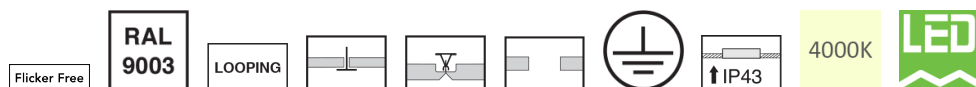


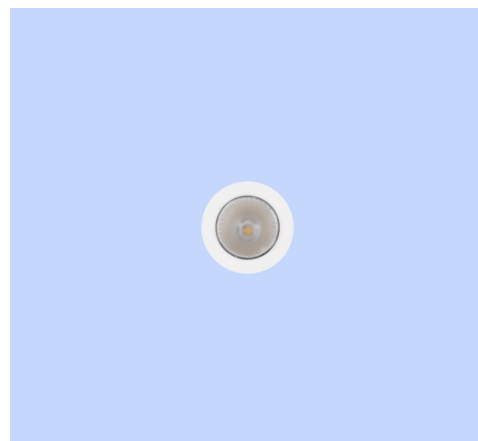
M582ED21LED2840-W

ARIANA (DOB) recessed round downlight with reflector, 6-cm Dia., 4000K, LED2, 550 Lumens, 6W, White



About Product

ARIANA recessed round downlight luminaire is designed and manufactured by Megalite 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:	M582ED21LED2840-W
Mounting Type:	Recessed-Gypsum false ceiling, Recessed-Concealed false ceiling, Recessed-Exposed false ceiling
Application:	Office, Hospitality, Shopping centers, Gallery and museum
Light source type:	DOB LED (PF> 0.5)
Module/ Lamp quantity:	1
CCT (Color temperature):	4000K - Neutral White
Light source:	LED
LED Module brand name:	Edison
Lumen maintenance:	> 50.000 hours
Lumen maintenance factor:	L70
CRI (Color rendering index):	> 80
Power Consumption:	6
Luminous Flux:	550
Efficacy (lm/W):	92
IP (Ingress Protection):	IP43 (Underside)
Insulation Class:	Class I
FLICKER:	Flicker Free
Mains voltage:	220~240 VAC
Voltage Frequency:	50 Hz

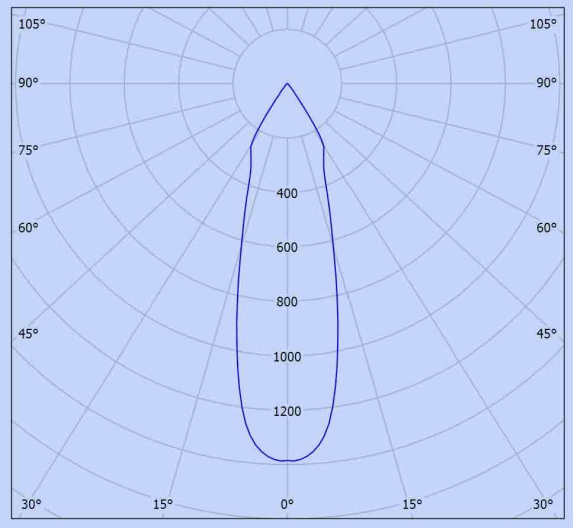
M582ED21LED2840-W
ARIANA (DOB) recessed round downlight with reflector, 6-cm Dia., 4000K, LED2, 550 Lumens, 6W, White

Wire / Cable Spec:	PVC solid wire
Wire cross section:	0.5
Terminal material:	Polyamide
Terminal Spec:	Cable looping is possible, Tool free wire connection, 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:	Clear
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):	Ø78x60

M582ED21LED2840-W

ARIANA (DOB) recessed round downlight with reflector, 6-cm Dia., 4000K, LED2, 550 Lumens, 6W, White

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 X Y		Viewing direction at right angles to lamp axis					Viewing direction parallel to lamp axis					
2H	2H	0.3	1.0	0.6	1.2	1.4	0.3	1.0	0.6	1.2	1.4	
	3H	0.3	0.9	0.6	1.1	1.4	0.3	0.9	0.6	1.1	1.4	
	4H	0.3	0.8	0.6	1.1	1.3	0.3	0.8	0.6	1.1	1.3	
	6H	0.2	0.8	0.6	1.0	1.3	0.2	0.8	0.6	1.0	1.3	
	8H	0.2	0.7	0.6	1.0	1.3	0.2	0.7	0.6	1.0	1.3	
	12H	0.2	0.7	0.6	1.0	1.3	0.2	0.7	0.6	1.0	1.3	
4H	2H	0.2	0.8	0.5	1.0	1.3	0.2	0.8	0.5	1.0	1.3	
	3H	0.2	0.7	0.5	1.0	1.3	0.2	0.7	0.5	1.0	1.3	
	4H	0.2	0.6	0.5	0.9	1.3	0.2	0.6	0.5	0.9	1.3	
	6H	0.2	0.5	0.6	0.9	1.3	0.2	0.5	0.6	0.9	1.3	
	8H	0.2	0.5	0.6	0.9	1.3	0.2	0.5	0.6	0.9	1.3	
	12H	0.2	0.4	0.6	0.8	1.3	0.2	0.4	0.6	0.8	1.3	
8H	4H	0.1	0.4	0.5	0.8	1.2	0.1	0.4	0.5	0.8	1.2	
	6H	0.1	0.3	0.6	0.8	1.2	0.1	0.3	0.6	0.8	1.2	
	8H	0.2	0.4	0.6	0.8	1.3	0.2	0.4	0.6	0.8	1.3	
	12H	0.1	0.3	0.6	0.8	1.3	0.1	0.3	0.6	0.8	1.3	
	4H	0.1	0.3	0.5	0.7	1.1	0.1	0.3	0.5	0.7	1.1	
	6H	0.1	0.3	0.6	0.7	1.2	0.1	0.3	0.6	0.7	1.2	
12H	8H	0.2	0.3	0.6	0.8	1.3	0.2	0.3	0.6	0.8	1.3	
	12H	0.2	0.3	0.6	0.8	1.3	0.2	0.3	0.6	0.8	1.3	
Variation of the observer position for the luminaire distances S												
S = 1.0H		+5.9 / -5.4					+5.9 / -5.4					
S = 1.5H		+8.7 / -5.9					+8.7 / -5.9					
S = 2.0H		+10.7 / -6.8					+10.7 / -6.8					
Standard table		BK00					BK00					
Correction Summand		-18.1					-18.1					
Corrected Glare Indices referring to 550lm Total Luminous Flux												

Dimensional Drawing

