

M212A1GLED1

ROCKY oval-shaped bulkhead, Metal guard, 4000K, LED1, 800 Lumens, 9W, A1 series



About Product

ROCKY LED bulkhead luminaire is designed and manufactured by Mazinoor for industrial applications. Sturdy body, durability, UV free, high efficacy, energy saving, environment friendliness, and high ingress protection (IP66) are among the highlights of this luminaire.



Technical Information

Catalogue Code/product code:	M212A1GLED1
Mounting Type:	Surface Mounted. Wall Mounted; Surface Mounted
Application:	Industrial area
Light source type:	DOB LED (PF> 0.5)
Module/ Lamp quantity:	1
CCT (Color temperature):	4000K - Neutral White
Light source:	LED
Lumen maintenance:	> 50.000 hours
Lumen maintenance factor:	L70
CRI (Color rendering index):	> 80
Power Consumption:	9
Luminous Flux:	800
Efficacy (lm/W):	89
IP (Ingress Protection):	IP66
Insulation Class:	Class I
Max. Ambient Temperature:	+45°C
Min. Ambient Temperature:	-30°C
Mains voltage:	220~240 VAC
Voltage Frequency:	50 Hz
Wire / Cable Spec:	PVC flexible wire

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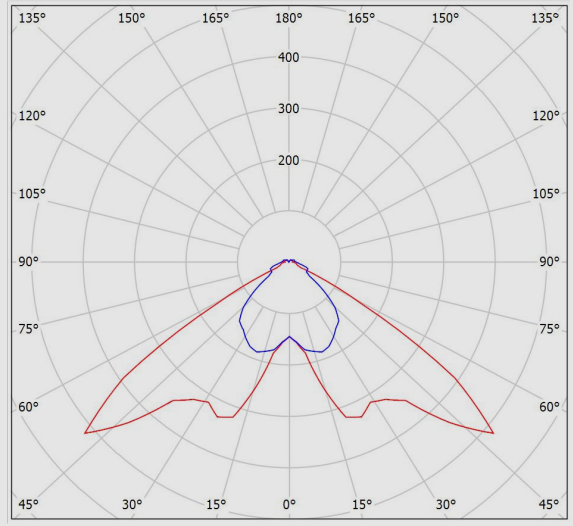
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Wire cross section:	0.5
Terminal material:	Polycarbonate
Terminal Spec:	Cable looping is possible, 3-Pole (Size: 2.5), Tool free wire connection
Cable Looping:	Yes
Cable Gland Spec:	Polyamide
Cable gland type:	PG13.5
Body Material:	Die-Cast aluminum
Body Coating:	Powder coated
Body Color:	Milk white
RAL:	RAL9002
Diffuser/Glass Material:	Glass
Diffuser/Glass Shape:	Clear prismatic
Diffuser/Glass Characteristic:	Uniform light distribution
Light Distribution:	Uniform light distribution
Guard Material:	Die-Cast aluminum
Guard Coating:	Milk white powder coated
Gasket Material:	silicon
Gasket Characteristic:	Ingress protection against dust and moisture
Packaging type:	Nylon cover and carton
Order Option:	Metal gland, Junction box with 5 poles wire terminal for cable entry on three side of box
Weight(Kg):	1
Dimensions(mm):	220x130x120
Luminaire mechanical impact resistance:	IK08

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Photometric Graph



Glare Evaluation According to UGR												
		70	70	50	50	30	70	70	50	50	30	
p Ceiling		50	30	50	30	30	50	30	50	30	30	
p Floor		20	20	20	20	20	20	20	20	20	20	
Room Size		Viewing direction at right angles to lamp axis					Viewing direction parallel to lamp axis					
X	Y											
2H	2H	23.8	25.0	24.1	25.3	25.6	16.7	17.9	17.1	18.3	18.6	
	3H	23.6	24.6	24.0	24.9	25.3	17.3	18.4	17.7	18.8	19.1	
	4H	23.6	24.6	24.0	24.9	25.3	17.7	18.7	18.1	19.1	19.5	
	6H	23.5	24.4	24.0	24.8	25.3	18.0	18.9	18.4	19.3	19.7	
	8H	23.5	24.4	23.9	24.8	25.2	18.1	19.0	18.5	19.4	19.8	
4H	12H	23.5	24.3	23.9	24.7	25.2	18.2	19.1	18.7	19.5	19.9	
	2H	23.5	24.6	24.0	24.9	25.3	17.2	18.2	17.6	18.5	18.9	
	3H	23.4	24.3	23.9	24.7	25.2	17.9	18.7	18.3	19.1	19.6	
	4H	23.4	24.2	23.9	24.6	25.1	18.3	19.1	18.8	19.5	20.0	
	6H	23.4	24.1	23.9	24.5	25.0	18.7	19.3	19.2	19.8	20.3	
6H	8H	23.4	24.0	23.9	24.5	25.0	18.9	19.5	19.4	19.9	20.5	
	12H	23.4	24.0	23.9	24.5	25.0	19.0	19.6	19.6	20.1	20.6	
	4H	23.3	23.9	23.9	24.4	24.9	18.4	19.0	18.9	19.5	20.0	
	6H	23.4	23.8	23.9	24.4	24.9	18.8	19.3	19.4	19.9	20.4	
	8H	23.4	23.8	23.9	24.3	24.9	19.1	19.5	19.6	20.1	20.6	
12H	12H	23.4	23.8	24.0	24.3	24.9	19.3	19.7	19.9	20.3	20.9	
	4H	23.3	23.8	23.8	24.3	24.9	18.4	18.9	18.9	19.4	19.9	
	6H	23.3	23.8	23.9	24.3	24.9	18.9	19.3	19.4	19.8	20.4	
	8H	23.3	23.7	23.9	24.3	24.9	19.1	19.5	19.7	20.1	20.7	
Variation of the observer position for the luminaire distances S												
S = 1.0H		+1.3 / -1.3					+0.7 / -1.1					
S = 1.5H		+3.7 / -5.5					+1.6 / -1.8					
S = 2.0H		+5.7 / -7.5					+2.1 / -2.0					
Standard table		BK00					BK04					
Correction												
Summand		5.6					1.8					
Corrected Glare Indices referring to 800lm Total Luminous Flux												

Dimensional Drawing

