

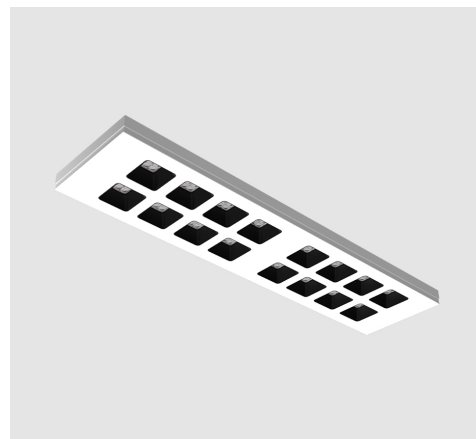
M634RBLED6840-W

BRILLIANCE surface mount Low UGR luminaire (30*120), Black shader, 4000K, LED6, 7000 Lumens, 65W, 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:	M634RBLED6840-W
Mounting Type:	Recessed-Exposed false ceiling, Surface Mounted, Recessed-Gypsum false ceiling, Suspended
Application:	Gallery and museum, Office, Shopping centers, Hospitality
Light source type:	LED
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:	65
Luminous Flux:	7000
Efficacy (lm/W):	131
IP (Ingress Protection):	IP40
Insulation Class:	Class I
Ballast/ Driver:	Constant Current Driver (PF> 0.9)
FLICKER:	Flicker Free
Ballast/ driver Spec:	Non-dimmable
Ballast/ Driver (Channel quantity):	Single channel
Mains voltage:	220~240 VAC±10%

M634RBLED6840-W

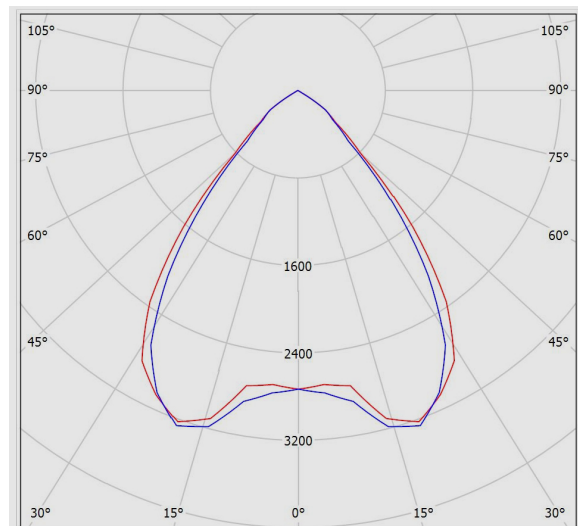
BRILLIANCE surface mount Low UGR luminaire (30*120), Black shader, 4000K, LED6, 7000 Lumens, 65W, White

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:	Emergency battery, Dimmable driver
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

M634RBLED6840-W

BRILLIANCE surface mount Low UGR luminaire (30*120), Black shader, 4000K, LED6, 7000 Lumens, 65W, White

Photometric Graph



Glare Evaluation According to UGR											
Room Size		70	70	50	50	30	70	70	50	50	30
p Ceiling		50	30	50	30	30	50	30	50	30	30
p Walls		20	20	20	20	20	20	20	20	20	20
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	15.1	16.0	15.4	16.2	16.4	14.7	15.6	14.9	15.8	16.0
	3H	14.9	15.7	15.2	16.0	16.2	14.5	15.3	14.8	15.6	15.8
	4H	14.9	15.6	15.2	15.9	16.1	14.5	15.2	14.8	15.5	15.7
	6H	14.8	15.5	15.1	15.8	16.1	14.4	15.1	14.7	15.3	15.6
	8H	14.8	15.4	15.1	15.7	16.0	14.3	15.0	14.7	15.3	15.6
	12H	14.7	15.3	15.1	15.7	16.0	14.3	14.9	14.7	15.2	15.6
4H	2H	15.0	15.7	15.3	16.0	16.2	14.6	15.3	14.9	15.6	15.8
	3H	14.8	15.4	15.2	15.7	16.1	14.4	15.0	14.8	15.3	15.7
	4H	14.8	15.3	15.1	15.6	16.0	14.4	14.9	14.7	15.2	15.6
	6H	14.7	15.1	15.1	15.5	15.9	14.3	14.7	14.7	15.1	15.5
	8H	14.6	15.0	15.1	15.4	15.8	14.2	14.6	14.7	15.0	15.4
	12H	14.6	15.0	15.0	15.4	15.8	14.2	14.6	14.6	15.0	15.4
8H	4H	14.6	15.0	15.1	15.4	15.8	14.2	14.6	14.7	15.0	15.4
	6H	14.6	14.9	15.0	15.3	15.7	14.2	14.5	14.6	14.9	15.3
	8H	14.5	14.8	15.0	15.2	15.7	14.1	14.4	14.6	14.8	15.3
	12H	14.5	14.7	14.9	15.2	15.7	14.1	14.3	14.5	14.8	15.3
	4H	14.6	15.0	15.0	15.4	15.8	14.2	14.6	14.6	15.0	15.4
	6H	14.5	14.8	15.0	15.2	15.7	14.1	14.4	14.6	14.8	15.3
12H	4H	14.6	15.0	15.0	15.4	15.8	14.2	14.6	14.6	15.0	15.4
	6H	14.5	14.8	15.0	15.2	15.7	14.1	14.4	14.6	14.8	15.3
8H	14.5	14.7	14.9	15.2	15.7	14.1	14.3	14.5	14.8	15.3	
Variation of the observer position for the luminaire distances S											
S = 1.0H		+2.1 / -5.1					+2.5 / -4.9				
S = 1.5H		+3.3 / -19.2					+3.7 / -20.8				
S = 2.0H		+5.2 / -38.1					+5.5 / -37.7				
Standard table		BK00					BK00				
Correction Summand		-3.5					-3.9				
Corrected Glare Indices referring to 5400lm Total Luminous Flux											

Dimensional Drawing

