

## M440E200LED2AF-W

**INFINITY-E surface mount/suspended continuous light bar, Satin white Acrylic diffuser, Length: 200cm, 4000K, LED2, 6200 Lumens, 54W, White**



### About Product

INFINITY-E surface mount/suspended continuous light bar is Mazinoor state of the art design suitable for continuous light bar applications. Aesthetically beautiful design, uniform light distribution, energy saving, and glare control are among the highlights of this luminaire.



### Technical Information

Luminaire Name:	INFINITY-E
Catalog Code/product code:	M440E200LED2AF-W
Mounting Type:	Recessed-Gypsum false ceiling, Suspended, Surface Mounted, Wall mounting with bracket
Application:	Office, Shopping centers, Hypermarket, Hospitality, Gallery and museum
Light source type:	LED
Module/ Lamp quantity:	4
CCT (Color temperature):	4000K - Neutral White
Light source:	LED
Lumen maintenance:	> 60.000 hours
Lumen maintenance factor:	L70
CRI (Color rendering index):	> 80
Power Consumption:	54
Luminous Flux:	6200
Efficacy (lm/W):	115
IP (Ingress Protection):	-
Insulation Class:	Class I
Ballast/ Driver:	Constant Current Driver (PF> 0.9)
FLICKER:	Flicker Free
Ballast/ driver Spec:	Non-dimmable
Control method options:	On/Off, DALI, Push

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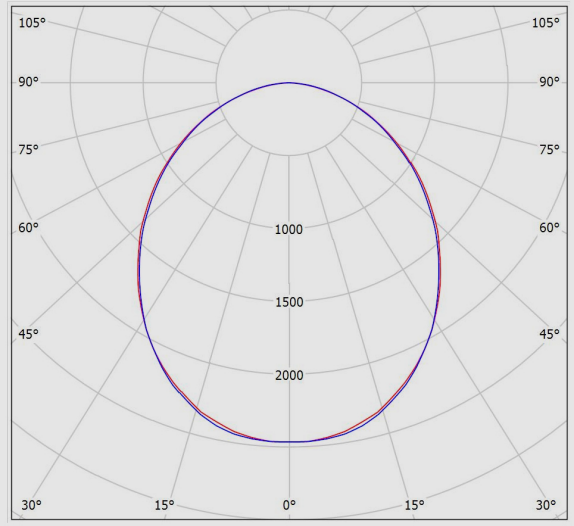
Ballast/ Driver (Channel quantity): Single channel

Mains voltage:	220~240 VAC±10%
Voltage Frequency:	50/60 Hz
Wire / Cable Spec:	PVC solid wire
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
Body Material:	Extruded aluminum profile
Body Coating:	Powder coated
Body Color:	White
RAL:	RAL9003
End Caps Material:	Die-Cast aluminum
Diffuser/Glass Material:	Satin white PMMA (Acrylic) extruded profile diffuser
Diffuser/Glass Shape:	Satin white
Diffuser/Glass Characteristic:	UV stabilized, Uniform light distribution, High efficiency, Resistant to scratches
Light Distribution:	Uniform light distribution
Packaging type:	Nylon cover and carton
Other Characteristics:	Mounting clamps included
Weight(Kg):	6.5
Dimensions(mm):	1985x63x88
Order Option (Routine option):	Body color in silver, Body color in black, Dimmable DALI PUSH driver

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Photometric Graph



Glare Evaluation According to UGR												
		70	70	50	50	30	70	70	50	50	30	30
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	18.5	19.7	18.7	20.0	20.2	20.1	21.4	20.4	21.6	21.8	
	3H	19.4	20.5	19.7	20.8	21.1	21.4	22.6	21.8	22.9	23.1	
	4H	19.7	20.7	20.0	21.0	21.3	22.0	23.0	22.3	23.3	23.6	
	6H	19.8	20.8	20.1	21.1	21.4	22.3	23.3	22.7	23.6	23.9	
	8H	19.8	20.8	20.2	21.1	21.4	22.4	23.4	22.8	23.7	24.0	
4H	12H	19.8	20.7	20.1	21.0	21.4	22.5	23.4	22.8	23.7	24.1	
	2H	19.0	20.1	19.4	20.4	20.7	20.4	21.5	20.7	21.7	22.0	
	3H	20.1	21.0	20.5	21.4	21.7	21.8	22.8	22.2	23.1	23.4	
	4H	20.5	21.3	20.9	21.7	22.0	22.5	23.3	22.8	23.6	24.0	
	6H	20.7	21.4	21.1	21.8	22.2	22.9	23.6	23.3	24.0	24.4	
6H	8H	20.7	21.4	21.1	21.8	22.2	23.0	23.7	23.5	24.1	24.5	
	12H	20.7	21.3	21.2	21.7	22.1	23.1	23.7	23.6	24.1	24.5	
	4H	20.7	21.3	21.1	21.7	22.1	22.5	23.2	22.9	23.6	24.0	
	6H	20.9	21.5	21.4	21.9	22.4	23.0	23.6	23.5	24.0	24.4	
	8H	21.0	21.5	21.5	21.9	22.4	23.2	23.7	23.7	24.1	24.6	
12H	12H	21.0	21.4	21.5	21.9	22.4	23.3	23.7	23.8	24.2	24.7	
	4H	20.7	21.3	21.1	21.7	22.1	22.5	23.1	22.9	23.5	23.9	
	6H	21.0	21.4	21.4	21.9	22.4	23.0	23.5	23.5	23.9	24.4	
	8H	21.0	21.4	21.5	21.9	22.4	23.2	23.6	23.7	24.1	24.6	
Variation of the observer position for the luminaire distances S												
S = 1.0H		+0.2 / -0.3					+0.1 / -0.2					
S = 1.5H		+0.4 / -0.8					+0.5 / -0.6					
S = 2.0H		+0.9 / -1.5					+1.1 / -1.3					
Standard table		BK03					BK05					
Correction Summand		3.1					6.2					
Corrected Glare Indices referring to 6200lm Total Luminous Flux												

Dimensional Drawing

