

## M220APLED2840-W

**AURORA surface mount emergency light with UPS, Anti-panic lighting, Non-maintained, 4000K, LED2, 250 lumens, 3W, 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:	M220APLED2840-W
Application:	Hypermarket, Emergency, Industrial area, Gallery and museum, Sports area, Office, Hospitality, Shopping centers
Application consideration:	suitable Only for Indoor
Light source type:	LED
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 :3
Luminous Flux:	250
Efficacy (lm/W):	83
IP (Ingress Protection):	IP65
Insulation Class:	Class I
Max. Ambient Temperature:	45
Ballast/ Driver:	Constant Current Driver (PF> 0.9)
FLICKER:	Flicker Free
Ballast/ driver Spec:	Non-dimmable
Ballast/ Driver (Channel quantity):	Single channel

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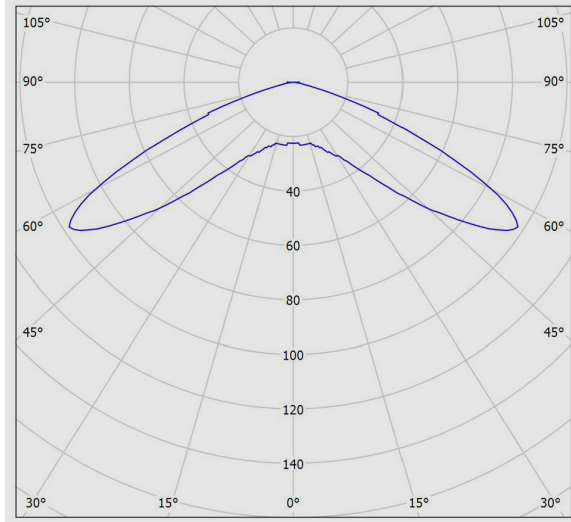
### AURORA surface mount emergency light with UPS, Anti-panic lighting, Non-maintained, 4000K, LED2, 250 lumens, 3W, White

Mains voltage:	176~275 VDC, 90~264 VAC
Voltage Frequency:	50~60 Hz ; 0 (DC)
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 central battery, Addressable emergency light conversion kit (Converter) via self-contained battery
Weight(Kg):	1.15
Dimensions(mm):	132X132X95
Luminaire mechanical impact resistance:	IK07

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### 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
4H	12H	18.4	19.6	18.8	19.9	20.3	18.4	19.6	18.8	19.9	20.3
	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	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
	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	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
	8H	19.1	19.6	19.6	20.1	20.6	19.1	19.6	19.6	20.1	20.6
	8H	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 luminaires 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 Summand	1.6					1.6					
Corrected Glare Indices referring to 250lm Total Luminous Flux											

### Dimensional Drawing

