

M609LED4840-W

SIRIUS park light, 4000K, LED4, 5900 Lumens, 66W, White



About Product

SIRIUS park light is Mazinoor state of the art design suitable for urban areas, plazas, walkways, and park light applications. High pressure die-cast aluminum body, aesthetically minimal and futuristic design, and high ingress protection (IP66) are among the highlights of this luminaire.



Technical Information

Luminaire Name:	SIRIUS
Catalog Code/product code:	M609LED4840-W
Mounting Type:	Vertical pole mounting
Application:	Green area
Light source type:	LED
Module/ Lamp quantity:	4
CCT (Color temperature):	4000K - Neutral White
Light source:	LED
Lumen maintenance:	> 100,000 hours
Lumen maintenance factor:	L90
CRI (Color rendering index):	> 80
Power Consumption:	66
Luminous Flux:	5900
Efficacy (lm/W):	89
IP (Ingress Protection):	IP66
Insulation Class:	Class I
Max. Ambient Temperature:	+50°C
Min. Ambient Temperature:	-20°C
Ballast/ Driver:	Constant Current Driver (PF> 0.9)
Driver quantity:	2

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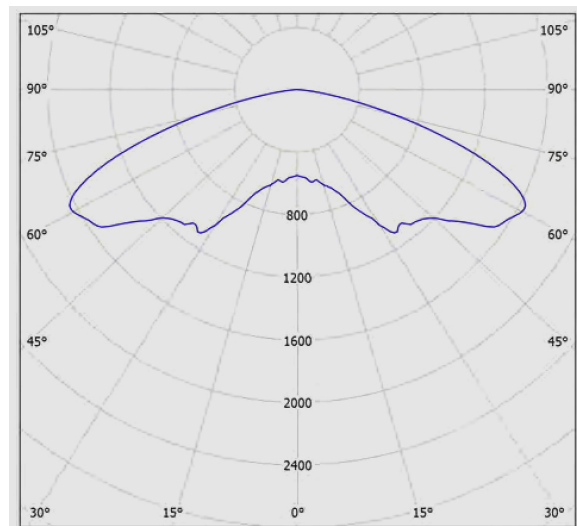
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FLICKER:	Flicker Free
Ballast/ driver Spec:	Non-dimmable, short-circuit protection
Ballast/ Driver (Channel quantity):	Single channel
Mains voltage:	220~240 VAC±10%
Voltage Frequency:	50/60 Hz
Wire / Cable Spec:	PVC flexible cable
Wire cross section:	0.5/0.75
Body Material:	Die-Cast aluminum
Body Coating:	Powder coated
Body Color:	White
RAL:	RAL9003
Diffuser/Glass Material:	Tempered glass
Diffuser/Glass Shape:	Clear
Diffuser/Glass Characteristic:	5mm thickness
Lens Material:	Clear polycarbonate
Light Distribution:	Park lighting
Gasket Material:	silicon
Gasket Characteristic:	Ingress protection against dust and moisture
Interior Connection Material:	Galvanized coated
Exterior Connection Material:	Dacromet coated
Packaging type:	Nylon cover and carton
Other Characteristics:	Pre-wired with 4-cm electrical cable
Weight(Kg):	6
Dimensions(mm):	Ø500x480
Luminaire mechanical impact resistance:	IK07

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Photometric Graph



Glare Evaluation According to UGR												
ρ Ceiling	70	70	50	50	30	70	70	50	50	30	30	30
ρ Walls	50	30	50	30	30	50	30	50	30	50	30	30
ρ Floor	20	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	23.2	24.9	23.5	25.2	25.4	23.2	24.9	23.5	25.2	25.4	
	3H	25.9	27.4	26.2	27.7	28.0	25.9	27.4	26.2	27.7	28.0	
	4H	26.6	28.0	26.9	28.3	28.6	26.6	28.0	26.9	28.3	28.6	
	6H	26.8	28.1	27.2	28.5	28.8	26.8	28.1	27.2	28.5	28.8	
	8H	26.8	28.1	27.2	28.4	28.8	26.8	28.1	27.2	28.4	28.8	
4H	12H	26.8	28.0	27.2	28.4	28.7	26.8	28.0	27.2	28.4	28.7	
	2H	24.4	25.9	24.8	26.2	26.5	24.4	25.9	24.8	26.2	26.5	
	3H	27.0	28.3	27.4	28.6	29.0	27.0	28.3	27.4	28.6	29.0	
	4H	27.7	28.8	28.1	29.2	29.6	27.7	28.8	28.1	29.2	29.6	
	6H	28.0	29.0	28.5	29.4	29.8	28.0	29.0	28.5	29.4	29.8	
8H	8H	28.1	29.0	28.5	29.4	29.8	28.1	29.0	28.5	29.4	29.8	
	12H	28.1	28.9	28.5	29.3	29.7	28.1	28.9	28.5	29.3	29.7	
	4H	28.0	28.9	28.4	29.3	29.7	28.0	28.9	28.4	29.3	29.7	
	6H	28.4	29.1	28.8	29.5	30.0	28.4	29.1	28.8	29.5	30.0	
	8H	28.4	29.1	28.9	29.5	30.0	28.4	29.1	28.9	29.5	30.0	
12H	12H	28.5	29.0	29.0	29.5	30.0	28.5	29.0	29.0	29.5	30.0	
	4H	28.0	28.8	28.5	29.2	29.7	28.0	28.8	28.5	29.2	29.7	
	6H	28.4	29.0	28.9	29.5	29.9	28.4	29.0	28.9	29.5	29.9	
	8H	28.5	29.0	29.0	29.5	30.0	28.5	29.0	29.0	29.5	30.0	
	12H	28.5	29.0	29.0	29.5	30.0	28.5	29.0	29.0	29.5	30.0	
Variation of the observer position for the luminaire distances S												
S = 1.0H		+0.1 / -0.1					+0.1 / -0.1					
S = 1.5H		+0.3 / -0.3					+0.3 / -0.3					
S = 2.0H		+0.6 / -0.7					+0.6 / -0.7					
Standard table		BK06					BK06					
Correction Summand		11.5					11.5					
Corrected Glare Indices referring to 5900lm Total Luminous Flux												

Dimensional Drawing

