

## M319ED12MLED1AMB-BL

**INTRALUX walk-over in-ground luminaire, Medium light distribution, 12-cm Dia., Amber, LED1, 400 Lumens, 7W, Black**



### About Product

INTRALUX walk-over in-ground luminaire is Mazinoor state of the art design suitable for architectural and outdoor facade lighting applications such as building facades and monuments. Aesthetically beautiful design, sturdy walk-over structure, high mechanical resistance, specially designed lenses with medium or narrow light distribution, high durability in different weather conditions, and high ingress protection (IP67) are among the highlights of this luminaire.



### Technical Information

Catalogue Code/product code:	M319ED12MLED1AMB-BL
Mounting Type:	In-ground
Application:	Facade and architectural lighting
Light source type:	LED
Module/ Lamp quantity:	1
CCT (Color temperature):	Amber
Light source:	LED
Lumen maintenance:	> 50.000h
Lumen maintenance factor:	L70
CRI (Color rendering index):	-
Power Consumption:	7
Luminous Flux:	400
Efficacy (lm/W):	57
IP (Ingress Protection):	IP67
Insulation Class:	Class I
Min. Ambient Temperature:	-20°C
Ballast/ Driver:	Constant Current Driver
FLICKER:	Flicker Free
Ballast/ driver Spec:	Non-dimmable
Ballast/ Driver (Channel quantity):	Single channel

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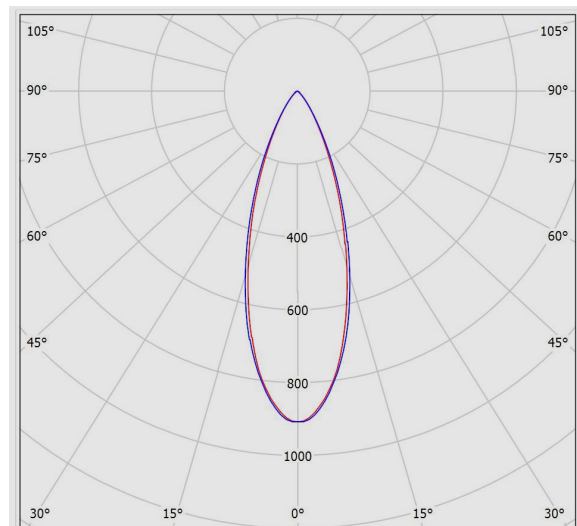
### INTRALUX walk-over in-ground luminaire, Medium light distribution, 12-cm Dia., Amber, LED1, 400 Lumens, 7W, Black

Mains voltage:	220~240 VAC±10%, 176~280 VDC
Voltage Frequency:	50/60 Hz ; 0 (DC)
Wire / Cable Spec:	PVC flexible cable
Wire cross section:	0.75
Body Material:	High pressure die-cast aluminum with stainless steel ring
Body Coating:	Powder coated
Body Color:	Black
RAL:	-
Diffuser/Glass Material:	Tempered glass
Diffuser/Glass Shape:	Clear
Lens Material:	Clear polycarbonate
Light Distribution:	35 degrees
Gasket Material:	silicon
Gasket Characteristic:	Dimensional stability for permanently safe tightness against water and dust, Ingress protection against dust and moisture
Installation Housing Material:	Polycarbonate
Interior Connection Material:	Galvanized coated
Exterior Connection Material:	Stainless steel
Packaging type:	Nylon cover and carton
Weight(Kg):	0.75
Dimensions(mm):	Ø120x120
Luminaire mechanical impact resistance:	IK08

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### Photometric Graph



Glare Evaluation According to UGR											
p Ceiling	70	70	50	50	30	70	70	50	50	30	30
p Walls	50	30	50	50	30	30	50	30	50	30	30
p Floor	20	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	11.0	11.7	11.2	11.9	12.1	11.3	12.0	11.6	12.2	12.4
	3H	11.0	11.6	11.3	11.9	12.1	11.3	12.0	11.6	12.2	12.4
	4H	11.0	11.6	11.3	11.8	12.1	11.3	11.9	11.6	12.2	12.4
	6H	11.0	11.5	11.3	11.8	12.1	11.3	11.9	11.6	12.1	12.4
	8H	11.0	11.5	11.3	11.8	12.1	11.3	11.9	11.7	12.1	12.4
4H	12H	10.9	11.4	11.3	11.7	12.0	11.3	11.8	11.7	12.1	12.4
	2H	10.9	11.5	11.2	11.7	12.0	11.2	11.8	11.5	12.0	12.3
	3H	10.9	11.4	11.3	11.7	12.0	11.3	11.8	11.6	12.1	12.4
	4H	10.9	11.4	11.3	11.7	12.0	11.3	11.7	11.7	12.0	12.4
	6H	11.0	11.3	11.4	11.7	12.1	11.3	11.7	11.7	12.0	12.4
8H	8H	11.0	11.3	11.4	11.7	12.1	11.4	11.7	11.8	12.1	12.5
	12H	11.0	11.2	11.4	11.6	12.1	11.4	11.7	11.8	12.1	12.5
	4H	10.9	11.2	11.3	11.6	12.0	11.2	11.5	11.6	11.9	12.3
	6H	11.0	11.2	11.4	11.6	12.1	11.3	11.5	11.7	12.0	12.4
	8H	11.0	11.2	11.5	11.7	12.1	11.4	11.6	11.8	12.0	12.5
12H	12H	11.0	11.1	11.4	11.6	12.1	11.4	11.6	11.9	12.0	12.5
	4H	10.8	11.1	11.3	11.5	11.9	11.2	11.5	11.6	11.9	12.3
	6H	11.0	11.2	11.4	11.6	12.1	11.3	11.5	11.8	11.9	12.4
	8H	11.0	11.2	11.5	11.6	12.1	11.4	11.5	11.8	12.0	12.5
	12H	11.0	11.2	11.5	11.6	12.1	11.4	11.5	11.8	12.0	12.5
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	-7.0						-6.7				
Corrected Glare Indices referring to 400lm Total Luminous Flux											

### Dimensional Drawing

