

M415EMLED2830-BL

ATRIA spot facade light, Medium Light Distribution, 3000K, 7.5 Dia., LED2, 600 Lumens, 6W, Black



About Product

ATRIA spot facade light is Mazinoor state of the art design suitable for architectural and outdoor facade lighting applications such as building facades. Aesthetically beautiful design, sturdy structure, specially designed lenses with medium or narrow light distribution, and high ingress protection (IP66) are among the highlights of this luminaire.



Technical Information

Catalogue Code/product code:	M415EMLED2830-BL
Mounting Type:	Ground mounting, Surface Mounted, Wall Mounted; Surface Mounted
Application:	Green area, Facade and architectural lighting
Light source type:	LED
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:	600
Efficacy (lm/W):	100
IP (Ingress Protection):	IP66
Insulation Class:	Class I
Max. Ambient Temperature:	+50°C
Min. Ambient Temperature:	-20°C
Ballast/ Driver:	Constant Current Driver (PF> 0.9)
FLICKER:	Flicker Free
Ballast/ driver Spec:	Non-dimmable

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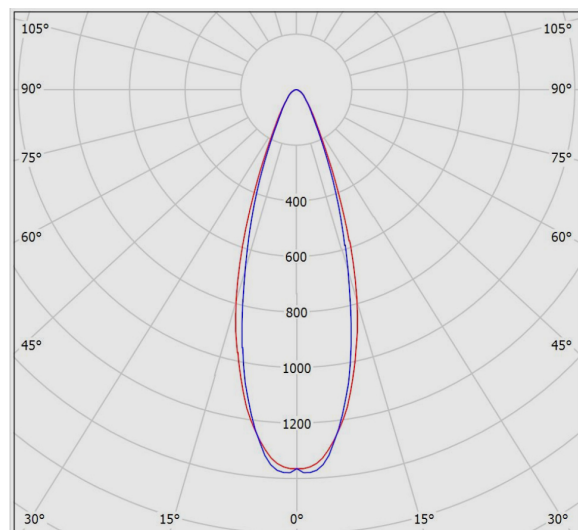
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Ballast/ Driver (Channel quantity):	Single channel
Mains voltage:	176~280 VDC, 176~264 VAC
Voltage Frequency:	50/60 Hz ; 0 (DC)
Wire / Cable Spec:	PVC flexible cable
Wire cross section:	0.5
Body Material:	Die-Cast aluminum
Body Coating:	Powder coated
Body Color:	Black
RAL:	RAL9005
Body Characteristic:	Rotatable optical compartment
Diffuser/Glass Material:	Glass
Diffuser/Glass Shape:	Flat
Diffuser/Glass Characteristic:	4mm thickness
Lens Material:	Clear polycarbonate
Light Distribution:	35 degrees
Gasket Material:	silicon
Packaging type:	Nylon cover and carton
Weight(Kg):	0.52
Dimensions(mm):	Ø76x100
Luminaire mechanical impact resistance:	IK07

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Photometric Graph



Glare Evaluation According to UGR

p Ceiling		70	70	50	50	30	30	70	70	50	50	30	
p Walls		50	30	50	30	30	50	30	50	30	30	50	
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	19.8	20.6	20.1	20.8	21.0	19.5	20.3	19.8	20.5	20.7		
	3H	20.5	21.2	20.8	21.4	21.7	20.1	20.8	20.4	21.0	21.3		
	4H	20.7	21.3	21.0	21.6	21.9	20.2	20.9	20.5	21.2	21.4		
	6H	20.8	21.4	21.1	21.7	22.0	20.3	20.9	20.6	21.2	21.4		
	8H	20.8	21.4	21.1	21.7	22.0	20.2	20.8	20.6	21.1	21.4		
4H	12H	20.8	21.4	21.1	21.7	22.0	20.2	20.8	20.6	21.1	21.4		
	2H	20.1	20.8	20.4	21.0	21.3	19.8	20.5	20.2	20.8	21.0		
	3H	20.9	21.4	21.2	21.8	22.1	20.6	21.1	20.9	21.4	21.7		
	4H	21.2	21.7	21.5	22.0	22.3	20.8	21.3	21.1	21.6	21.9		
	6H	21.3	21.8	21.8	22.1	22.5	20.8	21.2	21.2	21.6	22.0		
8H	8H	21.4	21.7	21.8	22.1	22.5	20.8	21.2	21.2	21.6	22.0		
	12H	21.4	21.7	21.8	22.1	22.5	20.8	21.1	21.2	21.5	21.9		
	4H	21.2	21.6	21.6	22.0	22.4	20.8	21.2	21.2	21.6	22.0		
	6H	21.4	21.7	21.9	22.1	22.6	20.9	21.2	21.4	21.6	22.1		
	8H	21.5	21.7	21.9	22.2	22.6	20.9	21.2	21.4	21.6	22.1		
12H	12H	21.5	21.7	22.0	22.2	22.6	20.9	21.1	21.4	21.5	22.0		
	4H	21.2	21.5	21.6	21.9	22.3	20.8	21.1	21.2	21.5	22.0		
	6H	21.4	21.7	21.9	22.1	22.6	20.9	21.1	21.4	21.6	22.1		
	8H	21.5	21.7	21.9	22.1	22.6	20.9	21.1	21.4	21.6	22.1		

Variation of the observer position for the luminance distances S

S = 1.0H	+0.8 / -0.6	+0.5 / -0.7
S = 1.5H	+2.0 / -1.2	+1.3 / -1.4
S = 2.0H	+3.2 / -2.2	+2.3 / -2.5
Standard table	BK02	BK02
Correction Summand	3.3	2.8

Corrected Glare Indices referring to 500lm Total Luminous Flux

Dimensional Drawing

