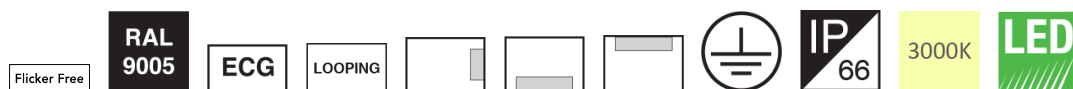


## M315NLED3830-BL

**ARTiLUX spot Facade light, Narrow 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

Luminaire Name:	ARTiLUX
Catalog Code/product code:	M315NLED3830-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:	>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)

## M315NLED3830-BL

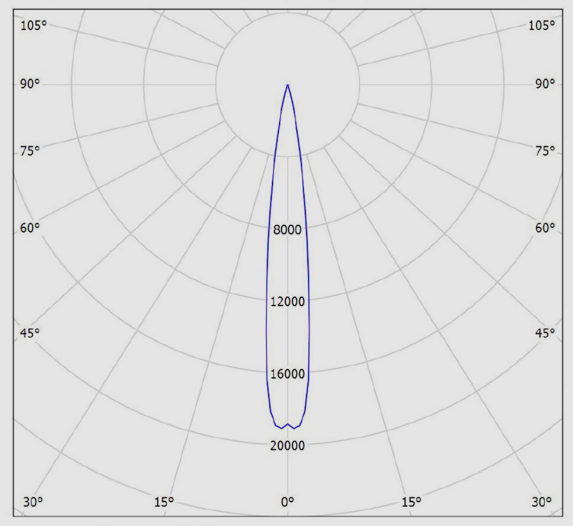
### ARTiLUX spot Facade light, Narrow beam angle, 12-cm Dia., 3000K, LED3, 1400 Lumens, 14W, Black

FLICKER:	Flicker Free
Ballast/ driver Spec:	Non-dimmable
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:	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:	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:	14 degrees
Gasket Material:	silicon
Packaging type:	Nylon cover and carton
Weight(Kg):	1.1
Dimensions(mm):	Ø120x170
Luminaire mechanical impact resistance:	IK07

M315NLED3830-BL

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

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	-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 distances 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		-22.8					-22.8									
Summand																
Corrected glare Indices referring to 1350lm Total Luminous Flux																

Dimensional Drawing

