

M415ENLED2830-W

ATRIA spot facade light, Narrow Light Distribution, 3000K, 7.5 Dia., LED2, 550 Lumens, 6W, Milk White



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:	M415ENLED2830-W
Mounting Type:	Surface Mounted, Wall Mounted; Surface Mounted, Ground mounting
Application:	Facade and architectural lighting, Green area
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:	550
Efficacy (lm/W):	92
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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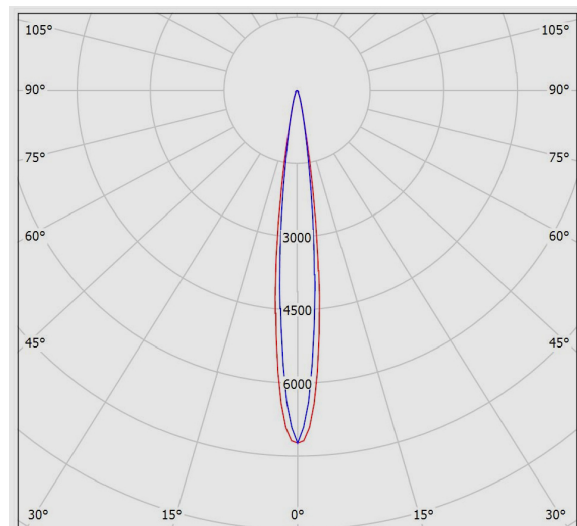
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Ballast/ Driver (Channel quantity):	Single channel
Mains voltage:	176~280 VDC, 176~264 VAC
Voltage Frequency:	50/60 Hz ; 0 (DC)
Wire / Cable Spec:	PVC flexible cable
Wire cross section:	0.5
Body Material:	Die-Cast aluminum
Body Coating:	Powder coated
Body Color:	Milk white
RAL:	RAL9002
Body Characteristic:	Rotatable optical compartment
Diffuser/Glass Material:	Glass
Diffuser/Glass Shape:	Flat
Diffuser/Glass Characteristic:	4mm thickness
Lens Material:	Clear polycarbonate
Light Distribution:	14 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

		70	70	50	50	30	70	70	50	50	30
p Ceiling											
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	18.6	19.4	18.9	19.6	19.8	18.5	19.3	18.8	19.5	19.7
	3H	18.6	20.0	19.6	20.3	20.5	18.9	19.6	19.2	19.9	20.1
	4H	19.4	20.1	19.8	20.4	20.6	19.0	19.7	19.3	19.9	20.2
	6H	19.5	20.1	19.8	20.3	20.6	19.0	19.6	19.3	19.9	20.2
	8H	19.4	20.0	19.8	20.3	20.6	19.0	19.5	19.3	19.8	20.1
	12H	19.4	20.0	19.7	20.3	20.6	18.9	19.5	19.3	19.8	20.1
4H	2H	19.1	19.8	19.4	20.0	20.3	19.0	19.6	19.3	19.9	20.1
	3H	19.8	20.4	20.2	20.7	21.0	19.5	20.0	19.8	20.3	20.6
	4H	20.0	20.5	20.4	20.8	21.2	19.6	20.1	20.0	20.4	20.7
	6H	20.1	20.5	20.5	20.8	21.2	19.6	20.0	20.0	20.4	20.8
	8H	20.0	20.4	20.5	20.8	21.2	19.6	19.9	20.0	20.3	20.7
	12H	20.0	20.3	20.4	20.7	21.1	19.5	19.8	20.0	20.2	20.7
6H	4H	20.0	20.4	20.4	20.7	21.1	19.6	20.0	20.0	20.3	20.7
	6H	20.1	20.3	20.5	20.8	21.2	19.6	19.9	20.1	20.3	20.8
	8H	20.0	20.3	20.5	20.7	21.2	19.6	19.8	20.0	20.3	20.7
	12H	20.0	20.2	20.5	20.6	21.1	19.5	19.7	20.0	20.2	20.7
	4H	20.0	20.3	20.4	20.7	21.1	19.6	19.9	20.0	20.3	20.7
	6H	20.0	20.3	20.5	20.7	21.2	19.6	19.8	20.1	20.3	20.7
12H	4H	20.0	20.2	20.5	20.7	21.1	19.5	19.7	20.0	20.2	20.7
	6H	20.0	20.3	20.5	20.7	21.2	19.6	19.8	20.1	20.3	20.7
	8H	20.0	20.2	20.5	20.7	21.1	19.5	19.7	20.0	20.2	20.7

Variation of the observer position for the luminaire distances S

S = 1.0H	+0.2 / -0.3	+0.2 / -0.2
S = 1.5H	+1.4 / -1.0	+1.2 / -1.5
S = 2.0H	+1.7 / -2.4	+2.1 / -3.4
Standard table	BK02	BK02
Correction Summand	2.1	1.7

Corrected Glare Indices referring to 550lm Total Luminous Flux

Dimensional Drawing

