



DESCRIPTION

Product	Fortika S / M series
Spigot	LM6 Diecast Aluminium
glass	Tempered glass. S curved or flat, M only flat
Mechanical impact	IK09
Ingress protection	IP 66 sealing level in accordance with EN 60529 Cable gland
Dimensions (h x w x l)	105x 268x 590mm (S) 105x 318x 648mm (M)
Weight	5,65 kg (S) 7,5 kg (M)
Windage area	0,062 m ² (S) 0,07 m ² (M)
Electrical class	I or II
Ambient temperature	-40 to +50°C
Pre-wired	No, optional mounted cable and length on request

DRIVERS

Power	220 Vac / 240 Vac - 50 Hz / 60 Hz / integrated 10 kV overvoltage protection (CM)
Brand	Philips / Tridonic
Power factor	> 90%
THD	< 10% (Full load)
Current	Constant supply current adjustable from 200mA to 970mA
Lifespan Philips	5% failure at 100 000 hours
Control Philips	DALI or 1-10V
Lifespan Tridonic	5% failure at 100 000 hours
Control Tridonic	DALI-2, 0-10V, none

LED SOURCES

Sources	LUXEON 3030 2D (square)
Colour temperature (K)	2700 K, 3000 K, 4000 K
CRI	≥ 70 (others upon request)
Luminaire SDCM	<3
LED lifespan	L95 > 100 000 h

Optics and light distribution options
A1-A4, B1, B2, L2, L18, L19

Photobiology
RG1 (4000K)

STANDARD / MARKING / CERTIFICATIONS

Compliance	CE, marking requirements : Directive 2014/35/EU, Low voltage Directive Directive 2014/130/EU Electromagnetic Compatibility Directive 2011/65/EU (RoHS) ENEC, ENEC+, ZD4i
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WARRANTY

5 years

SMART (options)

Dimming	✓
Zhaga	✓
NEMA	✓
Motion sensor	✓

MECHANICAL INTERFACE (Spigot)

Top/side entry 60mm

* 48mm possible with optional fill up bus 60-48mm

Tilting options:

Side and posttop mount -15 to +15°

MAXIMUM PERFORMANCES

	Fortika-S22 Without optic, square cup-Rbin		
	Flux ^(A) at 700	Power ^(B) (W)	Efficiency (lm/W)
4000 K	3288	17,5	188
3000 K	3256	17,5	186
2700 K	3158	17,5	180

	Fortika-S75 Without optic, round Q-bin		
	Flux ^(A) at 700	Power ^(B) (W)	Efficiency (lm/W)
4000 K	10110	72,0	140
3000 K	9906	72,0	138
2700 K	9707	72,0	135

	Fortika-M165 Without optic round Q-bin		
	Flux ^(A) at 700	Power ^(B) (W)	Efficiency (lm/W)
4000 K	15529	105,0	148
3000 K	15218	105,0	145
2700 K	14914	105,0	142

OPTIONAL:

External SPD	10kV (differential/common) class-3
Louvres	backlight blockers
Zhaga socket	on top and/or on bottom
Nema socket	possible
High power chips	possible
DC grid steering	176-370 Vdc

MAINTENANCE

see manual