

M315MLED3830-BL

ARTiLUX spot facade light, Medium beam angle, 12-cm Dia., 3000K, LED3, 1400 Lumens, 14W, Black



About Product

ARTiLUX 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, flexibility in light direction adjustment, and high ingress protection (IP66) are among the highlights of this luminaire.



Technical Information

Catalogue Code/product code:	M315MLED3830-BL
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:	>100.000h
Lumen maintenance factor:	L90
CRI (Color rendering index):	> 80
Power Consumption:	14
Luminous Flux:	1400
Efficacy (lm/W):	100
IP (Ingress Protection):	IP66
Insulation Class:	Class I
Ambient Temp.:	-20 - +45 degrees celsius
Max. Ambient Temperature:	+45°C
Min. Ambient Temperature:	-25°C
Ballast/ Driver:	Constant Current Driver (PF> 0.9)
Ballast/ driver Spec:	Non-dimmable

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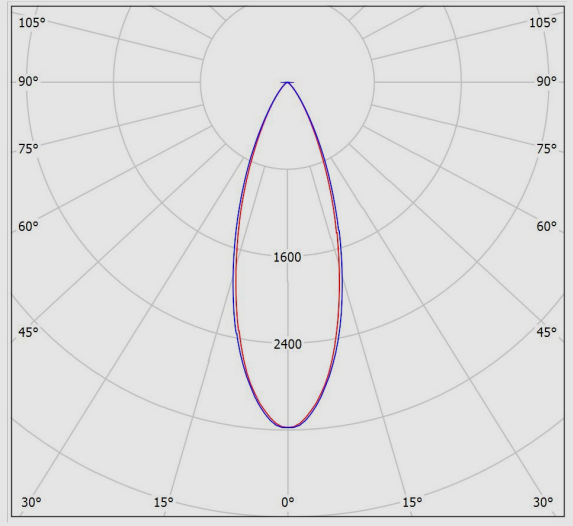
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Ballast/ Driver (Channel quantity):	Single channel
Mains voltage:	220~240 VAC±10%, 170~276 VDC
Voltage Frequency:	50/60 Hz ; 0 (DC)
Wire / Cable Spec:	PVC solid wire
Wire cross section:	0.5
Terminal material:	Polycarbonate
Terminal Spec:	Cable looping 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:	Black
RAL:	RAL9005
Body Characteristic:	Rotatable optical compartment
Diffuser/Glass Material:	Glass
Diffuser/Glass Shape:	Flat
Diffuser/Glass Characteristic:	4mm thickness
Lens Material:	clear Acrylic
Lens Characteristic:	Symmetrical light distribution with lens
Light Distribution:	35 degrees
Gasket Material:	silicon
Packaging type:	Nylon cover and carton
Weight(Kg):	1.1
Dimensions(mm):	Ø120x170
Luminaire mechanical impact resistance:	IK07

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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	15.3	16.0	15.6	16.2	16.4	15.7	16.4	15.9	16.6	16.8
	3H	15.3	16.0	15.6	16.2	16.4	15.7	16.3	16.0	16.5	16.8
	4H	15.3	15.9	15.6	16.2	16.4	15.7	16.3	16.0	16.5	16.8
	6H	15.3	15.9	15.6	16.1	16.4	15.7	16.2	16.0	16.5	16.8
	8H	15.3	15.8	15.5	16.1	16.4	15.7	16.2	16.0	16.5	16.8
4H	12H	15.3	15.8	15.6	16.1	16.4	15.7	16.2	16.0	16.5	16.8
	2H	15.2	15.8	15.5	16.1	16.3	15.6	16.2	15.9	16.4	16.7
	3H	15.3	15.8	15.6	16.1	16.4	15.6	16.1	16.0	16.4	16.7
	4H	15.3	15.7	15.7	16.0	16.4	15.6	16.1	16.0	16.4	16.7
	6H	15.3	15.7	15.7	16.0	16.4	15.7	16.0	16.1	16.4	16.8
8H	8H	15.4	15.7	15.8	16.1	16.5	15.7	16.0	16.1	16.4	16.8
	12H	15.3	15.6	15.8	16.0	16.4	15.8	16.0	16.2	16.4	16.8
	4H	15.2	15.5	15.6	15.9	16.3	15.6	15.9	16.0	16.3	16.7
	6H	15.3	15.6	15.8	16.0	16.4	15.7	15.9	16.1	16.3	16.8
	8H	15.4	15.6	15.8	16.0	16.5	15.7	15.9	16.2	16.4	16.8
12H	12H	15.3	15.5	15.8	15.9	16.4	15.8	15.9	16.2	16.4	16.9
	4H	15.2	15.5	15.6	15.9	16.3	15.5	15.8	16.0	16.2	16.6
	6H	15.3	15.5	15.8	15.9	16.4	15.6	15.8	16.1	16.3	16.7
	8H	15.4	15.5	15.8	16.0	16.5	15.7	15.9	16.2	16.3	16.8
Variation of the observer position for the luminaire distances S											
S = 1.0H		+3.6 / -3.8					+3.6 / -3.6				
S = 1.5H		+6.1 / -4.9					+6.1 / -4.5				
S = 2.0H		+8.0 / -5.8					+8.0 / -5.7				
Standard table		BK01					BK01				
Correction Summand		-2.7					-2.3				
Corrected Glare Indices referring to 1400lm Total Luminous Flux											

Dimensional Drawing

