



**Installation:** hazardous areas - Zone 2 (Gases) - Zone 22 (Dusts)

**Classification:** Group II - Category 3G 3D



**REFERENCE STANDARDS**

**Directive 2014/34/EU**

EXECUTION	⊗ II 3 G Ex ec IIC T4 Gc ⊗ II 3 D Ex tc IIIC T135°C Dc
RULES OF COMPLIANCE	EN/IEC 60079-0; EN/IEC 60079-7; EN/IEC 60079-31
EC Type-Examination Certificate	INERIS 19 ATEX 3010X
PROTECTION DEGREE	IP66 (in accordance to IEC 60529)
AMBIENT TEMPERATURE	-40°C ÷ +60°C
OTHER AVAILABLE CERTIFICATES	IECEX: IECEX INE 19.0034X EAC: TC RU C-IT.BH02.B.00602 (-40°C ÷ +60°C)

**Mechanical characteristics**

Body	marine grade copper free aluminium
Diffuser	tempered front glass 4mm
Support	adjustable type 3mm thick shaped steel
Painting	external thermosetting polyester powder RAL-7039 colour
Screws	external stainless steel
Gaskets	silicon rubber
Cable entry	Dia. 20.5mm

**Electrical characteristics**

Power supply	220÷240Vac electronic driver 50/60 Hz - C/W surge protection 6/8-10KV and NTC thermal sensor
Lamp type	Samsung LH 181B - CRI>80 CCT 4000K Lifetime: 80.000 hours L80 B10 @ta 25, 50.000 hours L80 B20 @tamax
Internal wiring	high-temperature resistant silicon rubber insulation cables
Terminals	suitable up to 4 sq/mm cables
Optic	SM = without lens, maximum efficiency AS = with asymmetrical lens with vertex at 50deg



**On Request Accessories:**

- External painting colour on request
- DALI dimmable driver and output reduction Vmidnight system
- CCT 2200/3000/5700 K
- Customized LED current drivers
- Additional optics

Technical data

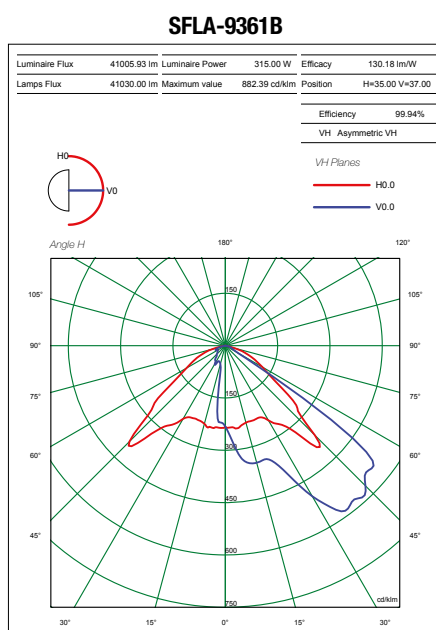
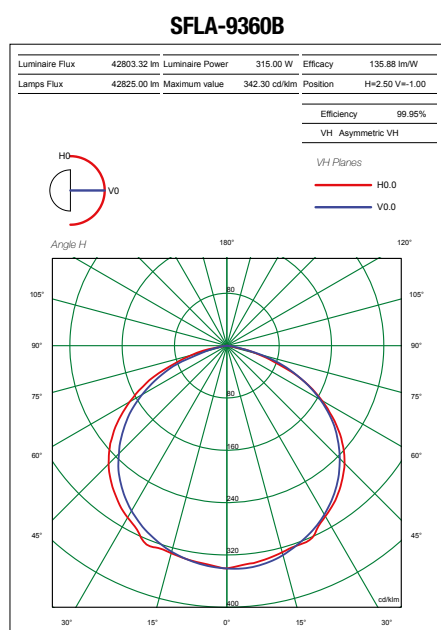
CODE	POWER LAMP	WIRING	TEMPERATURE CLASS (GAS)	TEMPERATURE CLASS (DUSTS)	OUTPUT TYPICAL (lm)	OUTPUT NET (lm)	CABLE ENTRY SIZE	DETAIL
<b>FLOODLIGHTS FOR LED LAMP - POWER SUPPLY 220±240V 50/60Hz</b>								
SFLA-4160B	140 W	64 LED	T4 (Ta +60°C)	T135°C	20800	19035	1 X ISO-M20	A
SFLA-4161B								
SFLA-5200B	175 W	80 LED			26000	23790		
SFLA-5201B								
SFLA-6240B	210 W	96 LED			31200	28550		
SFLA-6241B								
SFLA-7280B	245 W	112 LED			36400	33310		
SFLA-7281B								
SFLA-8320B	280 W	128 LED			41600	38070		
SFLA-8321B								
SFLA-9360B	315 W	144 LED			46800	42825		
SFLA-9361B								

OPTIC BEAM: 0B=SM - WITHOUT LENS / 1B=AS - ASYMMETRICAL LENS

Technical features

CODE	A [mm]	B [mm]	C [mm]	D [mm]	E [mm]	F [mm]	G [mm]	H [mm]	WEIGHT [Kg]	CABLE ENTRY	DETAIL
SFLA-4160B	525	505	122	630,60	329	539	344	354	20,02	1 X ISO-M20	A
SFLA-4161B	525	505	122	630,60	329	539	344	354	20,07	1 X ISO-M20	A
SFLA-5200B	525	505	122	630,60	329	539	344	354	20,46	1 X ISO-M20	A
SFLA-5201B	525	505	122	630,60	329	539	344	354	20,52	1 X ISO-M20	A
SFLA-6240B	525	505	122	630,60	329	539	344	354	20,73	1 X ISO-M20	A
SFLA-6241B	525	505	122	630,60	329	539	344	354	20,80	1 X ISO-M20	A
SFLA-7280B	525	505	122	630,60	329	539	344	354	20,93	1 X ISO-M20	A
SFLA-7281B	525	505	122	630,60	329	539	344	354	21,01	1 X ISO-M20	A
SFLA-8320B	525	505	122	630,60	329	539	344	354	20,96	1 X ISO-M20	A
SFLA-8321B	525	505	122	630,60	329	539	344	354	21,05	1 X ISO-M20	A
SFLA-9360B	525	505	122	630,60	329	539	344	354	21,06	1 X ISO-M20	A
SFLA-9361B	525	505	122	630,60	329	539	344	354	21,22	1 X ISO-M20	A

SFLA LED Installation and mounting details



Reference details

