

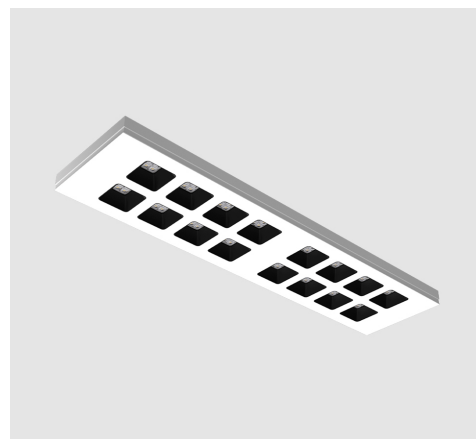
M634RBLED2840-W

BRILLIANCE surface mount Low UGR luminaire (30*120), Black shader, 4000K, LED2, 3900 Lumens, 33W, 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:	M634RBLED2840-W
Mounting Type:	Surface Mounted, Recessed-Exposed false ceiling, Recessed-Gypsum false ceiling, Suspended
Application:	Hospitality, Gallery and museum, Office, Shopping centers
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:	33
Luminous Flux:	3900
Efficacy (lm/W):	118
IP (Ingress Protection):	IP40
Insulation Class:	Class I
Max. Ambient Temperature:	40
Ballast/ Driver:	Constant Current Driver (PF> 0.9)
FLICKER:	Flicker Free

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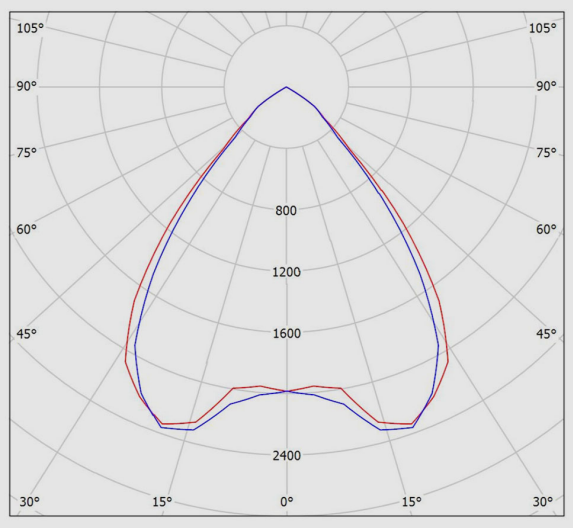
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Ballast/ driver Spec:	Non-dimmable
Control method options:	DALI, Push, On/Off
Ballast/ Driver (Channel quantity):	Single channel
Mains voltage:	220~240 VAC±10%
Voltage Frequency:	50/60 Hz
Wire / Cable Spec:	PVC solid wire
Wire cross section:	0.5
Terminal material:	Polycarbonate
Terminal Spec:	Cable looping is possible, 3-Pole (Size: 2.5), Tool free wire connection
Cable Looping:	Yes
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
Luminaire mechanical impact resistance:	-

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Photometric Graph



Glare Evaluation According to UGR												
p Ceiling	70	70	50	50	30	70	70	50	50	30		
p Walls	50	30	50	30	30	50	30	50	30	30		
p 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	14.0	14.9	14.2	15.1	15.3	13.5	14.4	13.8	14.6	14.9	
	3H	13.8	14.6	14.1	14.9	15.1	13.4	14.2	13.7	14.4	14.7	
	4H	13.8	14.5	14.1	14.8	15.0	13.3	14.1	13.6	14.3	14.6	
	6H	13.7	14.4	14.0	14.6	14.9	13.3	13.9	13.6	14.2	14.5	
	8H	13.6	14.3	14.0	14.6	14.9	13.2	13.9	13.6	14.2	14.5	
	12H	13.6	14.2	14.0	14.5	14.8	13.2	13.8	13.5	14.1	14.4	
4H	2H	13.8	14.6	14.2	14.8	15.1	13.4	14.2	13.7	14.4	14.7	
	3H	13.7	14.3	14.0	14.6	14.9	13.3	13.9	13.6	14.2	14.5	
	4H	13.6	14.2	14.0	14.5	14.8	13.2	13.8	13.6	14.1	14.4	
	6H	13.6	14.0	14.0	14.4	14.8	13.1	13.6	13.6	14.0	14.3	
	8H	13.5	13.9	13.9	14.3	14.7	13.1	13.5	13.5	13.9	14.3	
	12H	13.5	13.8	13.9	14.2	14.7	13.1	13.4	13.5	13.8	14.3	
8H	4H	13.5	13.9	13.9	14.3	14.7	13.1	13.5	13.5	13.9	14.3	
	6H	13.4	13.8	13.9	14.2	14.6	13.0	13.3	13.5	13.8	14.2	
	8H	13.4	13.7	13.9	14.1	14.6	13.0	13.3	13.4	13.7	14.2	
	12H	13.3	13.6	13.8	14.0	14.5	12.9	13.2	13.4	13.6	14.1	
	4H	13.5	13.8	13.9	14.2	14.7	13.1	13.4	13.5	13.8	14.3	
	6H	13.4	13.7	13.9	14.1	14.6	13.0	13.3	13.4	13.7	14.2	
12H	4H	13.5	13.8	13.9	14.2	14.7	13.1	13.4	13.5	13.8	14.3	
	6H	13.4	13.7	13.9	14.1	14.6	13.0	13.3	13.4	13.7	14.2	
	8H	13.3	13.6	13.8	14.0	14.5	12.9	13.2	13.4	13.6	14.1	
	4H	13.5	13.8	13.9	14.2	14.7	13.1	13.4	13.5	13.8	14.3	
	6H	13.4	13.7	13.9	14.1	14.6	13.0	13.3	13.4	13.7	14.2	
	8H	13.3	13.6	13.8	14.0	14.5	12.9	13.2	13.4	13.6	14.1	
Variation of the observer position for the luminaire distances S												
S = 1.0H		+2.2 / -5.1					+2.5 / -5.0					
S = 1.5H		+3.4 / -19.4					+3.7 / -21.2					
S = 2.0H		+5.2 / -35.5					+5.5 / -89.5					
Standard table		BK00					BK00					
Correction		-4.6					-5.0					
Summand												

Dimensional Drawing

