

M456L60LED2865

ISOLA dust & moisture proof linear luminaire, Length: 60cm, 6500K, 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

Cataloge Code/product code:	M456L60LED2865
Mounting Type:	Surface Mounted, Wall mounting with bracket, Pipe clamp mounting, Suspended
Application:	Industrial area, Sports area, Parking
Application consideration:	suitable for Indoor/Covered Outdoor
Light source type:	LED
Module/ Lamp quantity:	1
CCT (Color temperature):	6500K - Daylight
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 (Im/W):	122
IP (Ingress Protection):	IP65
Insulation Class:	Class II
Ambient Temp.:	-20 - +45 degrees celsius
Min. Ambient Temperature:	-20°C
Ballast/ Driver:	Constant Current Driver (PF> 0.9)



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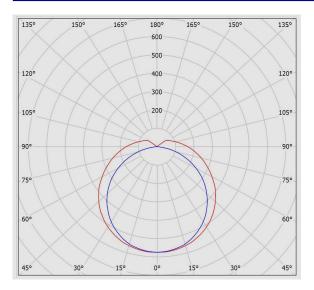
FLICKER:Flicker FreeBallast/ driver Spec:Non-dimmableBallast/ Driver (Channel quantity):Single channelMains voltage:220-240 VAC±10%Voltage Frequency:50/60 H2Wire / Cable Spec:PVC solid wireWire cross section:0.5Terminal material:PolycarbonateTerminal Spec:PolyarbonateCable Gland Spec:PolyarbindeCable Gland Spec:PolyarbindeBody Material:Coextruded polycarbonateBody Coorie-End Caps Material:Coextruded polycarbonateDiffuser/Glass Shape:Striped and mattDiffuser/Glass Shape:Striped and mattDiffuser/Glass Shape:Striped and mattCalma Larial:Uniform light distribution. UV stabilizedLight Distribution:Striped and mattCalmp Characteristic:Night efficiency. Uniform light distribution. UV stabilizedLight Distribution:Striped stributionGasket Material:Striped stributionGasket Material:Striped stributionGasket Material:Striped stributionGasket Material:Striped stributionGasket Material:Striped stributionPackaging type:Nylon cover and cartonPackaging type:0.6Diffuser/Siles StapeStriped striped	Ballast/ Driver brand name:	Vossloh Schwabe
Ballast/ Driver (Channel quantity):Single channelMains voltage:220-240 VAC±10%Voltage Frequency:50/60 HzWire / Cable Spec:PVC solid wireWire cross section:0.5Terminal material:PolycarbonateTerminal Spec:Tool free wire connection. Cable looping is possible. 2 pole (Size: 2.5)Cable Gland Spec:PolyamideCable Gland Spec:PolyamideCable Gland Spec:Coextruded polycarbonateBody Material:Coextruded polycarbonateBody Cooting:-End Caps Material:Coextruded polycarbonateDiffuser/Glass Material:Coextruded polycarbonateDiffuser/Glass Shape:Striped and mattDiffuser/Glass Characteristic:High efficiency. Uniform light distribution. UV stabilizedLight Distribution:Uniform light distributionGasket Characteristic:Ingress protection against dust and moistureClamp Ataerial:Stainless steelCamp Characteristic:Specially design for installing luminaire in different height. Easy and safe tool free instalation of the luminairePackaging type:Nylon cover and cartonOrder Option:Through wiringWeight(Kg):0.6Dimensions(mm):600x75x73Luminaire mechanical impact resistance:K10	FLICKER:	Flicker Free
Mains voltage:220-240 VAC±10%Voltage Frequency:50/60 HzWire / Cable Spec:PVC solid wireWire ross section:0.5Terminal material:PolycarbonateTerminal Spec:Tool free wire connection. Cable looping is possible. 2 pole (Size: 2.5)Cable Gland Spec:PolyamideCable Gland Spec:PolyamideCable Gland Spec:PolyamideGody Casting:-Body Material:Coextruded polycarbonateBody Color:-Inf Caps Material:PolycarbonateDiffuser/Glass Material:Coextruded polycarbonateDiffuser/Glass Material:Coextruded polycarbonateDiffuser/Glass Material:Coextruded polycarbonateDiffuser/Glass Material:Coextruded polycarbonateDiffuser/Glass Characteristic:High efficiency. Uniform light distribution. UV stabilizedLight Distribution:Uniform light distribution. UV stabilizedLight Distribution:Sainless steelClamp Material:Sainless steelClamp Characteristic:Nyion cover and cartonPricer Option:Through wiringWeight(Kg):0.6Dimensions(mm):GoX75x73Luminaire mechanical impact resistanceK10	Ballast/ driver Spec:	Non-dimmable
Voltage Frequency:50/60 HzWire / Cable Spec:PVC solid wireWire ross section:0.5Terminal material:PolycarbonateTerminal Spec:Tool free wire connection. Cable looping is possible. 2 pole (Size: 2.5)Cable Gland Spec:PolyamideCable Gland Spec:PolyamideCable Gland Spec:Coextruded polycarbonateBody Material:Coextruded polycarbonateBody Coating:-Body Saterial:Coextruded polycarbonateDiffuser/Glass Material:Coextruded polycarbonateDiffuser/Glass Material:Coextruded polycarbonateDiffuser/Glass Material:Coextruded polycarbonateDiffuser/Glass Material:Coextruded polycarbonateDiffuser/Glass Material:Coextruded polycarbonateDiffuser/Glass Material:Coextruded polycarbonateDiffuser/Glass Material:Striped and mattDiffuser/Glass Material:Uniform light distribution. UV stabilizedLight Distribution:Uniform light distributionGasket Characteristic:Ingress protection against dust and moistureClamp Aterial:Stainless steelClamp Characteristic:Nylon cover and cartonPricer Option:Through wiringWeight(Kg):0.6Dimensions(mm):G0x75x73Luminaire mechanical impact resistanceK10	Ballast/ Driver (Channel quantity):	Single channel
Wire / Cable Spec:PVC solid wireWire cross section:0.5Terminal material:PolycarbonateTerminal Spec:Tool free wire connection. Cable looping is possible. 2 pole (Size: 2.5)Cable Gland Spec:PolyamideCable gland type:PG13.5Body Material:Coextruded polycarbonateBody Coating:-Body Color:-End Caps Material:PolycarbonateDiffuser/Glass Material:Coextruded polycarbonateDiffuser/Glass Shape:Striped and mattDiffuser/Glass Characteristic:High efficiency. Uniform light distribution. UV stabilizedLight Distribution:Uniform light distributionGasket Characteristic:Ingress protection against dust and moistureClamp Characteristic:Specially design for installing luminaire in different height, Easy and safe tool free installation of the luminairePackaging type:0.6Wieght(Kg):0.6Dimensions(mm):600x75x73Luminaire mechanical impact resistanceK10	Mains voltage:	220~240 VAC±10%
Wire cross section:0.5Terminal material:PolycarbonateTerminal Spec:Tool free wire connection. Cable looping is possible. 2 pole (Size: 2.5)Cable Gland Spec:PolyamideCable gland type:PG13.5Body Material:Coextruded polycarbonateBody Coating:-End Caps Material:PolycarbonateDiffuser//Glass Material:Coextruded polycarbonateDiffuser//Glass Material:Coextruded polycarbonateDiffuser//Glass Material:Coextruded polycarbonateDiffuser//Glass Shape:Striped and mattDiffuser//Glass Characteristic:High efficiency. Uniform light distribution. UV stabilizedLight Distribution:Uniform light distributionGasket Material:Stainless steelClamp Material:Stainless steelClamp Characteristic:Nylon cover and cartonPackaging type:0.6Wieght(Kg):0.6Difmensions(mm):600x75x73Luminaire mechanical impact resistance:K10	Voltage Frequency:	50/60 Hz
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Cable Gland Spec:PolyamideCable gland type:PG13.5Body Material:Coextruded polycarbonateBody Coating:-Body Color:-End Caps Material:PolycarbonateDiffuser/Glass Material:Coextruded polycarbonateDiffuser/Glass Shape:Coextruded polycarbonateDiffuser/Glass Shape:Coextruded polycarbonateDiffuser/Glass Shape:Striped and mattDiffuser/Glass Characteristic:High efficiency, Uniform light distribution, UV stabilizedLight Distribution:Uniform light distributionGasket Material:siliconGasket Characteristic:Ingress protection against dust and moistureClamp Characteristic:Stainless steelClamp Characteristic:Nylon cover and cartonPdek option:Through wiringWeight(Kg):0.6Dimensions(mm):600x75x73Luminaire mechanical impact resistance:KL0	Terminal material:	Polycarbonate
Cable gland type:PG13.5Body Material:Coextruded polycarbonateBody Coating:-Body Color:-End Caps Material:PolycarbonateDiffuser/Glass Material:Coextruded polycarbonateDiffuser/Glass Shape:Striped and mattDiffuser/Glass Characteristic:High efficiency. Uniform light distribution. UV stabilizedLight Distribution:Uniform light distributionGasket Characteristic:Ingress protection against dust and moistureClamp Characteristic:Stainless steelClamp Characteristic:Nylon cover and cartonOrder Option:Through wiringWeight(Kg):0.6Dimensions(mm):600x75x73Luminaire mechanical impact resistance:K10	Terminal Spec:	Tool free wire connection, Cable looping is possible, 2 pole (Size: 2.5)
Body Material:Coextruded polycarbonateBody Coating:-Body Color:-End Caps Material:PolycarbonateDiffuser/Glass Material:Coextruded polycarbonateDiffuser/Glass Shape:Striped and mattDiffuser/Glass Characteristic:High efficiency. Uniform light distribution. UV stabilizedLight Distribution:Uniform light distributionGasket Material:siliconGasket Characteristic:Ingress protection against dust and moistureClamp Material:Stainless steelClamp Characteristic:Specially design for installing luminaire in different height. Easy and safe tool free installation of the luminairePackaging type:0.6Dimensions(mm):600x75x73Luminaire mechanical impact resistance:K10	Cable Gland Spec:	Polyamide
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Light Distribution:Uniform light distributionGasket Material:siliconGasket Characteristic:Ingress protection against dust and moistureClamp Material:Stainless steelClamp Characteristic:Specially design for installing luminaire in different height. Easy and safe tool free installation of the luminairePackaging type:Nylon cover and cartonOrder Option:Through wiringWeight(Kg):0.6Dimensions(mm):600x75x73Luminaire mechanical impact resistance:K10	Diffuser/Glass Shape:	Striped and matt
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Clamp Characteristic:installation of the luminairePackaging type:Nylon cover and cartonOrder Option:Through wiringWeight(Kg):0.6Dimensions(mm):600x75x73Luminaire mechanical impact resistance:IK10	Clamp Material:	Stainless steel
Order Option:Through wiringWeight(Kg):0.6Dimensions(mm):600x75x73Luminaire mechanical impact resistance:IK10	Clamp Characteristic:	
Weight(Kg):0.6Dimensions(mm):600x75x73Luminaire mechanical impact resistance:IK10	Packaging type:	Nylon cover and carton
Dimensions(mm):600x75x73Luminaire mechanical impact resistance:IK10	Order Option:	Through wiring
Luminaire mechanical impact resistance: IK10	Weight(Kg):	0.6
	Dimensions(mm):	600x75x73
Other/Spare parts: Surface mounting clamps, Suspension clips	Luminaire mechanical impact resistance:	IK10
	Other/Spare parts:	Surface mounting clamps, Suspension clips



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Photometric Graph



p Ceiling		70	70	50	50	30	70	70	50	50	30
p Walls		50	30	50	30	30	50	30	50	30	30
ρ Floor		20	20	20	20	20	20	20	20	20	20
Room S		Viewing direction at right angles				Viewing direction parallel					
Х	Y	to lamp axis				to lamp axis					
2H	2H	21.9	23.2	22.4	23.6	24.1	19.9	21.2	20.3	21.6	22.
	3H	24.2	25.4	24.7	25.8	26.3	21.1	22.3	21.6	22.7	23.
	4H	25.5	26.6	26.0	27.0	27.5	21.5	22.6	22.0	23.1	23.
	6H	26.8	27.8	27.3	28.3	28.8	21.7	22.8	22.2	23.2	23.
	8H	27.5	28.5	28.0	29.0	29.5	21.8	22.8	22.3	23.2	23.
	12H	28.3	29.2	28.8	29.7	30.3	21.7	22.7	22.3	23.2	23.
4H	2H	22.4	23.5	22.9	24.0	24.5	20.8	21.9	21.3	22.4	22.
	3H	24.9	25.9	25.4	26.4	26.9	22.3	23.2	22.8	23.7	24.
	4H	26.3	27.2	26.9	27.7	28.3	22.8	23.7	23.4	24.2	24.
	6H	27.8	28.6	28.4	29.1	29.8	23.2	23.9	23.7	24.5	25.
	8H	28.6	29.4	29.2	29.9	30.6	23.2	24.0	23.8	24.5	25.
	12H	29.5	30.2	30.1	30.8	31.4	23.3	23.9	23.9	24.5	25.
8H	4H	26.5	27.2	27.1	27.8	28.4	23.6	24.3	24.1	24.8	25.
	6H	28.2	28.8	28.9	29.4	30.1	24.1	24.7	24.7	25.3	26.
	8H	29.2	29.7	29.8	30.3	31.0	24.3	24.8	25.0	25.5	26.
	12H	30.3	30.8	30.9	31.4	32.1	24.4	24.9	25.1	25.5	26.
12H	4H	26.5	27.2	27.1	27.8	28.4	23.8	24.4	24.4	25.0	25.
	6H	28.3	28.8	28.9	29.4	30.1	24.5	25.0	25.1	25.6	26.
	8H	29.3	29.8	30.0	30.4	31.1	24.8	25.2	25.4	25.9	26.
Variation of t	he observe	position	for the lum	inaire dist	ances 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					BK06						
Correction						7.4					
Summ	and					7.4					

Dimensional Drawing

