Mazinoor
Different Experience Beyond Illumination

M315MLED3830-W

ARTiLUX spot facede light, Medium 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

Cataloge Code/product code:	M315MLED3830-W
Mounting Type:	Wall Mounted; Surface Mounted، Ground mounting، 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:	>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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Ballast/ Driver (Channel quantity):	Single channel
Mains voltage:	170~276 VDC، 220~240 VAC±10%
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:	Milk white
RAL:	RAL9002
Body Characteristic:	Rotatble optical compartment
Diffuser/Glass Material:	Glass
Diffuser/Glass Shape:	Flat
Diffuser/Glass Characteristic:	4mm thickness
Lens Material:	clear Acrylic
Lens Characteristic:	Symmetrical light distribiution 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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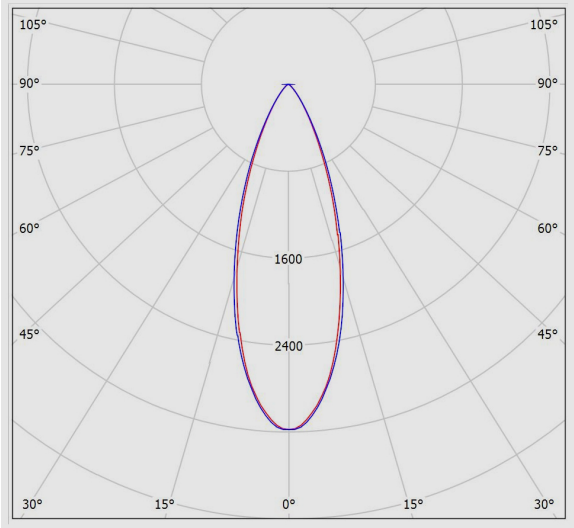
Photometric Graph



Glare Evaluation According to UGR

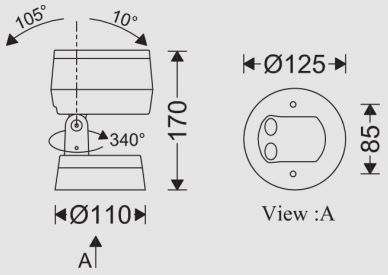
ρ Ceiling		70	70	50	50	30	70	70	50	50	30
ρ Walls		50	30	50	30	30	50	30	50	30	30
ρ Floor		20	20	20	20	20	20	20	20	20	20
Room Size X	Y	Viewing direction at right angles to lamp axis					Viewing direction parallel to lamp axis				
2H	2H	15.3	16.0	15.6	16.2	16.4	15.7	16.4	15.9	16.6	16.8
	3H	15.3	16.0	15.6	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	15.7	16.1	16.4	15.7	16.2	16.0	16.5	16.8
	12H	15.3	15.8	15.6	16.1	16.4	15.7	16.2	16.0	16.5	16.8
4H	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	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
8H	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	15.3	15.5	15.8	15.9	16.4	15.8	15.9	16.2	16.4	16.9
12H	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



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