

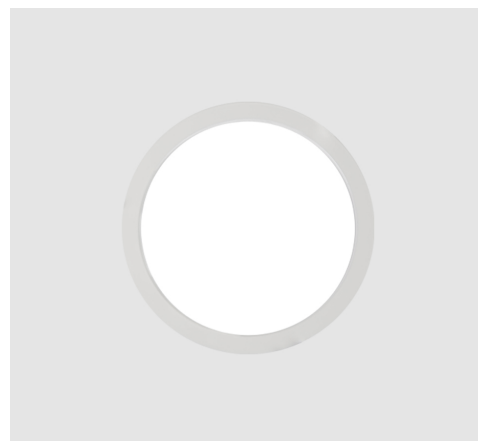
M586ED8LED4840-W

ARIANA (DOB) recessed round downlight, Satin white diffuser, 20-cm Dia., 4000K, LED4, 3000 Lumens, 35W, White



About Product

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



Technical Information

Catalogue Code/product code: M586ED8LED4840-W

Mounting Type:	Recessed-Exposed false ceiling, Recessed-Gypsum false ceiling
Application:	Hospitality, Gallery and museum, Office, Shopping centers
Light source type:	DOB LED (PF> 0.5)
Module/ Lamp quantity:	1
CCT (Color temperature):	4000K - Neutral White
Light source:	LED
Lumen maintenance:	> 50.000 hours
Lumen maintenance factor:	L70
CRI (Color rendering index):	> 80
Power Consumption:	35
Luminous Flux:	3000
Efficacy (lm/W):	86
IP (Ingress Protection):	IP43 (Underside)
Insulation Class:	Class I
FLICKER:	Flicker Free
Mains voltage:	200~250 VAC
Voltage Frequency:	50 Hz
Wire cross section:	0.5
Terminal material:	Polycarbonate

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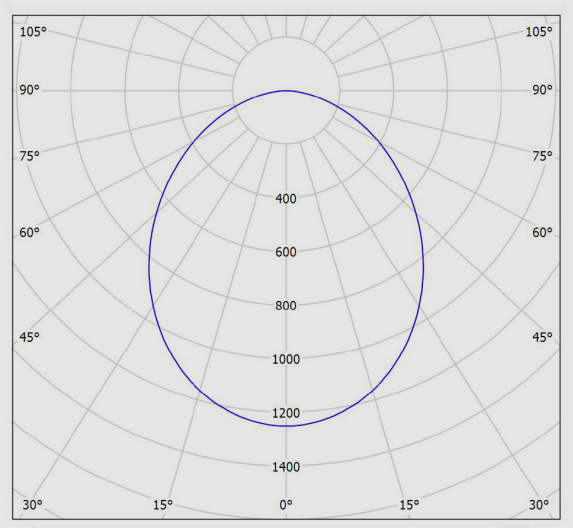
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Terminal Spec:	Tool free wire connection, Cable looping is possible, 3-Pole (Size: 2.5)
Cable Looping:	Yes
Body Material:	Die-Cast aluminum
Body Coating:	Powder coated
Body Color:	White
RAL:	RAL9003
Diffuser/Glass Material:	Polycarbonate
Diffuser/Glass 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 clips
Clamp Characteristic:	Installing the luminaire with adjustment possibility to fit different false ceiling thicknesses
Packaging type:	Nylon cover and carton
Weight(Kg):	0.52
Dimensions(mm):	Ø220x40

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Photometric Graph



Glare Evaluation According to UGR											
ρ Ceiling		70	70	50	50	30	70	70	50	50	30
ρ Walls		50	30	50	30	30	50	30	50	30	30
ρ 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	22.1	23.3	22.4	23.6	23.8	22.1	23.3	22.4	23.6	23.8
	3H	22.9	24.1	23.3	24.3	24.6	22.9	24.1	23.3	24.3	24.6
	4H	23.2	24.3	23.5	24.5	24.8	23.2	24.3	23.5	24.5	24.8
	6H	23.3	24.3	23.7	24.6	24.9	23.3	24.3	23.7	24.6	24.9
	8H	23.3	24.3	23.7	24.6	24.9	23.3	24.3	23.7	24.6	24.9
4H	12H	23.3	24.2	23.7	24.5	24.9	23.3	24.2	23.7	24.5	24.9
	2H	22.5	23.6	22.8	23.9	24.1	22.5	23.6	22.8	23.9	24.1
	3H	23.5	24.4	23.9	24.8	25.1	23.5	24.4	23.9	24.8	25.1
	4H	23.9	24.7	24.3	25.0	25.4	23.9	24.7	24.3	25.0	25.4
	6H	24.1	24.8	24.5	25.1	25.5	24.1	24.8	24.5	25.1	25.5
8H	8H	24.1	24.7	24.5	25.1	25.5	24.1	24.7	24.5	25.1	25.5
	12H	24.1	24.7	24.5	25.1	25.5	24.1	24.7	24.5	25.1	25.5
	4H	24.0	24.6	24.4	25.0	25.4	24.0	24.6	24.4	25.0	25.4
	6H	24.2	24.8	24.7	25.2	25.6	24.2	24.8	24.7	25.2	25.6
	8H	24.3	24.7	24.8	25.2	25.7	24.3	24.7	24.8	25.2	25.7
12H	12H	24.3	24.7	24.8	25.2	25.7	24.3	24.7	24.8	25.2	25.7
	4H	24.0	24.5	24.4	25.0	25.4	24.0	24.5	24.4	25.0	25.4
	6H	24.2	24.7	24.7	25.1	25.6	24.2	24.7	24.7	25.1	25.6
	8H	24.3	24.7	24.8	25.2	25.7	24.3	24.7	24.8	25.2	25.7
	12H	24.3	24.7	24.8	25.2	25.7	24.3	24.7	24.8	25.2	25.7
Variation of the observer position for the luminaires distances S											
S = 1.0H		+0.2 / -0.3					+0.2 / -0.3				
S = 1.5H		+0.5 / -0.9					+0.5 / -0.9				
S = 2.0H		+1.0 / -1.6					+1.0 / -1.6				
Standard table		BK03					BK03				
Correction Summand		6.5					6.5				
Corrected Glare Indices referring to 3000lm Total Luminous Flux											

Dimensional Drawing

