

M308MEW1LED6840-W

Decorative LEDiSUN M (DOB) pendant luminaire, Wide light distribution, 4000K, LED6, 15000 Lumens, 140W, White



About Product

Decorative LEDiSUN pendant luminaire is Megalite state of the art design suitable for hypermarkets, retail shops, offices, and exhibition halls. Aesthetically beautiful design, durability, uniform light distribution, energy saving, and glare control are among the highlights of this luminaire.



Technical Information

Luminaire Name:	Decorative LEDiSUN
Catalog Code/product code:	M308MEW1LED6840-W
Mounting Type:	Suspended
Application:	Hypermarket, Office, Hospitality, Shopping centers
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:	15000
Efficacy (lm/W):	107
IP (Ingress Protection):	Optical compartment IP65
Insulation Class:	Class I
Mains voltage:	220~240 VAC
Voltage Frequency:	50 Hz
Wire / Cable Spec:	PVC flexible cable

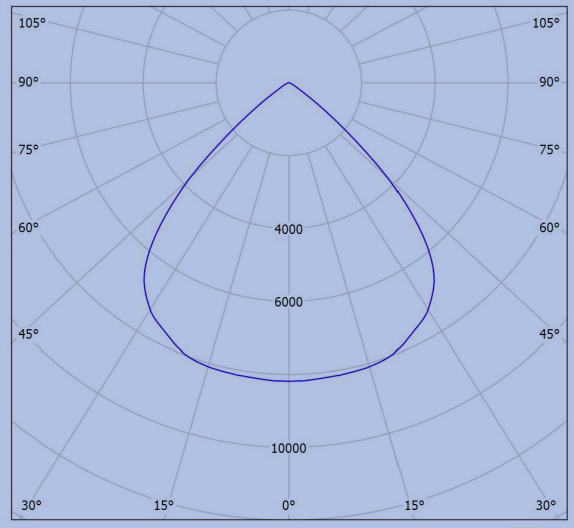
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Wire cross section:	0.5/0.75
Terminal material:	Polyamide
Terminal Spec:	3-Pole (Size: 2.5)
Cable Gland Spec:	Polyamide
Cable gland type:	PG13.5
Body Material:	Die-Cast aluminum
Body Coating:	Powder coated
Body Color:	White
RAL:	RAL9003
Body Characteristic:	Separate electrical compartment from optical compartment. Specially designed cooling feature
Reflector Material:	aluminum sheet
Reflector Coating:	White powder coated
Lens Material:	Clear polycarbonate
Light Distribution:	90 degrees
Gasket Material:	silicon
Gasket Characteristic:	High thermal resistance. Resistant to pressure
Bracket Material:	Steel sheet
Packaging type:	Nylon cover and carton
Other Characteristics:	Dimmable (30~100%) by using Autotransformer or TRIAC dimmer White powder coated die-cast aluminum terminal box cover
Weight(Kg):	5.7
Dimensions(mm):	Ø435x180
Luminaire mechanical impact resistance:	IK08
Suspension height (m):	Up to 3m

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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	13.4	14.3	13.7	14.5	14.7	13.4	14.3	13.7	14.5	14.7
	3H	13.6	14.4	13.9	14.7	14.9	13.6	14.4	13.9	14.7	14.9
	4H	13.6	14.4	14.0	14.7	14.9	13.6	14.4	14.0	14.7	14.9
	6H	13.7	14.4	14.0	14.7	15.0	13.7	14.4	14.0	14.7	15.0
	8H	13.7	14.4	14.0	14.6	15.0	13.7	14.4	14.0	14.6	15.0
4H	12H	13.7	14.3	14.0	14.6	15.0	13.7	14.3	14.0	14.6	15.0
	2H	13.4	14.2	13.7	14.5	14.7	13.4	14.2	13.7	14.5	14.7
	3H	13.7	14.3	14.0	14.6	14.9	13.7	14.3	14.0	14.6	14.9
	4H	13.7	14.3	14.1	14.6	15.0	13.7	14.3	14.1	14.6	15.0
	6H	13.8	14.3	14.2	14.7	15.1	13.8	14.3	14.2	14.7	15.1
8H	12H	13.9	14.3	14.3	14.7	15.1	13.9	14.3	14.3	14.7	15.1
	2H	13.4	14.1	14.1	14.5	14.9	13.7	14.1	14.1	14.5	14.9
	6H	13.9	14.2	14.3	14.6	15.1	13.9	14.2	14.3	14.6	15.1
	8H	13.9	14.2	14.4	14.7	15.1	13.9	14.2	14.4	14.7	15.1
	12H	14.0	14.2	14.5	14.7	15.2	14.0	14.2	14.5	14.7	15.2
12H	4H	13.7	14.1	14.1	14.5	14.9	13.7	14.1	14.1	14.5	14.9
	6H	13.8	14.1	14.3	14.6	15.0	13.8	14.1	14.3	14.6	15.0
	8H	13.9	14.2	14.4	14.6	15.1	13.9	14.2	14.4	14.6	15.1
	12H	13.9	14.2	14.4	14.6	15.1	13.9	14.2	14.4	14.6	15.1
	12H	13.9	14.2	14.4	14.6	15.1	13.9	14.2	14.4	14.6	15.1
Variation of the observer position for the luminaire distances S											
S = 1.0H		+2.0 / -7.1					+2.0 / -7.1				
S = 1.5H		+4.2 / -11.5					+4.2 / -11.5				
S = 2.0H		+6.2 / -13.0					+6.2 / -13.0				
Standard table		BK00					BK00				
Correction Summand		-3.9					-3.9				
Corrected Glare Indices referring to 15000lm Total Luminous Flux											

Dimensional Drawing

