 11.2                                              | 11.7 | 11.5 | 11.9 | 12.2 | 11.2                                       | 11.7 | 11.5 | 11.9 | 12.2 |    |
|                                                                  | 8H  | 11.1                                              | 11.6 | 11.4 | 11.9 | 12.2 | 11.1                                       | 11.6 | 11.4 | 11.9 | 12.2 |    |
|                                                                  | 12H | 11.1                                              | 11.5 | 11.4 | 11.8 | 12.1 | 11.1                                       | 11.5 | 11.4 | 11.8 | 12.1 |    |
| 4H                                                               | 2H  | 11.2                                              | 11.8 | 11.5 | 12.0 | 12.3 | 11.2                                       | 11.8 | 11.5 | 12.0 | 12.3 |    |
|                                                                  | 3H  | 11.1                                              | 11.5 | 11.4 | 11.8 | 12.1 | 11.1                                       | 11.5 | 11.4 | 11.8 | 12.1 |    |
|                                                                  | 4H  | 11.0                                              | 11.4 | 11.4 | 11.7 | 12.1 | 11.0                                       | 11.4 | 11.4 | 11.7 | 12.1 |    |
|                                                                  | 6H  | 10.9                                              | 11.3 | 11.3 | 11.6 | 12.0 | 10.9                                       | 11.3 | 11.3 | 11.6 | 12.0 |    |
|                                                                  | 8H  | 10.9                                              | 11.2 | 11.3 | 11.6 | 12.0 | 10.9                                       | 11.2 | 11.3 | 11.6 | 12.0 |    |
|                                                                  | 12H | 10.9                                              | 11.1 | 11.3 | 11.5 | 11.9 | 10.9                                       | 11.1 | 11.3 | 11.5 | 11.9 |    |
| 8H                                                               | 4H  | 10.9                                              | 11.2 | 11.3 | 11.6 | 12.0 | 10.9                                       | 11.2 | 11.3 | 11.6 | 12.0 |    |
|                                                                  | 6H  | 10.8                                              | 11.0 | 11.3 | 11.4 | 11.9 | 10.8                                       | 11.0 | 11.3 | 11.4 | 11.9 |    |
|                                                                  | 8H  | 10.8                                              | 10.9 | 11.2 | 11.4 | 11.8 | 10.8                                       | 10.9 | 11.2 | 11.4 | 11.8 |    |
|                                                                  | 12H | 10.7                                              | 10.8 | 11.2 | 11.3 | 11.8 | 10.7                                       | 10.8 | 11.2 | 11.3 | 11.8 |    |
|                                                                  | 4H  | 10.9                                              | 11.1 | 11.3 | 11.5 | 11.9 | 10.9                                       | 11.1 | 11.3 | 11.5 | 11.9 |    |
|                                                                  | 6H  | 10.8                                              | 10.9 | 11.2 | 11.4 | 11.8 | 10.8                                       | 10.9 | 11.2 | 11.4 | 11.8 |    |
| 12H                                                              | 8H  | 10.7                                              | 10.8 | 11.2 | 11.3 | 11.8 | 10.7                                       | 10.8 | 11.2 | 11.3 | 11.8 |    |
|                                                                  | 12H | 10.7                                              | 10.8 | 11.2 | 11.3 | 11.8 | 10.7                                       | 10.8 | 11.2 | 11.3 | 11.8 |    |
| Variation of the observer position for the luminaire distances S |     |                                                   |      |      |      |      |                                            |      |      |      |      |    |
| S = 1.0H                                                         |     | +6.8 / -21.9                                      |      |      |      |      | +6.8 / -21.9                               |      |      |      |      |    |
| S = 1.5H                                                         |     | +9.6 / -90.0                                      |      |      |      |      | +9.6 / -90.0                               |      |      |      |      |    |
| S = 2.0H                                                         |     | +11.6 / -88.0                                     |      |      |      |      | +11.6 / -88.0                              |      |      |      |      |    |
| Standard table                                                   |     | BK00                                              |      |      |      |      | BK00                                       |      |      |      |      |    |
| Correction                                                       |     | -7.3                                              |      |      |      |      | -7.3                                       |      |      |      |      |    |
| Summand                                                          |     |                                                   |      |      |      |      |                                            |      |      |      |      |    |

### Dimensional Drawing

