

M324SLED2LU840-W

ELEGANCE surface mount/suspend luminaire (60*60), Low UGR diffuser, 4000K, LED2, 4800 Lumens, 33W, White



About Product

ELEGANCE surface mount/suspended luminaire is designed and manufactured by Mazinoor for modern office and commercial lighting applications. Uniform light distribution, energy saving, glare control, and aesthetically beautiful and minimal design are among the highlights of this luminaire.



Technical Information

Catalogue Code/product code:	M324SLED2LU840-W
Application:	Hospitality, Gallery and museum, Office, Shopping centers, Hypermarket
Light source type:	LED
CCT (Color temperature):	4000K - Neutral White
Light source:	LED
Lumen maintenance:	>100.000h
Lumen maintenance factor:	L80
CRI (Color rendering index):	> 80
Power Consumption:	33
Luminous Flux:	4800
Efficacy (lm/W):	145
IP (Ingress Protection):	IP40
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
Ballast/ Driver (Channel quantity):	Single channel
Mains voltage:	220~240 VAC±10%
Voltage Frequency:	50/60 Hz ; 0 (DC)

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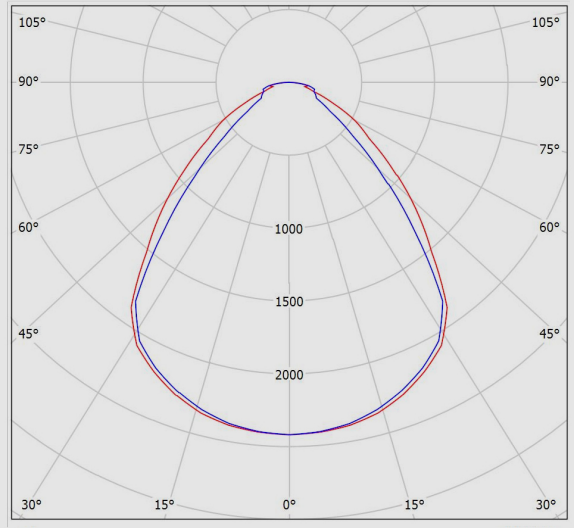
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Body Material:	Cold rolled steel sheet and aluminum profiles together
Body Coating:	Powder coated
Body Color:	White
RAL:	RAL9003
Diffuser/Glass Material:	Polystyrene sheet
Diffuser/Glass Shape:	fine prisms
Diffuser/Glass Characteristic:	UGR<19, Uniform and symmetrical light distribution, Glare control
Light Distribution:	Uniform light distribution
Bracket Material:	Extruded aluminum profile
Packaging type:	Nylon cover and carton
Order Option:	Dimmable DALI PUSH driver
Weight(Kg):	4.2
Dimensions(mm):	597x597x50
Other/Spare parts:	5x50 screws (4 pcs.), Wall plugs, Installation template

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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	15.0	16.1	15.3	16.3	16.5	15.0	16.1	15.3	16.3	16.6		
	3H	15.8	16.8	16.1	17.1	17.3	15.7	16.7	16.0	16.9	17.2		
	4H	16.2	17.1	16.5	17.3	17.6	16.2	17.1	16.5	17.4	17.6		
	6H	16.5	17.3	16.9	17.6	17.9	16.7	17.5	17.0	17.8	18.1		
	8H	16.7	17.5	17.0	17.8	18.1	16.8	17.6	17.2	18.0	18.3		
	12H	16.8	17.6	17.2	17.9	18.3	16.9	17.7	17.3	18.0	18.4		
4H	2H	15.3	16.2	15.6	16.4	16.7	15.3	16.2	15.6	16.5	16.7		
	3H	16.3	17.1	16.7	17.4	17.7	16.1	16.9	16.5	17.2	17.5		
	4H	16.8	17.5	17.2	17.9	18.2	16.7	17.4	17.1	17.7	18.1		
	6H	17.4	18.0	17.8	18.3	18.7	17.3	17.9	17.7	18.3	18.7		
	8H	17.6	18.2	18.1	18.6	19.0	17.6	18.1	18.0	18.5	18.9		
	12H	17.8	18.3	18.3	18.7	19.1	17.7	18.2	18.2	18.6	19.0		
8H	4H	17.1	17.6	17.5	18.0	18.4	16.9	17.5	17.3	17.8	18.3		
	6H	17.8	18.2	18.3	18.7	19.1	17.7	18.1	18.1	18.6	19.0		
	8H	18.2	18.5	18.6	19.0	19.5	18.0	18.4	18.5	18.8	19.3		
	12H	18.4	18.7	18.9	19.2	19.7	18.2	18.6	18.7	19.0	19.5		
12H	4H	17.1	17.6	17.5	18.0	18.4	17.0	17.4	17.4	17.8	18.3		
	6H	17.9	18.3	18.3	18.7	19.2	17.8	18.1	18.2	18.6	19.1		
	8H	18.3	18.6	18.7	19.0	19.5	18.1	18.4	18.6	18.9	19.4		
Variation of the observer position for the luminaire distances S													
S = 1.0H		+0.4 / -0.6						+0.4 / -0.6					
S = 1.5H		+1.1 / -1.2						+0.8 / -1.3					
S = 2.0H		+1.9 / -1.3						+1.5 / -1.6					
Standard table		BK04						BK04					
Correction Summand		0.2						0.1					
Corrected Glare Indices referring to 4800lm Total Luminous Flux													

Dimensional Drawing

