

M312SM3LED7765-W

HERCULED S dust & moisture proof high/ low bay luminaire, Medium light distribution, 6500K, LED7, 24000 Lumens, 150W, Milk white



About Product

HERCULED S dust & moisture proof high/low bay luminaire is Megalite state of the art design suitable for surface mount or suspending in industrial area with specially designed lenses to deliver a variety of light distribution. Sturdy body and high ingress protection (IP66) are among the highlights of this luminaire.



Technical Information

Catalogue Code/product code:	M312SM3LED7765-W
Mounting Type:	Surface Mounted, Suspended
Application:	Sports area, Industrial area
Light source type:	LED
Module/ Lamp quantity:	3
CCT (Color temperature):	6500K - Daylight
Light source:	LED
LED Module brand name:	Edison
Lumen maintenance:	> 100.000 hours
Lumen maintenance factor:	L80
CRI (Color rendering index):	> 70
Power Consumption:	150
Luminous Flux:	23000
Efficacy (lm/W):	153
IP (Ingress Protection):	IP66
Insulation Class:	Class I
Max. Ambient Temperature:	+55°C
Min. Ambient Temperature:	-30°C
Ballast/ Driver:	Constant Current Driver (PF> 0.9)
Ballast/ Driver brand name:	Vossloh Schwabe

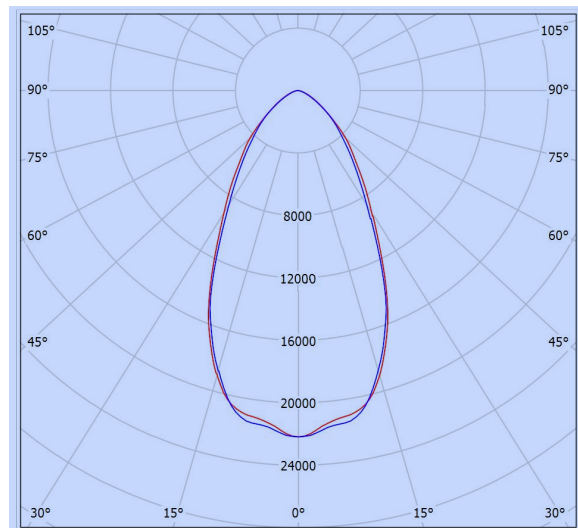
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FLICKER:	Flicker Free
Ballast/ driver Spec:	Dimmable (1-10V)
Ballast/ Driver (Channel quantity):	Single channel
Mains voltage:	100~277 VAC±10%
Voltage Frequency:	50/60 Hz
Wire / Cable Spec:	PVC solid wire
Wire cross section:	0.5
Terminal material:	Polycarbonate
Terminal Spec:	3-Pole (Size: 2.5), Cable looping is possible, Tool free wire connection
Cable Looping:	Yes
Cable Gland Spec:	Polyamide
Cable gland type:	PG13.5
Body Material:	Die-Cast aluminum
Body Coating:	Powder coated
Body Color:	Milk white
RAL:	RAL9002
Diffuser/Glass Material:	Tempered glass
Diffuser/Glass Shape:	Flat
Diffuser/Glass Characteristic:	High mechanical resistant, High thermal resistance, 5mm thickness
Lens Material:	clear Acrylic
Light Distribution:	55degrees
Gasket Material:	silicon
Gasket Characteristic:	High thermal resistance
Packaging type:	Nylon cover and carton
Order Option:	Gray or milk white powder coated aluminum body cover
Other Characteristics:	Sturdy gray powder coated swivel base with scale and stainless steel bolts for adjusting the floodlight to the desired angle
Weight(Kg):	5.7
Dimensions(mm):	Ø380x60
Luminaire mechanical impact resistance:	IK09
Other/Spare parts:	M6 Stainless steel suspension hooks (2 pcs.), M6 nuts (4 pcs.)

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Photometric Graph



Glare Evaluation According to UGR												
		70	70	50	50	30	70	70	50	50	30	30
p Ceiling		50	30	50	30	30	50	30	50	30	30	30
p Walls		20	20	20	20	20	20	20	20	20	20	20
p Floor		20	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	23.3	24.2	23.5	24.4	24.6	22.9	23.9	23.2	24.1	24.3	
	3H	23.6	24.5	23.9	24.7	25.0	23.2	24.0	23.5	24.3	24.5	
	4H	23.7	24.5	24.1	24.8	25.1	23.3	24.0	23.6	24.3	24.6	
	6H	23.8	24.5	24.1	24.8	25.1	23.2	24.0	23.6	24.3	24.6	
	8H	23.8	24.5	24.1	24.8	25.1	23.2	23.9	23.6	24.2	24.5	
	12H	23.8	24.4	24.1	24.7	25.0	23.2	23.8	23.5	24.2	24.5	
4H	2H	23.4	24.2	23.7	24.5	24.7	23.1	23.9	23.5	24.2	24.5	
	3H	23.9	24.6	24.3	24.9	25.2	23.5	24.2	23.9	24.5	24.8	
	4H	24.1	24.7	24.5	25.0	25.4	23.6	24.2	24.0	24.5	24.9	
	6H	24.2	24.7	24.6	25.0	25.4	23.7	24.1	24.1	24.5	24.9	
	8H	24.2	24.6	24.6	25.0	25.4	23.6	24.1	24.1	24.5	24.9	
	12H	24.2	24.6	24.6	25.0	25.4	23.6	24.0	24.0	24.4	24.8	
6H	2H	24.1	24.5	24.5	24.9	25.3	23.7	24.1	24.1	24.5	24.9	
	3H	24.2	24.6	24.7	25.0	25.4	23.7	24.1	24.2	24.5	24.9	
	4H	24.1	24.7	24.5	25.0	25.4	23.6	24.2	24.0	24.5	24.9	
	6H	24.2	24.5	24.7	25.0	25.5	23.7	24.0	24.2	24.4	24.9	
	8H	24.2	24.5	24.7	25.0	25.5	23.7	23.9	24.1	24.4	24.9	
	12H	24.2	24.5	24.7	24.9	25.4	23.6	24.0	24.1	24.4	24.8	
8H	2H	24.1	24.5	24.5	24.9	25.3	23.7	24.1	24.1	24.5	24.9	
	3H	24.2	24.6	24.7	25.0	25.4	23.7	24.1	24.2	24.5	24.9	
	4H	24.1	24.7	24.5	25.0	25.4	23.6	24.2	24.0	24.5	24.9	
	6H	24.2	24.5	24.7	25.0	25.5	23.7	24.0	24.2	24.4	24.9	
	8H	24.2	24.5	24.7	25.0	25.5	23.7	23.9	24.1	24.4	24.9	
	12H	24.2	24.5	24.7	24.9	25.4	23.6	24.0	24.1	24.4	24.8	
Variation of the observer position for the luminaire distances S												
S = 1.0H		+0.5 / -1.0					+0.6 / -1.2					
S = 1.5H		+1.4 / -2.1					+1.5 / -2.5					
S = 2.0H		+2.7 / -3.1					+2.9 / -3.7					
Standard table		BK02					BK01					
Correction Summand		6.4					5.5					
Corrected Glare Indices referring to 24000lm Total Luminous Flux												

Dimensional Drawing

