

M440C115LED2AF-W

INFINITY-C surface mount/suspended continuous light bar, Satin white Acrylic diffuser, Length: 115cm, 4000K, LED2, 3600 Lumens, 31W, White



About Product

INFINITY-C 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

Catalogue Code/product code:	M440C115LED2AF-W
Mounting Type:	Recessed-Gypsum false ceiling, Suspended, Surface Mounted, Wall mounting with bracket
Application:	Hypermarket, Hospitality, Gallery and museum, Office, Shopping centers
Light source type:	LED
Module/ Lamp quantity:	2
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:	31
Luminous Flux:	3600
Efficacy (lm/W):	116
IP (Ingress Protection):	-
Insulation Class:	Class I
Ballast/ Driver:	Constant Current Driver (PF> 0.9)
FLICKER:	Flicker Free
Ballast/ driver Spec:	Non-dimmable

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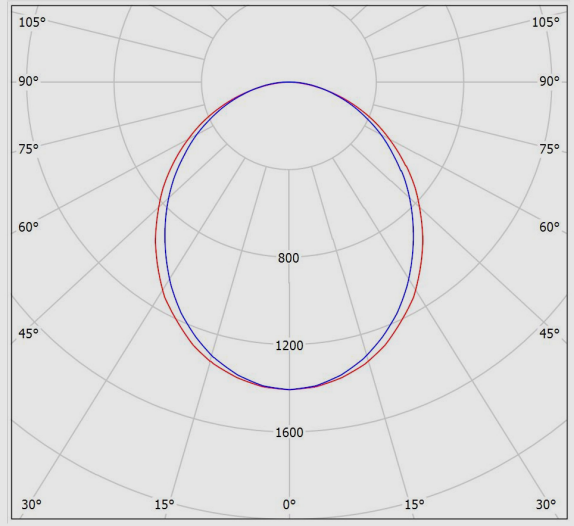
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Control method options:	DALI, Push, On/Off
Ballast/ Driver (Channel quantity):	Single channel
Mains voltage:	220~240 VAC±10%
Voltage Frequency:	50/60 Hz
Wire / Cable Spec:	PVC solid wire
Wire cross section:	0.5
Terminal material:	Polycarbonate
Terminal Spec:	Tool free wire connection. Cable looping is possible, 3-Pole (Size: 2.5)
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:	High efficiency, Resistant to scratches, UV stabilized, Uniform light distribution
Light Distribution:	Uniform light distribution
Packaging type:	Nylon cover and carton
Order Option:	Body color in silver, Body color in black, Dimmable DALI PUSH driver, Emergency battery
Other Characteristics:	Mounting clamps included
Weight(Kg):	4.5
Dimensions(mm):	1140x88x96

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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	16.8	18.1	17.1	18.3	18.6	18.1	19.4	18.4	19.6	19.8	
	3H	17.8	19.0	18.2	19.3	19.5	19.5	20.7	19.8	20.9	21.2	
	4H	18.2	19.3	18.5	19.6	19.8	20.1	21.2	20.4	21.4	21.7	
	6H	18.3	19.4	18.7	19.7	20.0	20.5	21.5	20.8	21.8	22.1	
	8H	18.4	19.4	18.7	19.7	20.0	20.6	21.6	21.0	21.9	22.2	
	12H	18.4	19.3	18.7	19.6	20.0	20.7	21.6	21.1	22.0	22.3	
4H	2H	17.4	18.5	17.7	18.8	19.0	18.4	19.5	18.8	19.8	20.1	
	3H	18.6	19.5	18.9	19.8	20.2	20.0	20.9	20.3	21.2	21.6	
	4H	19.0	19.8	19.4	20.2	20.6	20.6	21.5	21.0	21.8	22.2	
	6H	19.2	20.0	19.7	20.4	20.8	21.1	21.9	21.6	22.3	22.6	
	8H	19.3	20.0	19.7	20.4	20.8	21.3	22.0	21.8	22.4	22.8	
	12H	19.3	19.9	19.8	20.3	20.8	21.4	22.1	21.9	22.5	22.9	
6H	4H	19.2	19.9	19.6	20.3	20.7	20.7	21.4	21.2	21.8	22.2	
	6H	19.5	20.1	20.0	20.5	21.0	21.3	21.9	21.8	22.3	22.8	
	8H	19.6	20.1	20.1	20.6	21.0	21.5	22.0	22.0	22.5	23.0	
	12H	19.7	20.1	20.2	20.6	21.1	21.7	22.1	22.2	22.6	23.1	
	4H	19.2	19.8	19.7	20.2	20.7	20.7	21.3	21.2	21.7	22.2	
	6H	19.6	20.1	20.1	20.5	21.0	21.3	21.8	21.8	22.2	22.7	
12H	8H	19.7	20.1	20.2	20.6	21.1	21.6	22.0	22.0	22.4	22.9	
	12H	19.7	20.1	20.2	20.6	21.1	21.6	22.0	22.0	22.4	22.9	
Variation of the observer position for the luminaire distances S												
S = 1.0H		+0.2 / -0.3					+0.1 / -0.1					
S = 1.5H		+0.4 / -0.7					+0.3 / -0.4					
S = 2.0H		+0.7 / -1.2					+0.9 / -1.0					
Standard table		BK04					BK05					
Correction Summand		2.1					4.4					
Corrected Glare Indices referring to 3600lm Total Luminous Flux												

Dimensional Drawing

