Mazinoor
Different Experience Beyond Illumination

M440E200LED2AF-W

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

| PUSH | ON/OFF | DALI | Flicker Free | RAL 9003 | ECG | LOOPING | | | | | | 4000K | LED |

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:	Surface Mounted، Wall mounting with bracket، Recessed-Gypsum false ceiling، Suspended
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

M440E200LED2AF-W

INFINITY-E surface mount/suspended continuous light bar, Satin white Acrylic diffuser, Length: 200cm, 4000K, LED2, 6200 Lumens, 54W, White
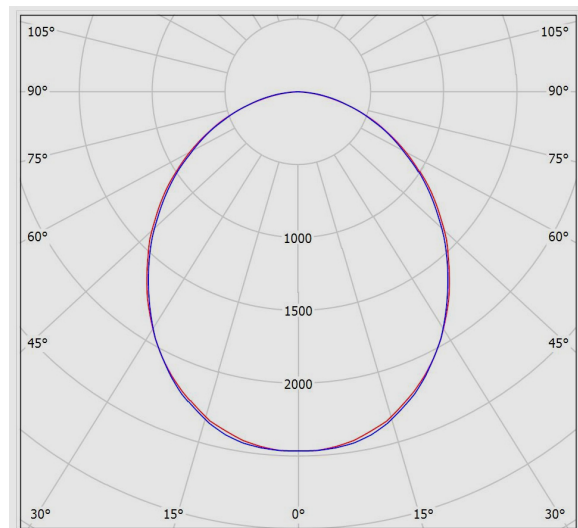
Ballast/ Driver (Channel quantity):	Single channel
Mains voltage:	220~240 VAC±10%
Voltage Frequency:	50/60 Hz
Wire / Cable Spec:	PVC solid wire
Wire cross section:	0.5
Terminal material:	Polycarbonate
Terminal Spec:	Tool free wire connection, Cable looping is possible, 3-Pole (Size: 2.5)
Cable Looping:	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
Other Characteristics:	Mounting clamps included
Weight(Kg):	6.5
Dimensions(mm):	1985x63x88
Order Option (Routine option):	Dimmable DALI PUSH driver, 3000K color temperature, Body color in silver, Body color in black

M440E200LED2AF-W

INFINITY-E surface mount/suspended continuous light bar, Satin white Acrylic diffuser, Length: 200cm, 4000K, LED2, 6200 Lumens, 54W, 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	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
	12H	19.8	20.7	20.1	21.0	21.4	22.5	23.4	22.8	23.7	24.1
4H	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
	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
8H	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	21.0	21.4	21.5	21.9	22.4	23.3	23.7	23.8	24.2	24.7
12H	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