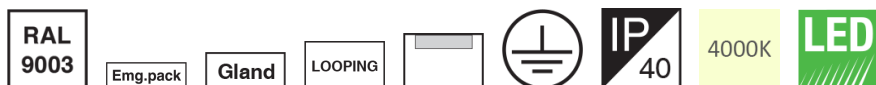


M220APLED2EPN840-W

AURORA Surface Mount Emergency Light, Self Contained, Anti-panic lighting, Non-maintained, 4000K, LED2, 250 lumens, 2W, White



About Product

AURORA emergency light is designed and manufactured by Mazinoor with different lens options for providing enough light in case of power outage or escape pathway emergency lighting.



Technical Information

Catalogue Code/product code:	M220APLED2EPN840-W
Mounting Type:	Surface Mounted
Application:	Hypermarket, Emergency, Industrial area, Gallery and museum, Sports area, Office, Hospitality, Shopping centers
Light source type:	LED
Module/ Lamp quantity:	1
CCT (Color temperature):	4000K - Neutral White
Light source:	LED
Lumen maintenance:	> 100000 hours
Lumen maintenance factor:	L90
CRI (Color rendering index):	> 80
Power Consumption:	Emergency Mode :2
Luminous Flux:	250
Efficacy (lm/W):	125
IP (Ingress Protection):	IP40
Insulation Class:	Class I
Max. Ambient Temperature:	+45°C
FLICKER:	-
Mains voltage:	220~240 VAC
Voltage Frequency:	50/60 Hz

M220APLED2EPN840-W

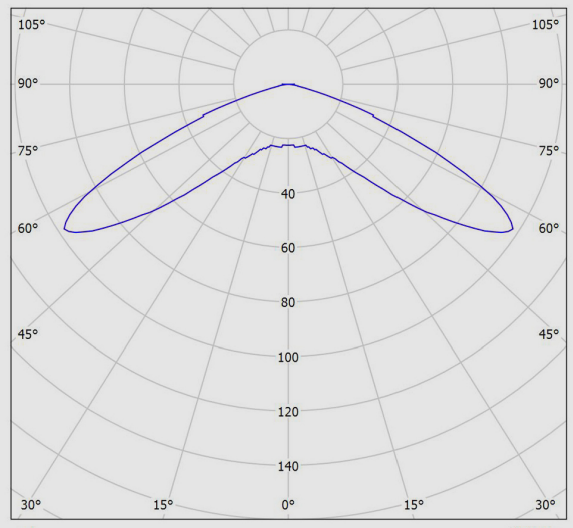
AURORA Surface Mount Emergency Light, Self Contained, Anti-panic lighting, Non-maintained, 4000K, LED2, 250 lumens, 2W, White

Battery Type:	Ni-Cd
Battery Spec:	3.6V*3*1.5Ah
Inverter/converter:	Non-maintained; 3 hour
Wire / Cable Spec:	PVC flexible wire
Wire cross section:	0.5
Terminal material:	Polycarbonate
Terminal Spec:	Tool free wire connection, 3-Pole (Size: 2.5), Cable looping is possible
Cable Looping:	Yes
Cable Gland Spec:	Polyamide
Cable gland type:	PG13.5
Body Material:	Die-Cast aluminum
Body Coating:	Powder coated
Body Color:	White
RAL:	RAL9003
Lens Material:	Clear polycarbonate
Light Distribution:	symmetric beam angle for anti-panic
Gasket Material:	silicon
Gasket Characteristic:	Resistant to pressure. Ingress protection against dust and moisture
Clamp Characteristic:	Installing the luminaire with adjustment possibility to fit different false ceiling thicknesses
Packaging type:	Nylon cover and carton
Order Option:	Addressable emergency light conversion kit (Converter) via self-contained battery, Addressable emergency light conversion kit (Converter) via central battery
Weight(Kg):	1.35
Dimensions(mm):	132X132X95
Luminaire mechanical impact resistance:	IK07

M220APLED2EPN840-W

AURORA Surface Mount Emergency Light, Self Contained, Anti-panic lighting, Non-maintained, 4000K, LED2, 250 lumens, 2W, White

Photometric Graph



Glare Evaluation According to UGR											
ρ Ceiling	70	70	50	50	30	70	70	50	50	30	
ρ Walls	50	30	50	30	30	50	30	50	30	30	
ρ 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	17.8	19.5	18.2	19.8	20.0	17.8	19.5	18.2	19.8	20.0
	3H	18.5	20.0	18.9	20.3	20.6	18.5	20.0	18.9	20.3	20.6
	4H	18.5	19.9	18.9	20.2	20.6	18.5	19.9	18.9	20.2	20.6
	6H	18.5	19.8	18.8	20.1	20.4	18.5	19.8	18.8	20.1	20.4
	8H	18.4	19.7	18.8	20.0	20.3	18.4	19.7	18.8	20.0	20.3
	12H	18.4	19.6	18.8	19.9	20.3	18.4	19.6	18.8	19.9	20.3
4H	2H	18.4	19.8	18.8	20.1	20.4	18.4	19.8	18.8	20.1	20.4
	3H	19.1	20.3	19.5	20.7	21.0	19.1	20.3	19.5	20.7	21.0
	4H	19.2	20.2	19.6	20.6	21.0	19.2	20.2	19.6	20.6	21.0
	6H	19.1	20.1	19.6	20.4	20.8	19.1	20.1	19.6	20.4	20.8
	8H	19.1	20.0	19.5	20.4	20.8	19.1	20.0	19.5	20.4	20.8
	12H	19.1	19.8	19.5	20.3	20.7	19.1	19.8	19.5	20.3	20.7
8H	4H	19.1	20.0	19.6	20.4	20.8	19.1	20.0	19.6	20.4	20.8
	6H	19.1	19.8	19.6	20.2	20.7	19.1	19.8	19.6	20.2	20.7
	8H	19.1	19.7	19.6	20.2	20.6	19.1	19.7	19.6	20.2	20.6
	12H	19.1	19.6	19.6	20.1	20.6	19.1	19.6	19.6	20.1	20.6
	4H	19.1	19.9	19.6	20.3	20.7	19.1	19.9	19.6	20.3	20.7
	6H	19.1	19.7	19.6	20.1	20.6	19.1	19.7	19.6	20.1	20.6
12H	8H	19.1	19.6	19.6	20.1	20.6	19.1	19.6	19.6	20.1	20.6
	12H	19.1	19.6	19.6	20.1	20.6	19.1	19.6	19.6	20.1	20.6
Variation of the observer position for the luminance distances S											
S = 1.0H		+0.4 / -0.3					+0.4 / -0.3				
S = 1.5H		+1.4 / -1.5					+1.4 / -1.5				
S = 2.0H		+2.1 / -3.5					+2.1 / -3.5				
Standard table		BK02					BK02				
Correction		1.6					1.6				
Summand											
Corrected Glare Indices referring to 250lm Total Luminous Flux											

Dimensional Drawing

