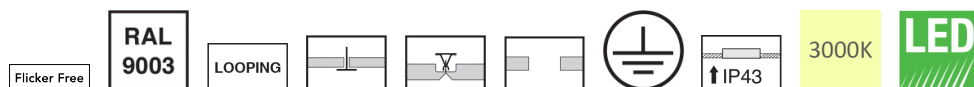


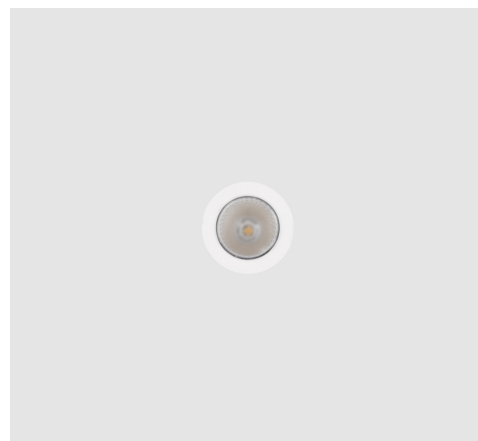
## M582ED2LED2830-W

**ARIANA (DOB) recessed round downlight with reflector, 6-cm Dia., 3000K, LED2, 500 Lumens, 6W, 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

Luminaire Name:	ARIANA
Catalog Code/product code:	M582ED2LED2830-W
Mounting Type:	Recessed-Exposed false ceiling, Recessed-Concealed 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):	3000K - Warm White
Light source:	LED
Lumen maintenance:	> 50.000 hours
Lumen maintenance factor:	L70
CRI (Color rendering index):	> 80
Power Consumption:	6
Luminous Flux:	500
Efficacy (lm/W):	83
IP (Ingress Protection):	IP43 (Underside)
Insulation Class:	Class I
FLICKER:	Flicker Free
Mains voltage:	200~250 VAC
Voltage Frequency:	50 Hz
Wire / Cable Spec:	PVC solid wire

## M582ED2LED2830-W

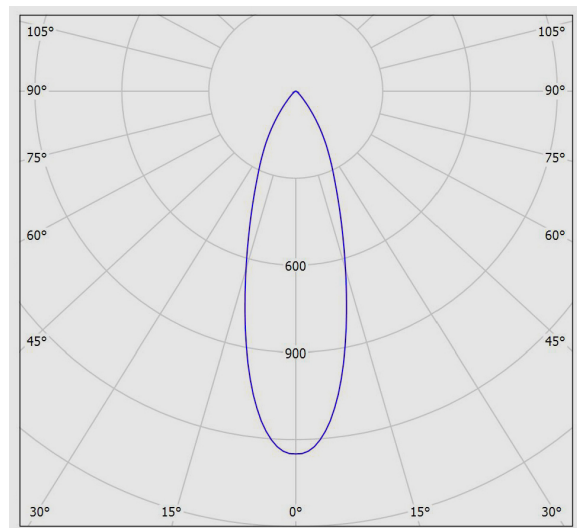
### ARIANA (DOB) recessed round downlight with reflector, 6-cm Dia., 3000K, LED2, 500 Lumens, 6W, White

Wire cross section:	0.5
Terminal material:	Polyamide
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
Reflector Material:	Polycarbonate
Reflector Coating:	Vacuum coat
Reflector Characteristic:	High reflectivity
Diffuser/Glass Material:	Polycarbonate
Diffuser/Glass Shape:	Frosted
Light Distribution:	32 degrees
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):	0.16
Dimensions(mm):	Ø78x55

## M582ED2LED2830-W

**ARIANA (DOB) recessed round downlight with reflector, 6-cm Dia., 3000K, LED2, 500 Lumens, 6W, 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	-5.1	-4.4	-4.9	-4.2	-4.0	-5.1	-4.4	-4.9	-4.2	-4.0
	3H	-4.2	-3.5	-3.9	-3.3	-3.1	-4.2	-3.5	-3.9	-3.3	-3.1
	4H	-3.8	-3.2	-3.5	-3.0	-2.7	-3.8	-3.2	-3.5	-3.0	-2.7
	6H	-3.7	-3.1	-3.3	-2.8	-2.5	-3.7	-3.1	-3.3	-2.8	-2.5
	8H	-3.6	-3.1	-3.3	-2.8	-2.5	-3.6	-3.1	-3.3	-2.8	-2.5
4H	12H	-3.7	-3.2	-3.3	-2.9	-2.6	-3.7	-3.2	-3.3	-2.9	-2.6
	2H	-4.8	-4.2	-4.5	-4.0	-3.7	-4.8	-4.2	-4.5	-4.0	-3.7
	3H	-3.6	-3.1	-3.3	-2.8	-2.5	-3.6	-3.1	-3.3	-2.8	-2.5
	4H	-3.2	-2.8	-2.8	-2.5	-2.1	-3.2	-2.8	-2.8	-2.5	-2.1
	6H	-3.0	-2.6	-2.6	-2.2	-1.9	-3.0	-2.6	-2.6	-2.2	-1.9
8H	8H	-2.9	-2.6	-2.5	-2.2	-1.8	-2.9	-2.6	-2.5	-2.2	-1.8
	12H	-3.0	-2.7	-2.5	-2.3	-1.9	-3.0	-2.7	-2.5	-2.3	-1.9
	4H	-3.1	-2.8	-2.7	-2.4	-2.0	-3.1	-2.8	-2.7	-2.4	-2.0
	6H	-2.8	-2.6	-2.3	-2.1	-1.7	-2.8	-2.6	-2.3	-2.1	-1.7
	8H	-2.7	-2.5	-2.3	-2.1	-1.6	-2.7	-2.5	-2.3	-2.1	-1.6
12H	12H	-2.8	-2.6	-2.3	-2.2	-1.7	-2.8	-2.6	-2.3	-2.2	-1.7
	4H	-3.1	-2.8	-2.7	-2.4	-2.0	-3.1	-2.8	-2.7	-2.4	-2.0
	6H	-2.8	-2.6	-2.3	-2.2	-1.7	-2.8	-2.6	-2.3	-2.2	-1.7
	8H	-2.8	-2.6	-2.3	-2.1	-1.6	-2.8	-2.6	-2.3	-2.1	-1.6
Variation of the observer position for the luminaire distances S											
S = 1.0H		+3.7 / -3.8					+3.7 / -3.8				
S = 1.5H		+6.2 / -4.8					+6.2 / -4.8				
S = 2.0H		+8.2 / -5.2					+8.2 / -5.2				
Standard table		BK01					BK01				
Correction Summand		-14.7					-14.7				
Corrected Glare Indices referring to 550lm Total Luminous Flux											

### Dimensional Drawing

