

M309MEW1LED6840-S

LEDiSUN M (DOB) pendant dust & moisture proof high/low bay luminaire, Wide light distribution, 4000K, LED6, 16000 Lumens, 140W, Gray



About Product

LEDiSUN pendant dust & moisture proof high/low Bay luminaire is Megalite state of the art design suitable for industrial areas, aircraft hangars, indoor sports complexes and exhibition halls. Aesthetically beautiful design, durability, uniform light distribution, energy saving, and high ingress protection (IP65) are among the highlights of this luminaire



Technical Information

Luminaire Name:	LEDiSUN
Catalog Code/product code:	M309MEW1LED6840-S
Mounting Type:	Suspended
Application:	Industrial area
Application consideration:	suitable for Indoor/Covered Outdoor
Light source type:	DOB LED (PF> 0.9)
Module/ Lamp quantity:	1
CCT (Color temperature):	4000K - Neutral White
Light source:	LED
LED Module brand name:	Edison
Lumen maintenance:	> 50.000 hours
Lumen maintenance factor:	L70
CRI (Color rendering index):	> 80
Power Consumption:	140
Luminous Flux:	16000
Efficacy (lm/W):	114
IP (Ingress Protection):	IP65
Insulation Class:	Class I
Ambient Temp.:	50 degrees celsius
Min. Ambient Temperature:	-40°C

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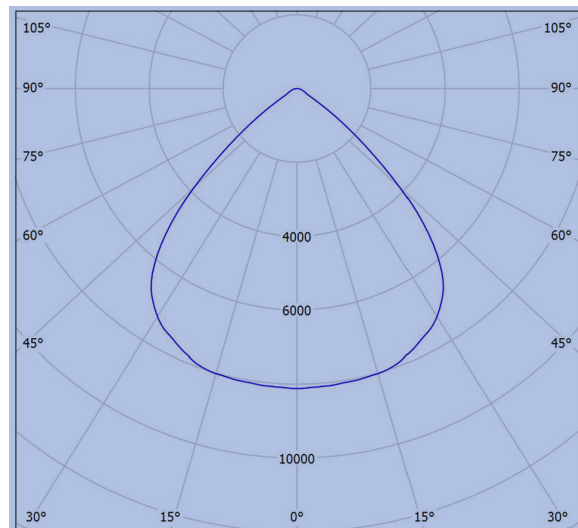
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Mains voltage:	220~240 VAC
Voltage Frequency:	50 Hz
Wire cross section:	0.5
Terminal material:	Polycarbonate
Terminal Spec:	Cable looping is possible, Tool free wire connection, 3-Pole (Size: 2.5)
Cable Looping:	Yes
Cable Gland Spec:	Polyamide
Cable gland type:	PG13.5
Body Material:	Die-Cast aluminum
Body Coating:	Powder coated
Body Color:	Gray
RAL:	RAL7043
Lens Material:	Clear polycarbonate
Light Distribution:	90 degrees
Gasket Material:	silicon
Packaging type:	Nylon cover and carton
Weight(Kg):	2.9
Dimensions(mm):	Ø360x85
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	
p Walls		50	30	50	30	30	50	30	50	30	30	
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	19.6	20.6	19.9	20.8	21.0	19.6	20.6	19.9	20.8	21.0	
	3H	19.5	20.4	19.8	20.6	20.9	19.5	20.4	19.8	20.6	20.9	
	4H	19.5	20.3	19.8	20.6	20.8	19.5	20.3	19.8	20.6	20.8	
	6H	19.5	20.2	19.8	20.5	20.8	19.5	20.2	19.8	20.5	20.8	
	8H	19.4	20.1	19.8	20.4	20.7	19.4	20.1	19.8	20.4	20.7	
	12H	19.4	20.1	19.8	20.4	20.7	19.4	20.1	19.8	20.4	20.7	
4H	2H	19.5	20.3	19.8	20.5	20.8	19.5	20.3	19.8	20.5	20.8	
	3H	19.4	20.1	19.8	20.4	20.7	19.4	20.1	19.8	20.4	20.7	
	4H	19.4	20.0	19.8	20.3	20.7	19.4	20.0	19.8	20.3	20.7	
	6H	19.4	19.9	19.8	20.3	20.6	19.4	19.9	19.8	20.3	20.6	
	8H	19.4	19.8	19.8	20.2	20.6	19.4	19.8	19.8	20.2	20.6	
	12H	19.4	19.8	19.8	20.2	20.6	19.4	19.8	19.8	20.2	20.6	
8H	4H	19.3	19.8	19.8	20.2	20.6	19.3	19.8	19.8	20.2	20.6	
	6H	19.3	19.7	19.8	20.1	20.6	19.3	19.7	19.8	20.1	20.6	
	8H	19.3	19.6	19.8	20.1	20.6	19.3	19.6	19.8	20.1	20.6	
	12H	19.3	19.6	19.8	20.0	20.5	19.3	19.6	19.8	20.0	20.5	
	4H	19.3	19.7	19.7	20.1	20.5	19.3	19.7	19.7	20.1	20.5	
	6H	19.3	19.6	19.8	20.1	20.5	19.3	19.6	19.8	20.1	20.5	
12H	8H	19.3	19.6	19.8	20.0	20.5	19.3	19.6	19.8	20.0	20.5	
	12H	19.3	19.6	19.8	20.0	20.5	19.3	19.6	19.8	20.0	20.5	
Variation of the observer position for the luminaire distances S												
S = 1.0H		+1.7 / -4.0					+1.7 / -4.0					
S = 1.5H		+3.5 / -7.1					+3.5 / -7.1					
S = 2.0H		+5.5 / -7.6					+5.5 / -7.6					
Standard table		BK00					BK00					
Correction Summand		1.2					1.2					
Corrected Glare Indices referring to 15500lm Total Luminous Flux												

Dimensional Drawing

