

M488ED15H71LED2840-S

DIANA (DOB) surface mount downlight, Satin white diffuser, 15-cm Dia., height: 7cm, 4000K, LED2, 1000 Lumens, 14W, Silver



About Product

DIANA surface mount downlight luminaire is designed and manufactured by Megalite in various sizes for modern office and commercial lighting applications. Durability, UV free, high efficacy, ease of installation and maintenance, energy saving, environment friendliness, and higher than 80 color rendering index (CRI) are among the highlights of this luminaire.



Technical Information

Luminaire Name:	DIANA
Catalog Code/product code:	M488ED15H71LED2840-S
Mounting Type:	Wall Mounted; Surface Mounted, Surface Mounted
Application:	Office, Hospitality, Shopping centers, Gallery and museum
Light source type:	DOB LED (PF> 0.9)
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:	14
Luminous Flux:	1000
Efficacy (lm/W):	71
IP (Ingress Protection):	IP40
Insulation Class:	Class I
Mains voltage:	220~240 VAC
Voltage Frequency:	50/60 Hz
Wire / Cable Spec:	PVC solid wire

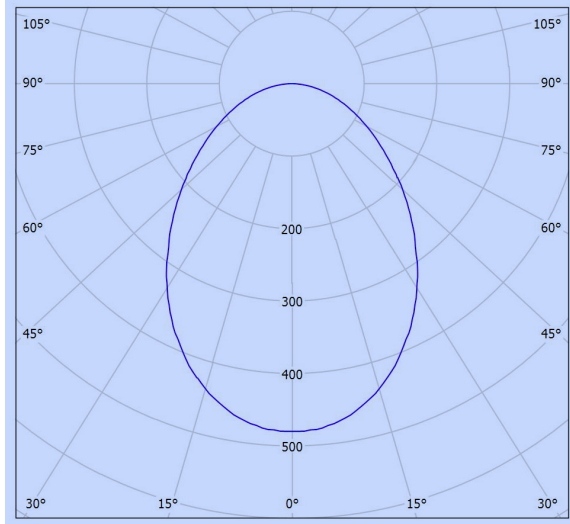
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Wire cross section:	0.5
Terminal material:	Polycarbonate
Terminal Spec:	Cable looping is possible. Tool free wire connection. 3-Pole (Size: 2.5)
Body Material:	Extruded aluminum profile
Body Coating:	Powder coated
Body Color:	Silver
RAL:	RAL9006
Reflector Material:	aluminum sheet
Reflector Coating:	White powder coated
Diffuser/Glass Material:	Polystyrene sheet
Diffuser/Glass Characteristic:	Optimum efficacy and high light source hiding for glare control, Glare control
Light Distribution:	Uniform light distribution
Weight(Kg):	0.7
Dimensions(mm):	Ø152x77
Luminaire mechanical impact resistance:	-

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Photometric Graph



Glare Evaluation According to UGR											
p Ceiling		70	70	50	30	30	70	70	50	30	
p Walls		50	30	50	30	30	50	30	50	30	
p Floor		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	18.9	20.1	19.2	20.3	20.5	18.9	20.1	19.2	20.3	20.5
	3H	19.8	20.9	20.1	21.1	21.4	19.8	20.9	20.1	21.1	21.4
	4H	20.1	21.1	20.4	21.4	21.7	20.1	21.1	20.4	21.4	21.7
	6H	20.3	21.2	20.6	21.5	21.8	20.3	21.2	20.6	21.5	21.8
	8H	20.3	21.2	20.7	21.5	21.9	20.3	21.2	20.7	21.5	21.9
4H	12H	20.3	21.2	20.7	21.5	21.8	20.3	21.2	20.7	21.5	21.8
	2H	19.3	20.3	19.6	20.6	20.9	19.3	20.3	19.6	20.6	20.9
	3H	20.4	21.2	20.7	21.6	21.9	20.4	21.2	20.7	21.6	21.9
	4H	20.8	21.6	21.2	21.9	22.3	20.8	21.6	21.2	21.9	22.3
	6H	21.1	21.7	21.5	22.1	22.5	21.1	21.7	21.5	22.1	22.5
8H	8H	21.1	21.8	21.6	22.2	22.6	21.1	21.8	21.6	22.2	22.6
	12H	21.2	21.7	21.6	22.1	22.6	21.2	21.7	21.6	22.1	22.6
	4H	20.9	21.6	21.4	22.0	22.4	20.9	21.6	21.4	22.0	22.4
	6H	21.3	21.8	21.8	22.2	22.7	21.3	21.8	21.8	22.2	22.7
	8H	21.4	21.9	21.9	22.3	22.8	21.4	21.9	21.9	22.3	22.8
12H	12H	21.5	21.8	22.0	22.3	22.8	21.5	21.8	22.0	22.3	22.8
	4H	20.9	21.5	21.4	21.9	22.3	20.9	21.5	21.4	21.9	22.3
	6H	21.3	21.8	21.8	22.2	22.7	21.3	21.8	21.8	22.2	22.7
	8H	21.4	21.8	21.9	22.3	22.8	21.4	21.8	21.9	22.3	22.8
	Variation of the observer position for the luminaire distances S										
S = 1.0H		+0.2 / -0.3					+0.2 / -0.3				
S = 1.5H		+0.4 / -0.8					+0.4 / -0.8				
S = 2.0H		+0.9 / -1.4					+0.9 / -1.4				
Standard table		BK04					BK04				
Correction Summand		4.0					4.0				
Corrected Glare Indices referring to 1000lm Total Luminous Flux											

Dimensional Drawing

