

M458EL60LED1840-BL

LUMINA (DOB) surface mount/suspended linear luminaire, Length: 60cm, 4000K, LED1, 950 Lumens, 12W, Black

















About Product

LUMINA linear luminaire is designed and manufactured by Mazinoor suitable for office and hospitality applications. Uniform light distribution, energy saving, and glare control are among the highlights of this luminaire.



Technical Information

| Cataloge Code/product code: | M458EL60LED1840-BL |
|------------------------------|--|
| Mounting Type: | Wall Mounted; Surface Mounted, Suspended, Surface Mounted |
| Application: | Office, Shopping centers, Hypermarket, Hospitality, Gallery and museum |
| Light source type: | DOB LED (PF> 0.9) |
| Module/ Lamp quantity: | 1 |
| CCT (Color temperature): | 4000K - Neutral White |
| Light source: | LED |
| Lumen maintenance: | > 60000 hours |
| Lumen maintenance factor: | L70 |
| CRI (Color rendering index): | > 80 |
| Power Consumption: | 12 |
| Luminous Flux: | 950 |
| Efficacy (lm/W): | 79 |
| IP (Ingress Protection): | IP44 |
| Insulation Class: | Class I |
| FLICKER: | Low Flicker |
| Mains voltage: | 200~250 VAC |
| Voltage Frequency: | 50/60 Hz |
| Wire / Cable Spec: | PVC solid wire |
| Wire cross section: | 0.5 |



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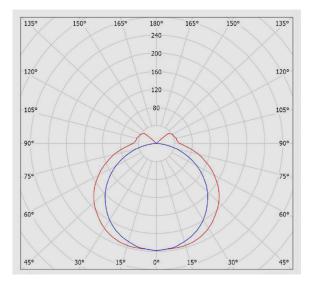
| Terminal material: | Polycarbonate |
|--------------------------------|--|
| Terminal Spec: | Cable looping is possible, 3-Pole (Size: 2.5), Tool free wire connection |
| Cable Looping: | Yes |
| Body Material: | Extruded aluminum profile |
| Body Coating: | Powder coated |
| Body Color: | Black |
| RAL: | RAL9005 |
| End Caps Material: | Polycarbonate |
| Diffuser/Glass Material: | Satin white PMMA (Acrylic) extruded profile diffuser |
| Diffuser/Glass Shape: | Satin white |
| Diffuser/Glass Characteristic: | UV stabilized، Uniform light distribution، High efficiency، Resistant to scratches |
| Light Distribution: | Uniform light distribution |
| Packaging type: | Nylon cover and carton |
| Weight(Kg): | 1.1 |
| Dimensions(mm): | 600x70x70 |



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Photometric Graph



| Ceiling | | 70 | 70 | 50 | 50 | 30 | 70 | 70 | 50 | 50 | 30 |
|------------------|-------------|--|-------------|--------------|---------|---|------|------|------|------|------|
| Walls | | 50 | 30 | 50 | 30 | 30 | 50 | 30 | 50 | 30 | 30 |
| o 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 | 11.3 | 12.5 | 11.7 | 13.0 | 13.5 | 9.9 | 11.1 | 10.3 | 11.6 | 12.1 |
| | 3H | 13.5 | 14.6 | 14.0 | 15.1 | 15.6 | 11.4 | 12.5 | 11.9 | 13.0 | 13.5 |
| | 4H | 14.6 | 15.6 | 15.1 | 16.1 | 16.7 | 12.0 | 13.1 | 12.5 | 13.6 | 14.1 |
| | 6H | 15.6 | 16.6 | 16.2 | 17.2 | 17.7 | 12.4 | 13.4 | 12.9 | 13.9 | 14.5 |
| | 8H | 16.2 | 17.2 | 16.7 | 17.7 | 18.3 | 12.5 | 13.5 | 13.0 | 14.0 | 14.6 |
| | 12H | 16.8 | 17.7 | 17.3 | 18.2 | 18.8 | 12.5 | 13.5 | 13.1 | 14.0 | 14.6 |
| 4H | 2H | 11.9 | 13.0 | 12.4 | 13.5 | 14.0 | 10.9 | 11.9 | 11.4 | 12.4 | 13.0 |
| | 3H | 14.3 | 15.2 | 14.9 | 15.8 | 16.4 | 12.6 | 13.6 | 13.2 | 14.1 | 14.7 |
| | 4H | 15.6 | 16.4 | 16.2 | 17.0 | 17.6 | 13.4 | 14.2 | 14.0 | 14.8 | 15.4 |
| | 6H | 16.9 | 17.6 | 17.5 | 18.2 | 18.8 | 13.9 | 14.6 | 14.5 | 15.2 | 15.9 |
| | 8H | 17.5 | 18.2 | 18.1 | 18.8 | 19.4 | 14.1 | 14.8 | 14.7 | 15.4 | 16.0 |
| | 12H | 18.2 | 18.8 | 18.8 | 19.4 | 20.1 | 14.2 | 14.8 | 14.8 | 15.4 | 16.1 |
| 8H | 4H | 15.9 | 16.6 | 16.5 | 17.2 | 17.8 | 14.1 | 14.7 | 14.7 | 15.3 | 16.0 |
| | 6H | 17.4 | 18.0 | 18.0 | 18.6 | 19.3 | 14.9 | 15.4 | 15.5 | 16.0 | 16.8 |
| | 8H | 18.2 | 18.7 | 18.9 | 19.4 | 20.1 | 15.2 | 15.7 | 15.8 | 16.3 | 17.0 |
| | 12H | 19.1 | 19.5 | 19.8 | 20.2 | 21.0 | 15.4 | 15.8 | 16.0 | 16.5 | 17.2 |
| 12H | 4H | 15.9 | 16.5 | 16.5 | 17.1 | 17.8 | 14.2 | 14.8 | 14.8 | 15.4 | 16.1 |
| | 6H | 17.5 | 18.0 | 18.1 | 18.6 | 19.4 | 15.1 | 15.6 | 15.8 | 16.3 | 17.0 |
| | 8H | 18.4 | 18.8 | 19.1 | 19.5 | 20.2 | 15.6 | 16.0 | 16.2 | 16.7 | 17.4 |
| ariation of t | he observer | position I | for the lum | inaire disti | ences S | | | | | | |
| S = 1.0H | | +0.1 / -0.1 | | | | +0.1 / -0.1 | | | | | |
| S = 1.5H | | +0.2 / -0.2 | | | | +0.2 / -0.3 | | | | | |
| S = 2.0H | | +0.3 / -0.4 | | | | +0.4 / -0.6 | | | | | |
| Standard table | | BK10 | | | | BK14 | | | | | |
| Correction | | 2.6 | | | | 1.1 | | | | | |
| | tion | BK10 2.6 | | | | BK14 -1.1 | | | | | |

Dimensional Drawing

