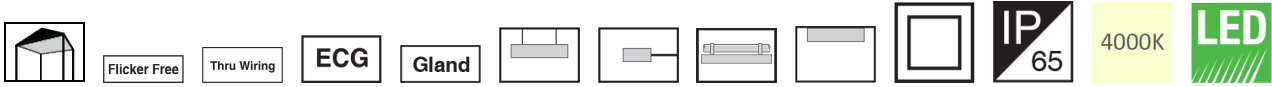


M456L60LED2840

ISOLA dust & moisture proof linear luminaire, Length: 60cm, 4000K, LED2, 2200 Lumens, 18W



About Product

ISOLA dust & moisture proof luminaire is designed and developed by Mazinoor suitable for various dusty and humid area. High efficiency, sleek design, durability, installation ease are among the highlights of this luminaire.



Technical Information

Catalogue Code/product code:	M456L60LED2840
Mounting Type:	Pipe clamp mounting, Suspended, Surface Mounted, Wall mounting with bracket
Application:	Industrial area, Sports area, Parking
Application consideration:	suitable for Indoor/Covered Outdoor
Light source type:	LED
Module/ Lamp quantity:	1
CCT (Color temperature):	4000K - Neutral White
Light source:	LED
LED Module brand name:	Edison
Lumen maintenance:	> 50000 hours
Lumen maintenance factor:	L70
CRI (Color rendering index):	> 80
Power Consumption:	18
Luminous Flux:	2200
Efficacy (lm/W):	122
IP (Ingress Protection):	IP65
Insulation Class:	Class II
Max. Ambient Temperature:	+45°C
Min. Ambient Temperature:	-20°C
Ballast/ Driver:	Constant Current Driver (PF> 0.9)

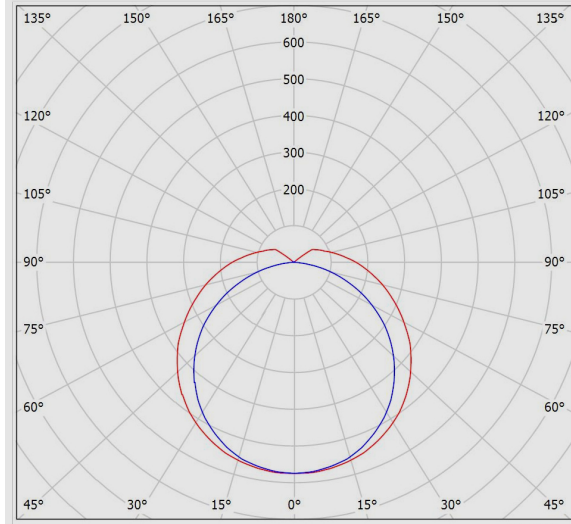
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Ballast/ Driver brand name:	Vossloh Schwabe
FLICKER:	Flicker Free
Ballast/ driver Spec:	Non-dimmable
Ballast/ Driver (Channel quantity):	Single channel
Mains voltage:	230~240 VAC±10%, 220~240 VAC±10%
Voltage Frequency:	50/60 Hz
Wire / Cable Spec:	PVC solid wire
Wire cross section:	0.5
Terminal material:	Polycarbonate
Terminal Spec:	Tool free wire connection. Cable looping is possible. 2 pole (Size: 2.5)
Cable Gland Spec:	Polyamide
Cable gland type:	PG13.5
Body Material:	Coextruded polycarbonate
Body Coating:	-
Body Color:	-
End Caps Material:	Polycarbonate
Diffuser/Glass Material:	Coextruded polycarbonate
Diffuser/Glass Shape:	Striped and matt
Diffuser/Glass Characteristic:	Uniform light distribution, UV stabilized, High efficiency
Light Distribution:	Uniform light distribution
Gasket Material:	silicon
Gasket Characteristic:	Ingress protection against dust and moisture
Clamp Material:	Stainless steel
Clamp Characteristic:	Easy and safe tool free installation of the luminaire. Installing the luminaire with adjustment possibility to fit different false ceiling thicknesses. Specially design for installing luminaire in different height
Packaging type:	Nylon cover and carton
Order Option:	Through wiring
Weight(Kg):	0.6
Dimensions(mm):	600x75x73
Luminaire mechanical impact resistance:	IK10
Other/Spare parts:	Surface mounting clamps, Suspension clips

M456L60LED2840

ISOLA dust & moisture proof linear luminaire, Length: 60cm, 4000K, LED2, 2200 Lumens, 18W

Photometric Graph



Glare Evaluation According to UGR													
		70	70	50	50	30	70	70	50	50	30		
p Ceiling		50	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	Viewing direction at right angles to lamp axis	Viewing direction parallel to lamp axis											
X	Y	2H	3H	4H	6H	8H	12H	2H	3H	4H	6H	8H	12H
2H	2H	21.9	23.2	22.4	23.6	24.1	19.9	21.2	20.3	21.6	22.0	22.0	
	3H	24.2	25.4	24.7	25.8	26.3	21.1	22.3	21.6	22.7	23.2	23.2	
	4H	25.5	26.6	26.0	27.0	27.5	21.5	22.6	22.0	23.1	23.6	23.6	
	6H	26.8	27.8	27.3	28.3	28.8	21.7	22.8	22.2	23.2	23.8	23.8	
	8H	27.5	28.5	28.0	29.0	29.5	21.8	22.8	22.3	23.2	23.8	23.8	
	12H	28.3	29.2	28.8	29.7	30.3	21.7	22.7	22.3	23.2	23.8	23.8	
4H	2H	22.4	23.5	22.9	24.0	24.5	20.8	21.9	21.3	22.4	22.9	22.9	
	3H	24.9	25.9	25.4	26.4	26.9	22.3	23.2	22.8	23.7	24.3	24.3	
	4H	26.3	27.2	26.9	27.7	28.3	22.8	23.7	23.4	24.2	24.8	24.8	
	6H	27.8	28.6	28.4	29.1	29.8	23.2	23.9	23.7	24.5	25.1	25.1	
	8H	28.6	29.4	29.2	29.9	30.6	23.2	24.0	23.8	24.5	25.2	25.2	
	12H	29.5	30.2	30.1	30.8	31.4	23.3	23.9	23.9	24.5	25.1	25.1	
6H	4H	26.5	27.2	27.1	27.8	28.4	23.6	24.3	24.1	24.8	25.5	25.5	
	6H	28.2	28.8	28.9	29.4	30.1	24.1	24.7	24.7	25.3	26.0	26.0	
	8H	29.2	29.7	29.8	30.3	31.0	24.3	24.8	25.0	25.5	26.2	26.2	
	12H	30.3	30.8	30.9	31.4	32.1	24.4	24.9	25.1	25.5	26.2	26.2	
12H	4H	26.5	27.2	27.1	27.8	28.4	23.8	24.4	24.4	25.0	25.6	25.6	
	6H	28.3	28.8	28.9	29.4	30.1	24.5	25.0	25.1	25.6	26.3	26.3	
	8H	29.3	29.8	30.0	30.4	31.1	24.8	25.2	25.4	25.9	26.6	26.6	
Variation of the observer position for the luminaire distances S													
S = 1.0H		+0.1 / -0.1					+0.1 / -0.1						
S = 1.5H		+0.2 / -0.2					+0.3 / -0.4						
S = 2.0H		+0.3 / -0.3					+0.4 / -0.8						
Standard table		---					BK06						
Correction Summand		---					7.4						
Corrected Glare Indices referring to 2200lm Total Luminous Flux													

Dimensional Drawing

