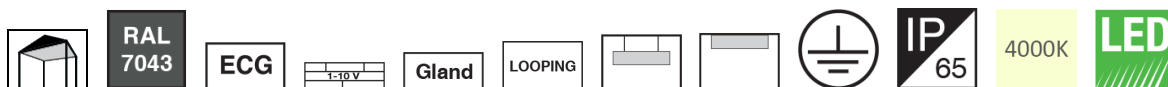


M305MWLED7840-S

BRILUX M surface mount dust & moisture proof high/low bay luminaire, Wide light distribution, 4000K, LED7, 24000 Lumens, 150W, Gray



About Product

BRILUX surface mount dust & moisture proof high/low bay luminaire is Mazinoor state of the art design suitable for industrial areas, aircraft hangars, indoor sports complexes and exhibition halls. Aesthetically beautiful design, durability, uniform light distribution, energy saving, and high ingress protection (IP65) are among the highlights of this luminaire.



Technical Information

Catalogue Code/product code:	M305MWLED7840-S
Mounting Type:	Surface Mounted. Suspended
Application:	Industrial area
Application consideration:	suitable for Indoor/Covered Outdoor
Light source type:	LED
Module/ Lamp quantity:	1
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:	150
Luminous Flux:	24000
Efficacy (lm/W):	160
IP (Ingress Protection):	IP65
Insulation Class:	Class I
Max. Ambient Temperature:	+45°C
Min. Ambient Temperature:	-30°C
Ballast/ Driver:	Constant Current Driver (PF> 0.9)
Ballast/ driver Spec:	Dimmable (1-10V)

M305MWLED7840-S

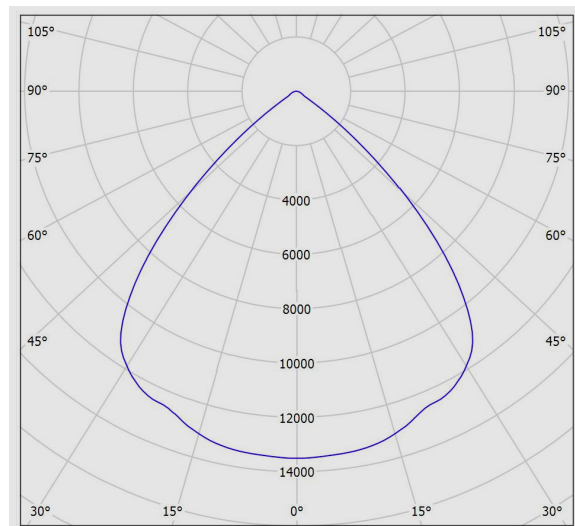
BRILUX M surface mount dust & moisture proof high/low bay luminaire, Wide light distribution, 4000K, LED7, 24000 Lumens, 150W, Gray

Ballast/ Driver (Channel quantity):	Single channel
Mains voltage:	100~277 VAC
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)
Cable Looping:	Yes
Cable Gland Spec:	Polyamide
Cable gland type:	PG13.5
Body Material:	Die-Cast aluminum
Body Coating:	Powder coated
Body Color:	Gray
RAL:	RAL7043
Lens Material:	Clear polycarbonate
Light Distribution:	90 degrees
Gasket Material:	silicon
Packaging type:	Nylon cover and carton
Weight(Kg):	4.2
Dimensions(mm):	Ø320x115
Luminaire mechanical impact resistance:	IK08

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Photometric Graph



Glare Evaluation According to UGR

		70	70	50	30	70	70	50	30
p Ceiling		50	30	50	30	50	30	50	30
p Walls		20	20	20	20	20	20	20	20
p Floor		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	27.1	28.0	27.3	28.2	28.4	27.1	28.0	27.3
	3H	27.0	27.8	27.3	28.0	28.3	27.0	27.8	27.3
	4H	26.9	27.7	27.2	27.9	28.2	26.9	27.7	27.2
	6H	26.9	27.6	27.2	27.8	28.1	26.9	27.6	27.2
	8H	26.8	27.5	27.2	27.8	28.1	26.8	27.5	27.2
4H	12H	26.8	27.4	27.2	27.7	28.1	26.8	27.4	27.2
	2H	26.9	27.7	27.2	27.9	28.2	26.9	27.7	27.2
	3H	26.8	27.4	27.2	27.7	28.1	26.8	27.4	27.2
	4H	26.8	27.3	27.2	27.7	28.0	26.8	27.3	27.2
	6H	26.7	27.2	27.1	27.6	27.9	26.7	27.2	27.1
8H	8H	26.7	27.1	27.1	27.5	27.9	26.7	27.1	27.1
	12H	26.7	27.0	27.1	27.4	27.9	26.7	27.0	27.1
	4H	26.7	27.1	27.1	27.5	27.9	26.7	27.1	27.1
	6H	26.6	27.0	27.1	27.4	27.8	26.6	27.0	27.1
	8H	26.6	26.9	27.1	27.3	27.8	26.6	26.9	27.1
12H	12H	26.6	26.8	27.1	27.3	27.8	26.6	26.8	27.1
	4H	26.6	27.0	27.1	27.4	27.8	26.6	27.0	27.1
	6H	26.6	26.9	27.1	27.3	27.8	26.6	26.9	27.1
	8H	26.6	26.8	27.1	27.3	27.8	26.6	26.8	27.1
	12H	26.6	26.8	27.1	27.3	27.8	26.6	26.8	27.1

Variation of the observer position for the luminaire distances S

S = 1.0H	+1.8 / -6.6	+1.8 / -6.6
S = 1.5H	+4.0 / -9.5	+4.0 / -9.5
S = 2.0H	+6.0 / -10.0	+6.0 / -10.0

Standard table	BK00	BK00
Correction Summand	8.6	8.6

Corrected Glare Indices referring to 24000lm Total Luminous Flux

Dimensional Drawing

