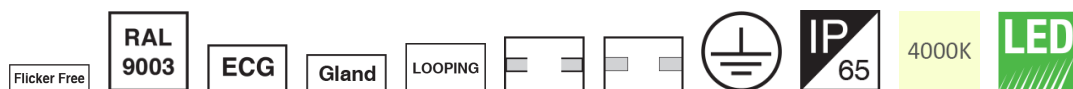


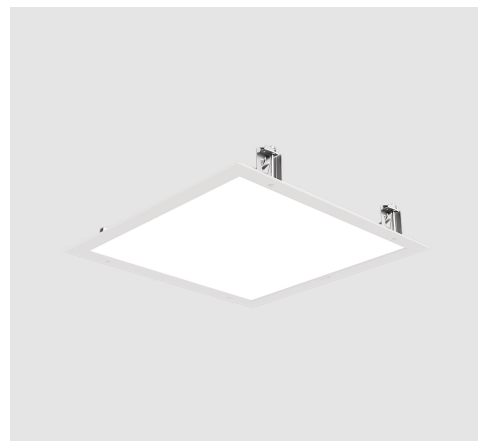
M442SRMSLED2840-W

SEALUX MRT recessed luminaire (60*60), Matt tempered glass, 4000K, LED2, 4900 Lumens, 43W, with Rim, White



About Product

SEALUX MRT recessed luminaire is Mazinoor state of the art design for mass rapid transit suitable for installing in various parts of subway stations. Sturdy body, flexibility of installation, ease of maintenance, vibration and shock resistance, and high ingress protection (IP65) are among the highlights of this luminaire.



Technical Information

Catalogue Code/product code:	M442SRMSLED2840-W
Mounting Type:	Recessed-Gypsum false ceiling, Recessed-Sandwich panel false ceiling
Application:	Subway, Industrial area
Light source type:	LED
Module/ Lamp quantity:	6
CCT (Color temperature):	4000K - Neutral White
Light source:	LED
Lumen maintenance:	> 100000 hours
Lumen maintenance factor:	L80
CRI (Color rendering index):	> 80
Power Consumption:	43
Luminous Flux:	4900
Efficacy (lm/W):	114
IP (Ingress Protection):	IP65
Insulation Class:	Class I
Max. Ambient Temperature:	+40°C
Min. Ambient Temperature:	-20°C
Ballast/ Driver:	Constant Current Driver (PF> 0.9)
FLICKER:	Flicker Free
Ballast/ driver Spec:	short-circuit protection, Non-dimmable

M442SRMSLED2840-W

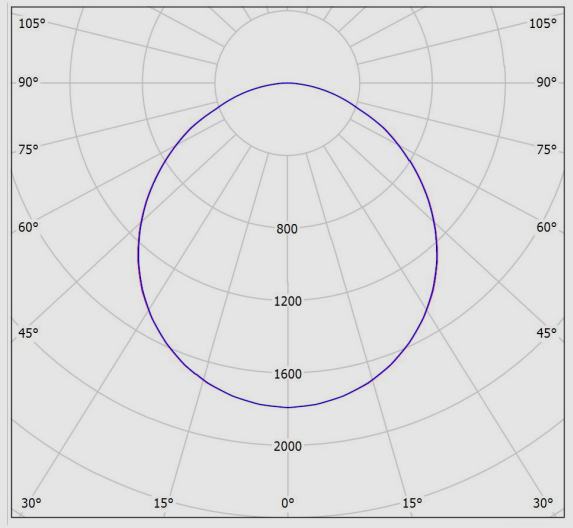
SEALUX MRT recessed luminaire (60*60), Matt tempered glass, 4000K, LED2, 4900 Lumens, 43W, with Rim, White

Ballast/ Driver (Channel quantity):	Single channel
Mains voltage:	220~240 VAC±10%
Voltage Frequency:	50/60 Hz
Wire / Cable Spec:	GF silicon solid wire
Wire cross section:	0.5
Terminal material:	Porcelain
Terminal Spec:	3-Pole (Size: 2.5)
Cable Looping:	Yes
Cable Gland Spec:	Brass
Cable gland type:	PG13.5
Body Material:	Steel sheet
Body Coating:	Powder coated
Body Color:	White
RAL:	RAL9003
Diffuser/Glass Material:	Tempered glass
Diffuser/Glass Shape:	Matt
Diffuser/Glass Characteristic:	4mm thickness. Uniform light distribution
Light Distribution:	Wide
Gasket Material:	silicon
Gasket Characteristic:	Ingress protection against dust and moisture
Clamp Material:	Galvanized steel sheet
Clamp Characteristic:	Rotational system for mounting in ceilings with different thickness
Packaging type:	Nylon cover and carton
Weight(Kg):	6.5
Dimensions(mm):	622x622x110
Luminaire mechanical impact resistance:	-

M442SRMSLED2840-W

SEALUX MRT recessed luminaire (60*60), Matt tempered glass, 4000K, LED2, 4900 Lumens, 43W, with Rim, White

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	17.5	18.9	17.8	19.1	19.3	17.5	18.8	17.8	19.1	19.3	
	3H	18.9	20.1	19.2	20.4	20.6	18.9	20.1	19.2	20.3	20.6	
	4H	19.4	20.6	19.8	20.8	21.1	19.4	20.5	19.8	20.8	21.1	
	6H	19.9	20.9	20.2	21.2	21.5	19.8	20.8	20.2	21.1	21.5	
	8H	20.0	21.0	20.3	21.3	21.6	19.9	20.9	20.3	21.2	21.6	
4H	12H	20.0	21.0	20.4	21.3	21.7	20.0	20.9	20.4	21.3	21.6	
	2H	18.2	19.3	18.5	19.6	19.9	18.1	19.3	18.5	19.5	19.8	
	3H	19.7	20.7	20.1	21.0	21.3	19.7	20.6	20.1	21.0	21.3	
	4H	20.4	21.2	20.8	21.6	21.9	20.3	21.2	20.7	21.5	21.9	
	6H	20.9	21.6	21.3	22.0	22.4	20.9	21.6	21.3	22.0	22.4	
8H	8H	21.1	21.7	21.5	22.1	22.5	21.0	21.7	21.5	22.1	22.5	
	12H	21.2	21.8	21.6	22.2	22.6	21.1	21.7	21.6	22.1	22.6	
	4H	20.6	21.3	21.1	21.7	22.1	20.6	21.3	21.0	21.7	22.1	
	6H	21.3	21.8	21.7	22.3	22.7	21.2	21.8	21.7	22.2	22.7	
	8H	21.5	22.0	22.0	22.4	22.9	21.5	22.0	21.9	22.4	22.9	
12H	12H	21.7	22.1	22.2	22.6	23.1	21.6	22.0	22.1	22.5	23.0	
	4H	20.6	21.2	21.1	21.7	22.1	20.6	21.2	21.1	21.6	22.1	
	6H	21.3	21.8	21.8	22.3	22.7	21.3	21.8	21.8	22.2	22.7	
	8H	21.6	22.0	22.1	22.5	23.0	21.5	22.0	22.0	22.4	22.9	
Variation of the observer position for the luminaire distances S												
S = 1.0H		+0.1 / -0.1					+0.1 / -0.1					
S = 1.5H		+0.2 / -0.4					+0.2 / -0.4					
S = 2.0H		+0.5 / -0.8					+0.5 / -0.8					
Standard table		BK05					BK05					
Correction Summand		4.0					4.0					
Corrected Glare Indices referring to 4900lm Total Luminous Flux												

Dimensional Drawing

