

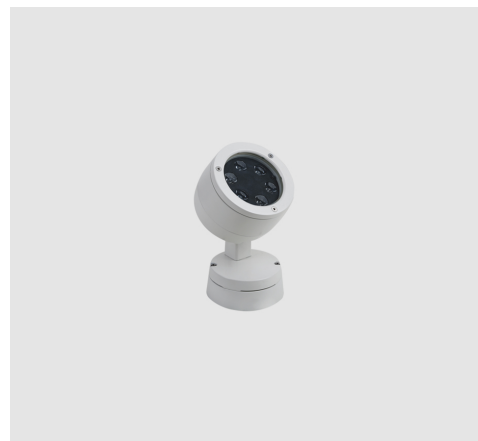
M315NLED3830-W

ARTiLUX spot facade light, Narrow beam angle, 12-cm Dia., 3000K, LED3, 1400 Lumens, 14W, Milk white



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:	M315NLED3830-W
Mounting Type:	Surface Mounted. Ground mounting, Wall Mounted; Surface Mounted
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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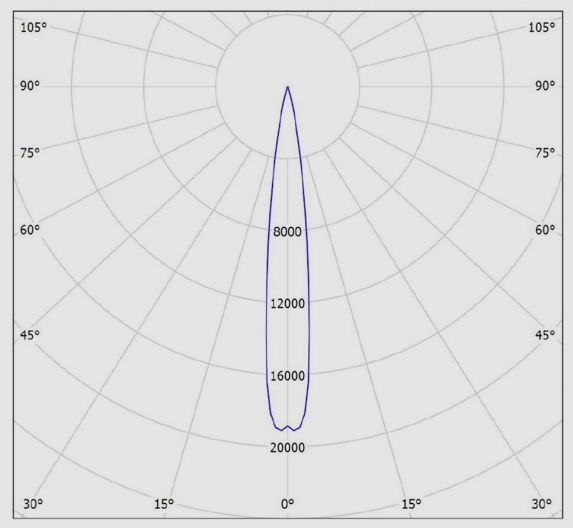
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Ballast/ Driver (Channel quantity):	Single channel
Mains voltage:	220~240 VAC±10%, 170~276 VDC
Voltage Frequency:	50/60 Hz ; 0 (DC)
Wire / Cable Spec:	PVC solid wire
Wire cross section:	0.5
Terminal material:	Polycarbonate
Terminal Spec:	Tool free wire connection, Cable looping is possible, 3-Pole (Size: 2.5)
Cable Looping:	Yes
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 Acrylic
Lens Characteristic:	Symmetrical light distribution with lens
Light Distribution:	14 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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ARTiLUX spot facede light, Narrow beam angle, 12-cm Dia., 3000K, LED3, 1400 Lumens, 14W, Milk white

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	-5.7	-5.0	-5.4	-4.8	-4.6	-5.7	-5.0	-5.4	-4.8	-4.6	
	3H	-5.6	-5.0	-5.3	-4.8	-4.6	-5.6	-5.0	-5.3	-4.8	-4.6	
	4H	-5.7	-5.1	-5.4	-4.9	-4.6	-5.7	-5.1	-5.4	-4.9	-4.6	
	6H	-5.7	-5.2	-5.4	-5.0	-4.7	-5.7	-5.2	-5.4	-5.0	-4.7	
	8H	-5.8	-5.3	-5.5	-5.0	-4.7	-5.8	-5.3	-5.5	-5.0	-4.7	
4H	12H	-5.8	-5.4	-5.5	-5.1	-4.8	-5.8	-5.4	-5.5	-5.1	-4.8	
	2H	-5.6	-5.0	-5.3	-4.8	-4.5	-5.6	-5.0	-5.3	-4.8	-4.5	
	3H	-5.5	-5.1	-5.2	-4.8	-4.5	-5.5	-5.1	-5.2	-4.8	-4.5	
	4H	-5.6	-5.2	-5.2	-4.9	-4.5	-5.6	-5.2	-5.2	-4.9	-4.5	
	6H	-5.7	-5.4	-5.3	-5.0	-4.6	-5.7	-5.4	-5.3	-5.0	-4.6	
8H	8H	-5.7	-5.4	-5.3	-5.0	-4.6	-5.7	-5.4	-5.3	-5.0	-4.6	
	12H	-5.8	-5.5	-5.3	-5.1	-4.7	-5.8	-5.5	-5.3	-5.1	-4.7	
	4H	-5.7	-5.4	-5.3	-5.0	-4.6	-5.7	-5.4	-5.3	-5.0	-4.6	
	6H	-5.8	-5.6	-5.4	-5.2	-4.7	-5.8	-5.6	-5.4	-5.2	-4.7	
	8H	-5.8	-5.7	-5.4	-5.2	-4.8	-5.8	-5.7	-5.4	-5.2	-4.8	
12H	12H	-5.9	-5.8	-5.4	-5.3	-4.8	-5.9	-5.8	-5.4	-5.3	-4.8	
	4H	-5.8	-5.5	-5.3	-5.1	-4.7	-5.8	-5.5	-5.3	-5.1	-4.7	
	6H	-5.8	-5.7	-5.4	-5.2	-4.8	-5.8	-5.7	-5.4	-5.2	-4.8	
	8H	-5.9	-5.8	-5.4	-5.3	-4.8	-5.9	-5.8	-5.4	-5.3	-4.8	
Variation of the observer position for the luminaire distance S												
S = 1.0H	+1.6 / -1.5					+1.6 / -1.5						
S = 1.5H	+3.1 / -4.3					+3.1 / -4.3						
S = 2.0H	+4.7 / -5.6					+4.7 / -5.6						
Standard table	BK01					BK01						
Correction Summand	-22.8					-22.8						
Corrected Glare Indices referring to 1350lm Total Luminous Flux												

Dimensional Drawing

