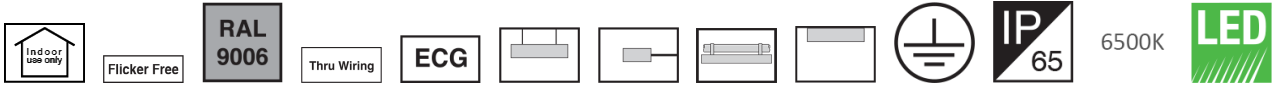


## M453L145LED4865

**LEDiSEAL dust and moisture proof linear luminaire, Matt striped diffuser, Length: 145cm, 6500K, LED4, 8700 Lumens, 64W, Silver**



### About Product

LEDiSEAL dust & moisture proof linear luminaire is Mazinoor state of the art design suitable for dusty and humid industrial areas. Aesthetically beautiful design, durability, UV free, high impact and thermal resistance, uniform light distribution, high efficacy, ease of installation, energy saving, environment friendliness, and high ingress protection (IP65) are among the highlights of this luminaire.



### Technical Information

Catalogue Code/product code:	M453L145LED4865
Mounting Type:	Surface Mounted, Wall mounting with bracket, Pipe clamp mounting, Suspended
Application:	Parking, Industrial area
Application consideration:	suitable Only for Indoor
Light source type:	LED
Module/ Lamp quantity:	3
CCT (Color temperature):	6500K - Daylight
Light source:	LED
Lumen maintenance:	> 100.000 hours
Lumen maintenance factor:	L70
CRI (Color rendering index):	> 80
Power Consumption:	64
Luminous Flux:	8700
Efficacy (lm/W):	136
IP (Ingress Protection):	IP65
Insulation Class:	Class I
Max. Ambient Temperature:	+50°C
Min. Ambient Temperature:	-30°C
Ballast/ Driver:	Constant Current Driver (PF> 0.9)
FLICKER:	Flicker Free

## M453L145LED4865

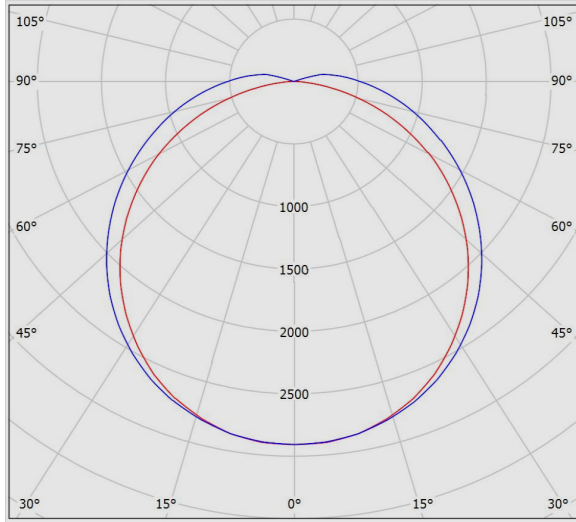
### LEDiSEAL dust and moisture proof linear luminaire, Matt striped diffuser, Length: 145cm, 6500K, LED4, 8700 Lumens, 64W, Silver

Ballast/ driver Spec:	Non-dimmable
Ballast/ Driver (Channel quantity):	Single channel
Mains voltage:	220~240 VAC±10%
Voltage Frequency:	50~60 Hz
Wire / Cable Spec:	GF PVC solid wire
Wire cross section:	0.5
Terminal material:	Polyamide
Terminal Spec:	Cable looping is possible, 3-Pole (Size: 2.5), Tool free wire connection
Cable Gland Spec:	3-Pole Polyamide Gland with terminal (Size: 2.5)
Cable gland type:	PG13.5
Body Material:	Extruded aluminum profile
Body Coating:	Powder coated
Body Color:	Silver
RAL:	RAL9006
End Caps Material:	Die-Cast aluminum
Diffuser/Glass Material:	Polycarbonate
Diffuser/Glass Shape:	Striped and matt
Diffuser/Glass Characteristic:	High efficiency, Resistant to scratches, UV stabilized, Uniform light distribution
Light Distribution:	Uniform light distribution
Gasket Material:	silicon
Gasket Characteristic:	Ingress protection against dust and moisture. Resistant to pressure
Clamp Material:	Stainless steel
Clamp Characteristic:	Easy and safe tool free installation of the luminaire
Packaging type:	Nylon cover and carton
Order Option:	Through wiring
Weight(Kg):	2.9
Dimensions(mm):	1450x86x68
Luminaire mechanical impact resistance:	IK07
Other/Spare parts:	5x50 screws (2 pcs.), Wall plugs, Surface mounting clamps, Suspension clips

**M453L145LED4865**

**LEDiSEAL dust and moisture proof linear luminaire, Matt striped diffuser, Length: 145cm, 6500K, LED4, 8700 Lumens, 64W, Silver**

**Photometric Graph**



Glare Evaluation According to UGR											
Room Size		Viewing direction at right angles to lamp axis					Viewing direction parallel to lamp axis				
X	Y	70	70	50	50	30	70	70	50	50	30
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
2H		19.8	21.1	20.1	21.4	21.7	22.2	23.5	22.6	23.8	24.2
3H		20.8	22.1	21.2	22.4	22.7	24.2	25.5	24.6	25.8	26.2
4H		21.2	22.3	21.6	22.7	23.0	25.3	26.5	25.7	26.8	27.2
6H		21.3	22.4	21.7	22.8	23.2	26.4	27.4	26.8	27.8	28.2
8H		21.3	22.4	21.8	22.8	23.2	26.9	27.9	27.3	28.3	28.7
12H		21.3	22.3	21.8	22.7	23.1	27.5	28.5	27.9	28.9	29.3
4H		20.6	21.7	21.0	22.1	22.5	22.5	23.7	22.9	24.0	24.4
3H		21.8	22.8	22.3	23.2	23.6	24.7	25.7	25.2	26.1	26.6
4H		22.3	23.2	22.7	23.6	24.0	25.9	26.8	26.4	27.2	27.7
6H		22.5	23.3	23.0	23.8	24.2	27.1	27.9	27.6	28.4	28.9
8H		22.6	23.3	23.1	23.8	24.3	27.8	28.5	28.3	29.0	29.5
12H		22.6	23.2	23.1	23.7	24.2	28.4	29.1	29.0	29.6	30.1
8H		22.8	23.5	23.3	24.0	24.5	26.0	26.8	26.5	27.2	27.7
6H		23.2	23.8	23.7	24.3	24.8	27.4	28.0	27.9	28.5	29.0
8H		23.3	23.8	23.8	24.3	24.9	28.1	28.7	28.7	29.2	29.7
12H		23.3	23.8	23.9	24.3	24.9	28.9	29.4	29.5	29.9	30.5
12H		22.9	23.6	23.4	24.0	24.6	26.0	26.7	26.5	27.2	27.7
6H		23.4	23.9	23.9	24.4	25.0	27.4	27.9	27.9	28.5	29.0
8H		23.6	24.0	24.1	24.6	25.1	28.2	28.6	28.7	29.2	29.8
Variation of the observer position for the luminaire distances S											
S = 1.0H		+0.2 / -0.2					+0.1 / -0.1				
S = 1.5H		+0.3 / -0.6					+0.3 / -0.2				
S = 2.0H		+0.5 / -1.0					+0.5 / -0.6				
Standard table		BK04					---				
Correction Summand		5.7					---				
Corrected Glare Indices referring to 9500lm Total Luminous Flux											

**Dimensional Drawing**

