

M312SMLED7740-S

HERCULED S dust & moisture proof high/ low bay luminaire, Medium light distribution, 4000K, LED7, 24000 Lumens, 150W, Gray



About Product

HERCULED S dust & moisture proof high/low bay luminaire is Mazinoor 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:	M312SMLED7740-S
Mounting Type:	Surface Mounted, Suspended
Application:	Sports area, Industrial area
Light source type:	LED
Module/ Lamp quantity:	3
CCT (Color temperature):	4000K - Neutral White
Light source:	LED
Lumen maintenance:	> 100.000 hours
Lumen maintenance factor:	L85
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)
FLICKER:	Flicker Free
Ballast/ driver Spec:	Dimmable (1-10V)

M312SMLED7740-S

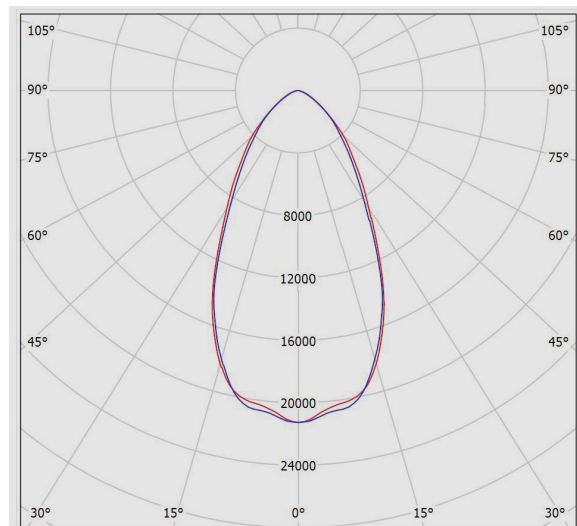
HERCULED S dust & moisture proof high/ low bay luminaire, Medium light distribution, 4000K, LED7, 24000 Lumens, 150W, Gray

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:	Tool free wire connection, Cable looping is possible, 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
Diffuser/Glass Material:	Tempered glass
Diffuser/Glass Shape:	Clear
Diffuser/Glass Characteristic:	5mm thickness, High thermal resistance, High mechanical resistant
Lens Material:	clear Acrylic
Light Distribution:	55 degrees
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):	4
Dimensions(mm):	Ø380x60
Luminaire mechanical impact resistance:	IK09
Other/Spare parts:	M6 Stainless steel suspension hooks (2 pcs.), M6 nuts (4 pcs.)

M312SMLED7740-S

HERCULED S dust & moisture proof high/ low bay luminaire, Medium light distribution, 4000K, LED7, 24000 Lumens, 150W, Gray

Photometric Graph



Glare Evaluation According to UGR												
p Ceiling		70	70	50	50	30	70	70	50	50	30	30
p Walls		50	30	50	30	30	50	30	50	30	30	30
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	24.8	25.7	25.1	25.9	26.1	24.5	25.4	24.7	25.6	25.8	25.8
	3H	25.2	26.0	25.5	26.3	26.5	24.7	25.6	25.0	25.8	26.1	
	4H	25.3	26.1	25.6	26.3	26.6	24.8	25.6	25.1	25.8	26.1	
	6H	25.3	26.0	25.7	26.3	26.6	24.8	25.5	25.1	25.8	26.1	
	8H	25.3	26.0	25.7	26.3	26.6	24.8	25.5	25.1	25.7	26.1	
	12H	25.3	25.9	25.6	26.3	26.6	24.7	25.4	25.1	25.7	26.0	
4H	2H	25.0	25.7	25.3	26.0	26.3	24.7	25.5	25.0	25.7	26.0	
	3H	25.5	26.1	25.8	26.4	26.8	25.1	25.7	25.4	26.0	26.3	
	4H	25.6	26.2	26.0	26.6	26.9	25.2	25.7	25.5	26.1	26.4	
	6H	25.7	26.2	26.1	26.6	27.0	25.2	25.7	25.6	26.1	26.4	
	8H	25.7	26.2	26.2	26.6	27.0	25.2	25.6	25.6	26.0	26.4	
	12H	25.7	26.1	26.2	26.5	26.9	25.1	25.5	25.6	25.9	26.4	
8H	4H	25.6	26.1	26.1	26.5	26.9	25.2	25.6	25.6	26.0	26.4	
	6H	25.8	26.1	26.2	26.5	27.0	25.2	25.6	25.7	26.0	26.5	
	8H	25.8	26.1	26.3	26.5	27.0	25.2	25.5	25.7	26.0	26.4	
	12H	25.8	26.0	26.3	26.5	27.0	25.2	25.5	25.7	25.9	26.4	
	4H	25.6	26.0	26.1	26.4	26.8	25.2	25.6	25.6	26.0	26.4	
	6H	25.7	26.0	26.2	26.5	27.0	25.2	25.5	25.7	26.0	26.4	
12H	8H	25.8	26.0	26.2	26.5	27.0	25.2	25.5	25.7	25.9	26.4	
	12H	25.8	26.0	26.2	26.5	27.0	25.2	25.5	25.7	25.9	26.4	
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 / -3.0					+2.8 / -3.7					
Standard table		BK02					BK01					
Correction Summand		7.9					7.0					
Corrected Glare Indices referring to 23000lm Total Luminous Flux												

Dimensional Drawing

