

M319ED18M1LED2AMB-BL

INTRALUX walk-over in-ground luminaire, Medium light distribution, 18-cm Dia., Amber, LED2, 800 Lumens, 14W, Black



About Product

INTRALUX walk-over in-ground luminaire is Megalite 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

Luminaire Name:	INTRALUX
Catalog Code/product code:	M319ED18M1LED2AMB-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
LED Module brand name:	Edison
Lumen maintenance:	> 50.000h
Lumen maintenance factor:	L70
Power Consumption:	14
Luminous Flux:	800
Efficacy (lm/W):	57
IP (Ingress Protection):	IP67
Insulation Class:	Class I
Max. Ambient Temperature:	50°C
Min. Ambient Temperature:	-20°C
Ballast/ Driver:	Constant Current Driver
Ballast/ Driver brand name:	Vossloh Schwabe

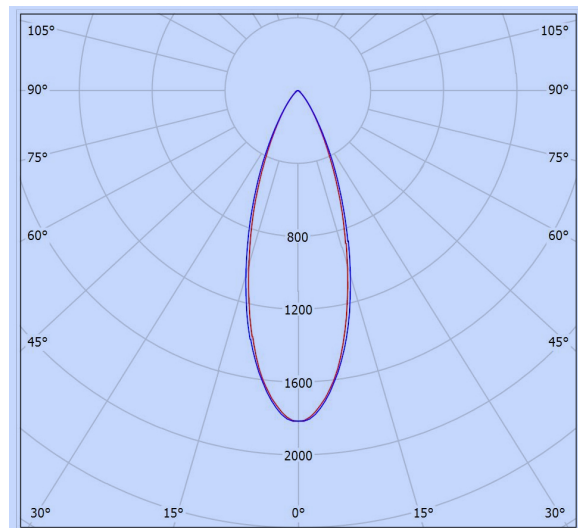
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FLICKER:	Flicker Free
Ballast/ driver Spec:	Non-dimmable
Ballast/ Driver (Channel quantity):	Single channel
Mains voltage:	176~264 VAC, 176~280 VDC
Voltage Frequency:	50/60 Hz ; 0 (DC)
Wire / Cable Spec:	PVC flexible cable
Wire cross section:	0.75
Body Material:	High pressure die-cast aluminum with stainless steel ring
Body Coating:	Powder coated
Body Color:	Black
Body Characteristic:	Walk-over luminaire
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):	1.6
Dimensions(mm):	Ø180x120
Luminaire mechanical impact resistance:	IK08

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Photometric Graph



Glare Evaluation According to UGR

		70	70	50	50	30	70	70	50	50	30
p Ceiling		50 <td>30</td> <td>50</td> <td>30</td> <td>30</td> <td>50</td> <td>30</td> <td>50</td> <td>30</td> <td>30</td>	30	50	30	30	50	30	50	30	30
p Walls		20	20	20	20	20	20	20	20	20	20
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	13.4	14.1	13.6	14.3	14.5	13.7	14.4	14.0	14.6	14.8
	3H	13.4	14.0	13.7	14.3	14.5	13.7	14.4	14.0	14.6	14.8
	4H	13.4	14.0	13.7	14.2	14.5	13.7	14.3	14.0	14.6	14.8
	6H	13.4	13.9	13.7	14.2	14.5	13.7	14.3	14.0	14.5	14.8
	8H	13.4	13.9	13.7	14.2	14.5	13.7	14.3	14.1	14.6	14.9
	12H	13.3	13.8	13.7	14.1	14.4	13.7	14.2	14.1	14.5	14.9
4H	2H	13.3	13.9	13.6	14.1	14.4	13.6	14.2	13.9	14.5	14.7
	3H	13.3	13.8	13.7	14.1	14.5	13.7	14.2	14.0	14.5	14.8
	4H	13.3	13.8	13.7	14.1	14.4	13.7	14.1	14.1	14.5	14.8
	6H	13.4	13.7	13.8	14.1	14.5	13.7	14.1	14.1	14.5	14.8
	8H	13.4	13.7	13.8	14.1	14.5	13.8	14.1	14.2	14.5	14.9
	12H	13.4	13.7	13.8	14.1	14.5	13.8	14.1	14.2	14.5	14.9
8H	4H	13.3	13.6	13.7	14.0	14.4	13.6	13.9	14.0	14.3	14.7
	6H	13.4	13.6	13.8	14.0	14.5	13.7	14.0	14.2	14.4	14.8
	8H	13.4	13.6	13.9	14.1	14.5	13.8	14.0	14.3	14.4	14.9
	12H	13.4	13.5	13.9	14.0	14.5	13.8	14.0	14.3	14.4	14.9
12H	4H	13.3	13.5	13.7	13.9	14.3	13.6	13.9	14.0	14.3	14.7
	6H	13.4	13.6	13.8	14.0	14.5	13.7	13.9	14.2	14.3	14.8
	8H	13.4	13.6	13.9	14.0	14.5	13.8	13.9	14.3	14.4	14.9
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		-4.6					-4.3				
Corrected Glare Indices referring to 800lm Total Luminous Flux											

Dimensional Drawing

