

M306LWLED9840-S

BRILUX L pendant dust & moisture proof high/low bay luminaire, Wide light distribution, 4000K, LED9, 32000 Lumens, 200W, Gray























About Product

BRILUX pendant 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

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: 200 Luminous Flux: 32000 Efficacy (Im/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)	Cataloge Code/product code:	M306LWLED9840-S
Application consideration: Light source type: LED Module/ Lamp quantity: 1 CCT (Color temperature): Light source: LED Lumen maintenance: Lumen maintenance: LT0 CRI (Color rendering index): Power Consumption: Luminous Flux: 32000 Efficacy (Im/W): If (Ingress Protection): IP65 Insulation Class: Max. Ambient Temperature: 445°C Min. Ambient Temperature: CAUONG August	Mounting Type:	Surface Mounted, Suspended
Light source type: Module/ Lamp quantity: 1 CCT (Color temperature): 4000K - Neutral White Light source: Lumen maintenance: Lumen maintenance factor: L70 CRI (Color rendering index): Power Consumption: 200 Luminous Flux: 32000 Efficacy (Im/W): 160 IP (Ingress Protection): IP65 Insulation Class: Max. Ambient Temperature: +45°C Min. Ambient Temperature: -30°C Ballast/ Driver: CCT (Color temperature): 4000K - Neutral White LED 4000K - Neutral White 100 100 100 100 100 100 100 1	Application:	Industrial area
Module/ Lamp quantity: CCT (Color temperature): Light source: LED Lumen maintenance: Lumen maintenance factor: L70 CRI (Color rendering index): Power Consumption: Luminous Flux: 32000 Efficacy (Im/W): If 00 IP (Ingress Protection): Insulation Class: Max. Ambient Temperature: H45°C Min. Ambient Temperature: Ballast/ Driver: CION (A00K - Neutral White LED 100.000 hours L70 200 200 200 CRI (Color rendering index): > 80 Power Consumption: 200 Luminous Flux: 32000 Efficacy (Im/W): If 60 IP (Ingress Protection): IP65 Insulation Class: Class I 445°C Min. Ambient Temperature: -30°C Ballast/ Driver: Constant Current Driver (PF> 0.9)	Application consideration:	suitable for Indoor/Covered Outdoor
CCT (Color temperature): Light source: LED Lumen maintenance: Lumen maintenance factor: LT0 CRI (Color rendering index): Power Consumption: 200 Luminous Flux: 32000 Efficacy (Im/W): IP (Ingress Protection): IP65 Insulation Class: Max. Ambient Temperature: +45°C Min. Ambient Temperature: -30°C Ballast/ Driver: Constant Current Driver (PF> 0.9)	Light source type:	LED
Light source: Lumen maintenance: > 100.000 hours Lumen maintenance factor: L70 CRI (Color rendering index): > 80 Power Consumption: Luminous Flux: 32000 Efficacy (Im/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)	Module/ Lamp quantity:	1
Lumen maintenance: > 100.000 hours Lumen maintenance factor: L70 CRI (Color rendering index): > 80 Power Consumption: 200 Luminous Flux: 32000 Efficacy (Im/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)	CCT (Color temperature):	4000K - Neutral White
Lumen maintenance factor: CRI (Color rendering index): > 80 Power Consumption: 200 Luminous Flux: 32000 Efficacy (Im/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)	Light source:	LED
CRI (Color rendering index): > 80 Power Consumption: 200 Luminous Flux: 32000 Efficacy (Im/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)	Lumen maintenance:	> 100.000 hours
Power Consumption: Luminous Flux: 32000 Efficacy (Im/W): 160 IP (Ingress Protection): Insulation Class: Class I Max. Ambient Temperature: +45°C Min. Ambient Temperature: -30°C Ballast/ Driver: Constant Current Driver (PF> 0.9)	Lumen maintenance factor:	L70
Luminous Flux: 32000 Efficacy (Im/W): 160 IP (Ingress Protection): Insulation Class: Class I Max. Ambient Temperature: +45°C Min. Ambient Temperature: -30°C Ballast/ Driver: Constant Current Driver (PF> 0.9)	CRI (Color rendering index):	> 80
Efficacy (Im/W): 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)	Power Consumption:	200
IP (Ingress Protection): Insulation Class: Class I Max. Ambient Temperature: +45°C Min. Ambient Temperature: -30°C Ballast/ Driver: Constant Current Driver (PF> 0.9)	Luminous Flux:	32000
Insulation Class: Class I Max. Ambient Temperature: +45°C Min. Ambient Temperature: -30°C Ballast/ Driver: Constant Current Driver (PF> 0.9)	Efficacy (lm/W):	160
Max. Ambient Temperature: +45°C Min. Ambient Temperature: -30°C Ballast/ Driver: Constant Current Driver (PF> 0.9)	IP (Ingress Protection):	IP65
Min. Ambient Temperature: -30°C Ballast/ Driver: Constant Current Driver (PF> 0.9)	Insulation Class:	Class I
Ballast/ Driver: Constant Current Driver (PF> 0.9)	Max. Ambient Temperature:	+45°C
	Min. Ambient Temperature:	-30°C
Ballast/ driver Spec: Dimmable (1-10V)	Ballast/ Driver:	Constant Current Driver (PF> 0.9)
	Ballast/ driver Spec:	Dimmable (1-10V)



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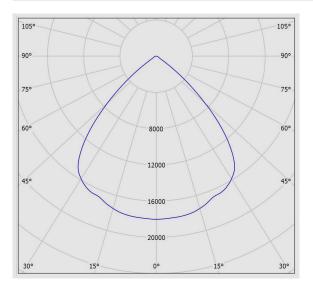
Mains voltage: 100~277 VAC Voltage Frequency: 50/60 Hz Wire / Cable Spec: PVC solid wire Wire cross section: 0.5 Terminal material: Polycarbonate Terminal Spec: Tool free wire connection. Cable looping is possible. 3-Pole (Size: 2.5) Cable Looping: Yes Cable Gland Spec: Polyamide Cable gland type: PG13.5 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): Ø360x120 Luminaire mechanical impact resistance: IK08	Ballast/ Driver (Channel quantity):	Single channel
Wire / Cable Spec: 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): Ø360x120	Mains voltage:	100~277 VAC
Wire cross section: 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): Ø360x120	Voltage Frequency:	50/60 Hz
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): Ø360x120	Wire / Cable Spec:	PVC solid wire
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): Ø360x120	Wire cross section:	0.5
Cable Looping: Cable Gland Spec: Polyamide 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): Ø360x120	Terminal material:	Polycarbonate
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): Ø360x120	Terminal Spec:	Tool free wire connection, Cable looping is possible, 3-Pole (Size: 2.5)
Cable gland type: 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): Ø360x120	Cable Looping:	Yes
Body Material: 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): Ø360x120	Cable Gland Spec:	Polyamide
Body Coating:Powder coatedBody Color:GrayRAL:RAL7043Lens Material:Clear polycarbonateLight Distribution:90 degreesGasket Material:siliconPackaging type:Nylon cover and cartonWeight(Kg):4.2Dimensions(mm):Ø360x120	Cable gland type:	PG13.5
Body Color: 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): Ø360x120	Body Material:	Die-Cast aluminum
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): Ø360x120	Body Coating:	Powder coated
Lens Material:Clear polycarbonateLight Distribution:90 degreesGasket Material:siliconPackaging type:Nylon cover and cartonWeight(Kg):4.2Dimensions(mm):Ø360x120	Body Color:	Gray
Light Distribution: 90 degrees Gasket Material: Packaging type: Nylon cover and carton Weight(Kg): 4.2 Dimensions(mm): Ø360x120	RAL:	RAL7043
Gasket Material: silicon Packaging type: Nylon cover and carton Weight(Kg): 4.2 Dimensions(mm): Ø360x120	Lens Material:	Clear polycarbonate
Packaging type: Nylon cover and carton Weight(Kg): 4.2 Dimensions(mm): Ø360x120	Light Distribution:	90 degrees
Weight(Kg): 4.2 Dimensions(mm): Ø360x120	Gasket Material:	silicon
Dimensions(mm): Ø360x120	Packaging type:	Nylon cover and carton
	Weight(Kg):	4.2
Luminaire mechanical impact resistance: IK08	Dimensions(mm):	Ø360x120
	Luminaire mechanical impact resistance:	IK08
Other/Spare parts: M6 galvanized suspension hook, M6 nut	Other/Spare parts:	M6 galvanized suspension hook, M6 nut



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Photometric Graph



Ceiling		70	70	50	50	30	70	70	50	50	30
Walls		50	30	50	30	30	50	30	50	30	30
Floor		20	20	20	20	20	20	20	20	20	20
Room :	Size	Viewing direction at right angles					Viewing direction parallel				
X	Υ		to	lamp ax	is		to lamp axis				
2H	2H	28.1	29.0	28.3	29.2	29.4	28.1	29.0	28.3	29.2	29.4
	3H	28.0	28.8	28.3	29.0	29.3	28.0	28.8	28.3	29.0	29.3
	4H	27.9	28.7	28.2	28.9	29.2	27.9	28.7	28.2	28.9	29.2
	6H	27.9	28.6	28.2	28.8	29.1	27.9	28.6	28.2	28.8	29.1
	8H	27.8	28.5	28.2	28.8	29.1	27.8	28.5	28.2	28.8	29.1
	12H	27.8	28.4	28.2	28.7	29.1	27.8	28.4	28.2	28.7	29.1
4H	2H	27.9	28.7	28.2	28.9	29.2	27.9	28.7	28.2	28.9	29.2
	3H	27.8	28.4	28.2	28.7	29.1	27.8	28.4	28.2	28.7	29.1
	4H	27.8	28.3	28.1	28.7	29.0	27.8	28.3	28.1	28.7	29.0
	6H	27.7	28.2	28.1	28.6	28.9	27.7	28.2	28.1	28.6	28.9
	8H	27.7	28.1	28.1	28.5	28.9	27.7	28.1	28.1	28.5	28.9
	12H	27.7	28.0	28.1	28.4	28.9	27.7	28.0	28.1	28.4	28.9
8H	4H	27.7	28.1	28.1	28.5	28.9	27.7	28.1	28.1	28.5	28.9
	6H	27.6	28.0	28.1	28.4	28.8	27.6	28.0	28.1	28.4	28.8
	8H	27.6	27.9	28.1	28.3	28.8	27.6	27.9	28.1	28.3	28.8
	12H	27.6	27.8	28.1	28.3	28.8	27.6	27.8	28.1	28.3	28.8
12H	4H	27.6	28.0	28.1	28.4	28.8	27.6	28.0	28.1	28.4	28.8
	6H	27.6	27.9	28.1	28.3	28.8	27.6	27.9	28.1	28.3	28.8
	8H	27.6	27.8	28.1	28.3	28.8	27.6	27.8	28.1	28.3	28.8
/ariation of t	he observer	position	for the lum	inaire dist	ances 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		0.6			0.6						
Correction 9.6 Summand				9.6							

Dimensional Drawing

