

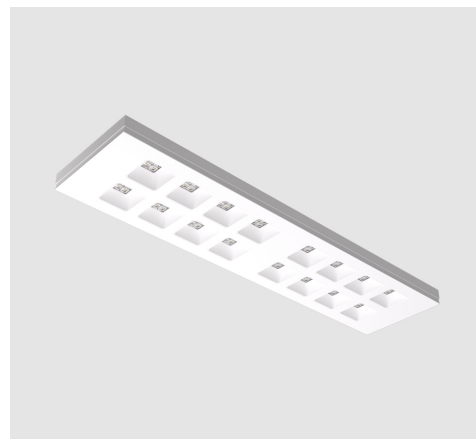
M634RLED4840-W

BRILLIANCE surface mount Low UGR luminaire (30*120), White shader, 4000K, LED4, 6500 Lumens, 48W, White



About Product

BRILLIANCE surface mount/suspended Low UGR luminaire is designed and manufactured by Mazinoor for modern office and commercial lighting applications. Aesthetically beautiful design, uniform light distribution, energy saving, and excellent glare control are among the highlights of this luminaire.



Technical Information

Catalogue Code/product code:	M634RLED4840-W
Mounting Type:	Suspended, Surface Mounted
Application:	Office, Shopping centers, Hospitality, Gallery and museum
Light source type:	LED
Module/ Lamp quantity:	4
CCT (Color temperature):	4000K - Neutral White
Light source:	LED
Lumen maintenance:	> 100.000 hours
Lumen maintenance factor:	L70
CRI (Color rendering index):	> 80
Power Consumption:	48
Luminous Flux:	6500
Efficacy (lm/W):	135
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:	Push, On/Off, DALI
Ballast/ Driver (Channel quantity):	Single channel

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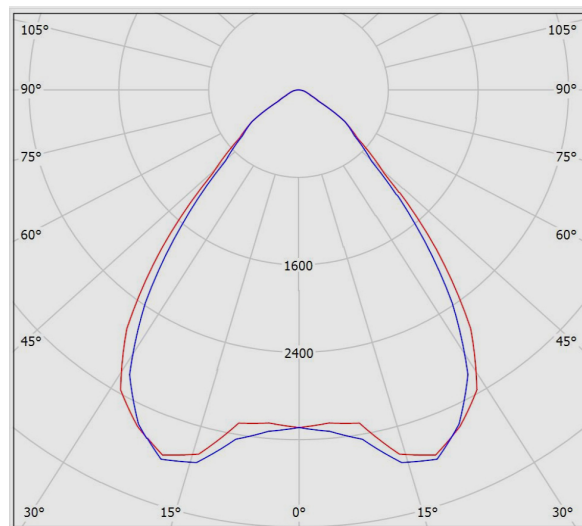
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Mains voltage:	220~240 VAC±10%
Voltage Frequency:	50/60 Hz
Wire / Cable Spec:	PVC solid wire
Wire cross section:	0.5
Terminal material:	Polycarbonate
Terminal Spec:	Tool free wire connection. Cable looping is possible, 3-Pole (Size: 2.5)
Body Material:	Steel sheet
Body Coating:	Powder coated
Body Color:	White
RAL:	RAL9003
Lens Material:	Clear polycarbonate
Light Distribution:	Uniform light distribution
Bracket Material:	Extruded aluminum profile
Packaging type:	Nylon cover and carton
Order Option:	Dimmable driver, Emergency battery
Other Characteristics:	Tool free installation and mains connection via terminal access door on the back side of the luminaire
Weight(Kg):	5.7
Dimensions(mm):	1195x295x50

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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	16.1	17.0	16.3	17.3	17.5	15.7	16.7	16.0	16.9	17.1	17.1
	3H	16.1	16.9	16.4	17.2	17.4	15.7	16.6	16.0	16.8	17.1	17.1
	4H	16.0	16.9	16.4	17.1	17.4	15.7	16.5	16.0	16.8	17.0	17.0
	6H	16.0	16.8	16.4	17.1	17.4	15.7	16.4	16.0	16.7	17.0	17.0
	8H	16.0	16.7	16.4	17.0	17.3	15.7	16.4	16.0	16.7	17.0	17.0
4H	12H	16.0	16.7	16.4	17.0	17.3	15.6	16.3	16.0	16.6	17.0	17.0
	2H	16.1	16.9	16.4	17.2	17.4	15.7	16.6	16.1	16.8	17.1	17.1
	3H	16.1	16.8	16.5	17.1	17.4	15.8	16.5	16.1	16.8	17.1	17.1
	4H	16.1	16.7	16.5	17.1	17.4	15.8	16.4	16.2	16.7	17.1	17.1
	6H	16.2	16.7	16.6	17.0	17.4	15.8	16.3	16.2	16.7	17.1	17.1
8H	8H	16.2	16.6	16.6	17.0	17.4	15.8	16.3	16.3	16.7	17.1	17.1
	12H	16.2	16.6	16.6	17.0	17.4	15.8	16.3	16.3	16.7	17.1	17.1
	4H	16.1	16.5	16.5	16.9	17.3	15.8	16.2	16.2	16.6	17.0	17.0
	6H	16.1	16.5	16.6	16.9	17.4	15.8	16.2	16.3	16.6	17.1	17.1
	8H	16.2	16.5	16.6	16.9	17.4	15.9	16.2	16.3	16.6	17.1	17.1
12H	12H	16.2	16.5	16.7	16.9	17.4	15.9	16.1	16.4	16.6	17.1	17.1
	4H	16.1	16.5	16.5	16.9	17.3	15.7	16.1	16.2	16.5	17.0	17.0
	6H	16.1	16.4	16.6	16.9	17.4	15.8	16.1	16.3	16.6	17.0	17.0
	8H	16.2	16.4	16.6	16.9	17.4	15.8	16.1	16.3	16.6	17.0	17.0
Variation of the observer position for the luminaire distances S												
S = 1.0H		+1.5 / -2.4					+1.6 / -2.2					
S = 1.5H		+2.3 / -4.9					+2.5 / -4.9					
S = 2.0H		+3.9 / -5.9					+4.0 / -5.9					
Standard table		BK01					BK01					
Correction Summand		-1.8					-2.1					
Corrected Glare Indices referring to 6500lm Total Luminous Flux												

Dimensional Drawing

