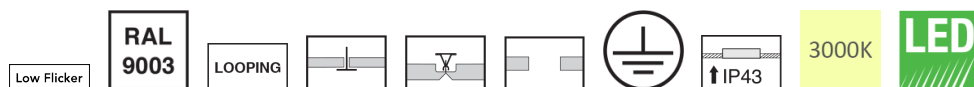


M386ED4LED3830-W

Comfort ARIANA (DOB) recessed round downlight, Satin white diffuser, 10-cm Dia., 3000K, LED3, 600 Lumens, 9W, White



About Product

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



Technical Information

| | |
|------------------------------|---|
| Catalog Code/product code: | M386ED4LED3830-W |
| Mounting Type: | Recessed-Concealed false ceiling, Recessed-Gypsum false ceiling, Recessed-Exposed false ceiling |
| Application: | Office, Shopping centers, Hypermarket, Hospitality, Gallery and museum |
| Light source type: | DOB LED (PF> 0.5) |
| Module/ Lamp quantity: | 1 |
| CCT (Color temperature): | 3000K - Warm White |
| Light source: | LED |
| Lumen maintenance: | > 50.000 hours |
| Lumen maintenance factor: | L70 |
| CRI (Color rendering index): | > 80 |
| Power Consumption: | 9 |
| Luminous Flux: | 600 |
| Efficacy (lm/W): | 67 |
| IP (Ingress Protection): | IP43 (Underside) |
| Insulation Class: | Class I |
| FLICKER: | Low Flicker |
| Mains voltage: | 200~250 VAC |
| Voltage Frequency: | 50 Hz |
| Wire / Cable Spec: | PVC solid wire |
| Wire cross section: | 0.5 |

M386ED4LED3830-W

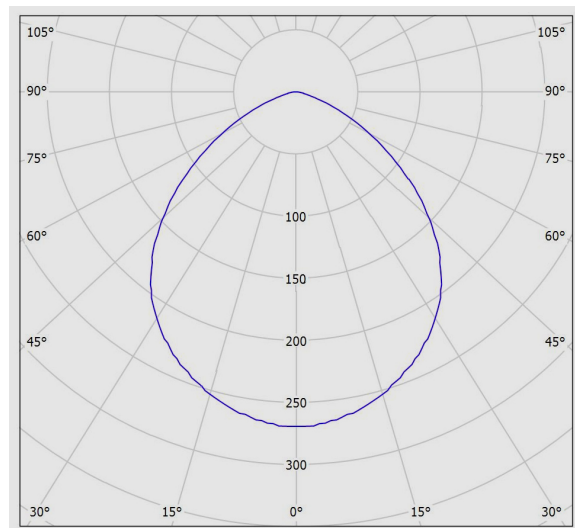
Comfort ARIANA (DOB) recessed round downlight, Satin white diffuser, 10-cm Dia., 3000K, LED3, 600 Lumens, 9W, White

| | |
|--------------------------------|--|
| Terminal material: | Polycarbonate |
| Terminal Spec: | Cable looping is possible, 3-Pole (Size: 2.5), Tool free wire connection |
| Cable Looping: | Yes |
| Body Material: | Die-Cast aluminum |
| Body Coating: | Powder coated |
| Body Color: | White |
| RAL: | RAL9003 |
| Body Characteristic: | Specially designed cooling feature |
| Diffuser/Glass Material: | Polycarbonate |
| Diffuser/Glass Shape: | Satin white |
| Diffuser/Glass Characteristic: | Glare control. Optimum efficacy and high light source hiding for glare control |
| Light Distribution: | Uniform light distribution |
| Clamp Material: | Stainless steel |
| Clamp Characteristic: | Easy and safe tool free installation of the luminaire. Installing the luminaire with adjustment possibility to fit different false ceiling thicknesses |
| Packaging type: | Nylon cover and carton |
| Weight(Kg): | 0.21 |
| Dimensions(mm): | Ø115x61 |

M386ED4LED3830-W

Comfort ARIANA (DOB) recessed round downlight, Satin white diffuser, 10-cm Dia., 3000K, LED3, 600 Lumens, 9W, White

Photometric Graph



| Glare Evaluation According to UGR | | | | | | | | | | | | |
|--|-----|---|------|------|------|------|--|-------------|------|------|------|--|
| p Ceiling | | 70 | 70 | 50 | 50 | 30 | 70 | 70 | 50 | 50 | 30 | |
| p Walls | | 50 | 30 | 50 | 30 | 30 | 50 | 30 | 50 | 30 | 30 | |
| p Floor | | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | |
| Room Size X Y | | Viewing direction at right angles to lamp axis | | | | | Viewing direction parallel to lamp axis | | | | | |
| 2H | 2H | 20.9 | 22.1 | 21.2 | 22.3 | 22.5 | 20.9 | 22.1 | 21.2 | 22.3 | 22.5 | |
| | 3H | 21.2 | 22.3 | 21.6 | 22.5 | 22.8 | 21.2 | 22.3 | 21.6 | 22.5 | 22.8 | |
| | 4H | 21.2 | 22.2 | 21.6 | 22.5 | 22.8 | 21.2 | 22.2 | 21.6 | 22.5 | 22.8 | |
| | 6H | 21.2 | 22.1 | 21.6 | 22.4 | 22.7 | 21.2 | 22.1 | 21.6 | 22.4 | 22.7 | |
| | 8H | 21.2 | 22.0 | 21.5 | 22.3 | 22.7 | 21.2 | 22.0 | 21.5 | 22.3 | 22.7 | |
| | 12H | 21.1 | 22.0 | 21.5 | 22.3 | 22.6 | 21.1 | 22.0 | 21.5 | 22.3 | 22.6 | |
| 4H | 2H | 21.2 | 22.1 | 21.5 | 22.4 | 22.7 | 21.2 | 22.1 | 21.5 | 22.4 | 22.7 | |
| | 3H | 21.6 | 22.4 | 21.9 | 22.7 | 23.0 | 21.6 | 22.4 | 21.9 | 22.7 | 23.0 | |
| | 4H | 21.6 | 22.3 | 22.0 | 22.7 | 23.0 | 21.6 | 22.3 | 22.0 | 22.7 | 23.0 | |
| | 6H | 21.6 | 22.2 | 22.0 | 22.6 | 23.0 | 21.6 | 22.2 | 22.0 | 22.6 | 23.0 | |
| | 8H | 21.5 | 22.1 | 22.0 | 22.5 | 22.9 | 21.5 | 22.1 | 22.0 | 22.5 | 22.9 | |
| | 12H | 21.5 | 22.0 | 22.0 | 22.4 | 22.9 | 21.5 | 22.0 | 22.0 | 22.4 | 22.9 | |
| 8H | 4H | 21.5 | 22.1 | 22.0 | 22.5 | 22.9 | 21.5 | 22.1 | 22.0 | 22.5 | 22.9 | |
| | 6H | 21.5 | 22.0 | 22.0 | 22.4 | 22.9 | 21.5 | 22.0 | 22.0 | 22.4 | 22.9 | |
| | 8H | 21.5 | 21.9 | 22.0 | 22.4 | 22.8 | 21.5 | 21.9 | 22.0 | 22.4 | 22.8 | |
| | 12H | 21.5 | 21.8 | 22.0 | 22.3 | 22.8 | 21.5 | 21.8 | 22.0 | 22.3 | 22.8 | |
| | 4H | 21.5 | 22.0 | 22.0 | 22.4 | 22.9 | 21.5 | 22.0 | 22.0 | 22.4 | 22.9 | |
| | 6H | 21.5 | 21.9 | 22.0 | 22.4 | 22.8 | 21.5 | 21.9 | 22.0 | 22.4 | 22.8 | |
| 12H | 4H | 21.5 | 22.0 | 22.0 | 22.4 | 22.9 | 21.5 | 22.0 | 22.0 | 22.4 | 22.9 | |
| | 6H | 21.5 | 21.9 | 22.0 | 22.4 | 22.8 | 21.5 | 21.9 | 22.0 | 22.4 | 22.8 | |
| | 8H | 21.5 | 21.8 | 22.0 | 22.3 | 22.8 | 21.5 | 21.8 | 22.0 | 22.3 | 22.8 | |
| Variation of the observer position for the luminaire distances S | | | | | | | | | | | | |
| S = 1.0H | | +0.4 / -0.7 | | | | | | +0.4 / -0.7 | | | | |
| S = 1.5H | | +0.9 / -2.0 | | | | | | +0.9 / -2.0 | | | | |
| S = 2.0H | | +2.1 / -3.7 | | | | | | +2.1 / -3.7 | | | | |
| Standard table | | BK01 | | | | | | BK01 | | | | |
| Correction Summand | | 3.5 | | | | | | 3.5 | | | | |
| Corrected Glare Indices referring to 600lm Total Luminous Flux | | | | | | | | | | | | |

Dimensional Drawing

