

# simon MILOS HID





## Functional HID floodlight luminaire.

Street installation recommended at heights of 3 to 8 m and floodlighting applications.



Simon MILOS HID configurator

MODEL	
<b>MXF</b>  M size, bracket fixing, flat cover Only from 250 W	<b>SXF</b>  S size, bracket fixing, flat cover Only accepted up to 150 W



DIFFUSER	CABLING	REFLECTOR	FOR LAMP*			CLASS	GEAR	DIMMING
GTF	0 m	SRD	HPS	35 W	E27	CI 	EM	2N-
Transp. Glass Flat	No cable	Small Road optics Only SXF model	High-Pressure Sodium	SRD G12	HPS MH	Class I	European electromagnetic 230 VAC, 50 Hz	No control line Self-dimming
		AS	MH	50 W	E40	CII 	EL	2N+
		Asymmetric	Metal Halide	SRD E27	HPS MH	Class II	European Electronic 230 VAC, 50/60 Hz	With control line
		S		70 W	G12		EG	1N
		Symmetrical Only MXF model		SRD E27 SRD G12 AS RX7s	MH		Electromagnetic 230 VAC, 60 Hz	No dimming
				100 W	RX7s			CAD
				SRD G12	MH			CAD
				150 W				1-10 V
				SRD G12 AS RX7s				1-10 Protocol
				250 W				DALI
				S E40 AS E40				DALI Protocol
				400 W				
				S E40 AS E40				

FINISHES			
Simon Lighting colour chart		RAL classic colour chart	
Body, closures and brackets	See page 376	Body, closures and brackets	See RAL chart
Bracket trim	Dark Grey	Bracket trim	Dark Grey



\* Use lamps without built-in starter.  
\* Check compatibility of lamp size with reflector selected.

CONFIGURATION LIMITATIONS
CAD, 1-10 V and DALI dimming using only electronic (EL) gear. Electronic gear available only up to 150 W.
Luminaires with EM and 1N gear are common to HPS and MH lamps.
35 W powers only available with 1N electromagnetic (EM) gear.
Class II with electromagnetic (EM) gear in MXF model not available for powers of 150 W or with dimming.

## BASE REFERENCES



MILOS MXF HID	POWER	SOCKET	CLASS	GEAR	DIMMING	CODE
 MILOS HID luminaire, M model, bracket fixing, flat cover, flat transparent glass diffuser, with Class I electromagnetic gear. No pre-wiring, 230 VAC/50 Hz power supply and asymmetric optics. Standard finish in Simon GYTECH colour.	250 W	E40	CI	EM	1N	<b>50-74743</b>
	400 W	E40	CI	EM	1N	<b>50-74741</b>
MILOS SXF HID	POWER	SOCKET	CLASS	GEAR	DIMMING	CODE
 MILOS HID luminaire, S model, bracket fixing, flat cover, flat transparent glass diffuser, with Class I electromagnetic gear. No pre-wiring, 230 VAC/50 Hz power supply and road optics. Standard finish in Simon GYDECO colour.	35 W	G12	CI	EM	1N	<b>50-90237</b>
	50 W	E27	CI	EM	1N	<b>50-74764</b>
	70 W	E27	CI	EM	1N	<b>50-74704</b>
	100 W	G12	CI	EM	1N	<b>50-74765</b>
	150 W	G12	CI	EM	1N	<b>50-74709</b>

## OPTICS TABLE

FLOODLIGHT	REFLECTOR	APPLICATION TYPE
	SRD Small Road optics	Urban applications
	AS Asymmetric	Floodlight applications
	S Symmetrical	Floodlight applications

## ACCESSORIES

Floodlight adaptation accessories for DEMON, FOGO and MILOS ranges, SXF model to Ø60mm post-top.

ITEM	DESCRIPTION	FINISH	CODE
	<b>Single arm, flush floodlight</b>	Galvanised	<b>5-531830</b>
		GYTECH	<b>5-531830-012</b>
		GYDECO	<b>5-531830-013</b>
	<b>Single arm, floodlight separated 200 mm</b>	Galvanised	<b>5-531838</b>
		GYTECH	<b>5-531838-012</b>
		GYDECO	<b>5-531838-013</b>
	<b>Double arm, floodlight separated 200 mm</b>	Galvanised	<b>5-531839</b>
		GYTECH	<b>5-531839-012</b>
		GYDECO	<b>5-531839-013</b>

## SIMON MILOS HID TECHNICAL INFORMATION

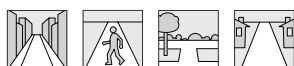
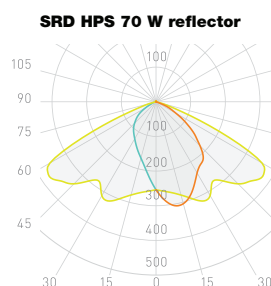
### PHOTOMETRIC DATA\*

<b>Optical Group</b>	
<b>Reflectors</b>	SRD Small Road optics – Only SXF model AS asymmetric S symmetrical – Only MXF model
<b>Lamps</b>	HPS – High Pressure Sodium MH – Metal Halide Use MH lamps according to current (A) table, page 375.
<b>Power</b>	35, 50, 70, 100, 150, 250, 400 W
<b>Socket</b>	E27, E40, G12, RX7s
<b>Inst. ULOR</b>	E1 RD (floodlight 0° - 5°)

\* Use HPS lamps without built-in starter.

Check compatibility of lamp size with reflector selected.

### PHOTOMETRIC DISTRIBUTION



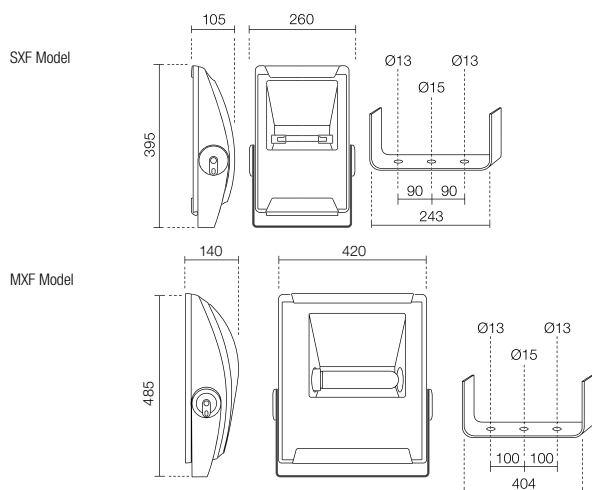
### PHYSICAL DIMENSIONS

<b>Fixing</b>	By bracket, Ø13 mm, Ø15 mm, Ø13 mm Pg 13.5 cable gland (M20)
<b>IP rating</b>	IP66
<b>IK code</b>	IK09
<b>Windage area</b>	MILOS S: 0.03 m² MILOS M: 0.05 m²
<b>Weight</b>	MILOS S: 6.2 kg MILOS M: Min. 10.25 kg MILOS M: Max. 11.5 kg
<b>Distance to illuminated objects</b>	1 m

### MATERIALS

<b>Body</b>	Die-cast aluminium
<b>Closing system</b>	Painted die-cast aluminium levers
<b>Fixing system</b>	Galvanized and painted steel plate
<b>Diffuser</b>	Flat, transparent tempered glass
<b>Reflector</b>	Anodised aluminium
<b>Recyclability</b>	

### DIMENSIONS



### FINISHES

<b>Body, closures and brackets</b>	Simon Lighting colours Other RAL colours
<b>Bracket trim</b>	Dark Grey

### ELECTRICAL PARAMETERS\*

<b>Working temperature</b>	-40 °C to +40 °C		
<b>Dimming</b>	2N- No control line 2N+ With control line 1N (100%) No dimming		
only electronic	CAD Cabinet amplitude dimming		
only electronic	1 - 10 V**		
only electronic	DALI**		
<b>Gear</b>	State-of-the-art compact gear; starter, capacitor and wiring in a single block.		
	Electromagnetic gear EM	Electromagnetic gear EG	Electronic gear EL
<b>Supply voltage</b>	220-240 Vac	220-240 Vac	220-240 Vac
<b>Frequency</b>	50 Hz	60 Hz	50 / 60 Hz
<b>Surge protection</b>	4 kV		
<b>Cos φ</b>	≥ 0.95		
<b>Luminaire electrical protection</b>	Class I or Class II		

\* Depending on the model

\*\* On request

### CERTIFICATES

Luminaire conforms to: EN-60598-1 and 2-3 / EN-ISO-55015 / EN-61547 / EN 61000-3-2 and 3-3



### Warranty

2 years.

### Items supplied and packaging

Packed in recyclable cardboard box with identification label to protect the product during transport and storage. Includes assembled bracket.

Supplied without lamps.

### Maintenance

Keep the diffuser surface clean to obtain maximum luminous flux. Use a damp cloth. Do not use aggressive products or detergents. Lubricate water-tight seals and replace when cracked. Lubricate locks and/or hinges of moving parts.