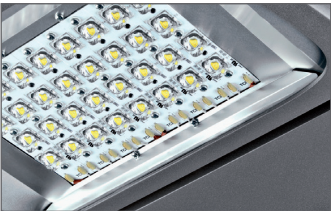


WFLA LED

Weatherproof floodlights for LED lamps



Installation

Safe Area

Insulation Class

I

Reference standards

CEI/EN	
Execution	Industrial weatherproof
Rules of compliance	EN 60598-1 + A1; EN 60598-2-1
EU Type-Examination Certificate	-
Protection degree	IP66 (in accordance to IEC 60529)
Ambient temperature	-

Mechanical characteristics

Body	Marine grade copper free aluminium
Diffuser	Tempered front glass 4 mm
Support	Adjustable type 3 mm thick shaped steel
Painting	External thermosetting polyester powder RAL-7039 colour
Screws	External stainless steel
Gaskets	Silicon rubber
Cable entry	Dia. 20.5 mm

Electrical characteristics

Power supply	100÷277 Vac electronic driver 50/60 Hz 127÷250 Vdc electronic driver surge protection 6/8-10 KV and NTC thermal sensor
Lamp type	Samsung LH 181B – CRI>80 CCT 4000 K 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 mm² cables
Optic	SM = without lens, maximum efficiency AS = with asymmetrical lens with vertex at 50 deg

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

Floodlights for LED lamp – power supply 100÷277 Vac 50/60Hz

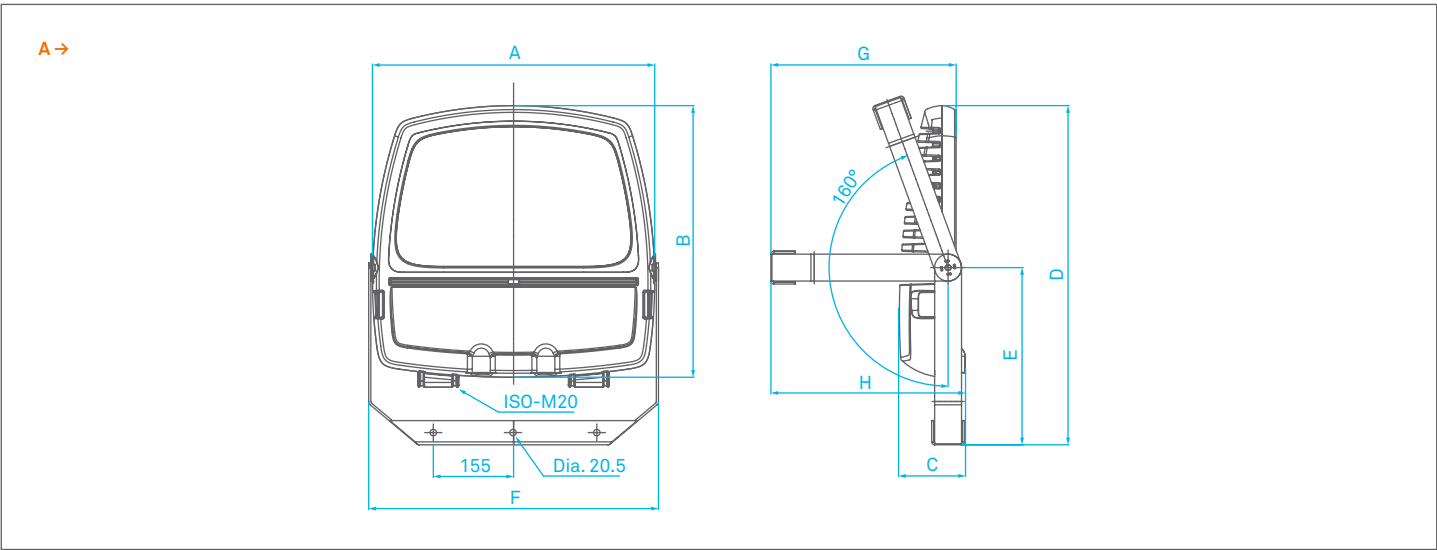
Code	Nom. power [W]	Wiring	Temperature class [Gas]	Temperature class [Dusts]	Output typical [lm]	Output net [lm]	Lamp power [W]	Cable entry size	Detail
WFLA-4160B	133.1	64 LED	–	–	20800	19035	140 W		
WFLA-4161B									
WFLA-5200B	166.4	80 LED	–	–	26000	23790	175 W		
WFLA-5201B									
WFLA-6240B	199.7	96 LED	–	–	31200	28550	210 W		
WFLA-6241B									
WFLA-7280B	233.0	112 LED	–	–	36400	33310	245 W	1 X ISO-M20	A
WFLA-7281B									
WFLA-8320B	266.2	128 LED	–	–	41600	38070	280 W		
WFLA-8321B									
WFLA-9360B	299.5	144 LED	–	–	46800	42825	315 W		
WFLA-9361B									

Optic beam: 0B=SM – without lens / 1B=AS – asymmetrical lens

Technical features

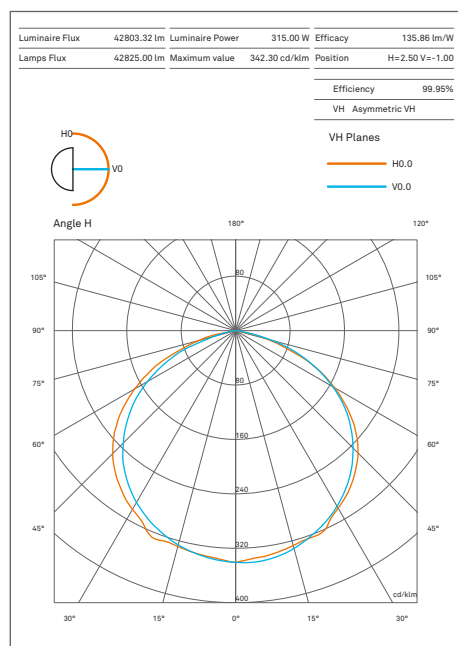
Code	A [mm]	B [mm]	C [mm]	D [mm]	E [mm]	F [mm]	G [mm]	H [mm]	Weight [kg]	Cable entry	Detail
WFLA-4160B	525	505	122	630,60	329	539	344	354	20,02	1 X ISO-M20	A
WFLA-4161B	525	505	122	630,60	329	539	344	354	20,07	1 X ISO-M20	A
WFLA-5200B	525	505	122	630,60	329	539	344	354	20,46	1 X ISO-M20	A
WFLA-5201B	525	505	122	630,60	329	539	344	354	20,52	1 X ISO-M20	A
WFLA-6240B	525	505	122	630,60	329	539	344	354	20,73	1 X ISO-M20	A
WFLA-6241B	525	505	122	630,60	329	539	344	354	20,80	1 X ISO-M20	A
WFLA-7280B	525	505	122	630,60	329	539	344	354	20,93	1 X ISO-M20	A
WFLA-7281B	525	505	122	630,60	329	539	344	354	21,01	1 X ISO-M20	A
WFLA-8320B	525	505	122	630,60	329	539	344	354	20,96	1 X ISO-M20	A
WFLA-8321B	525	505	122	630,60	329	539	344	354	21,05	1 X ISO-M20	A
WFLA-9360B	525	505	122	630,60	329	539	344	354	21,06	1 X ISO-M20	A
WFLA-9361B	525	505	122	630,60	329	539	344	354	21,22	1 X ISO-M20	A

Reference details

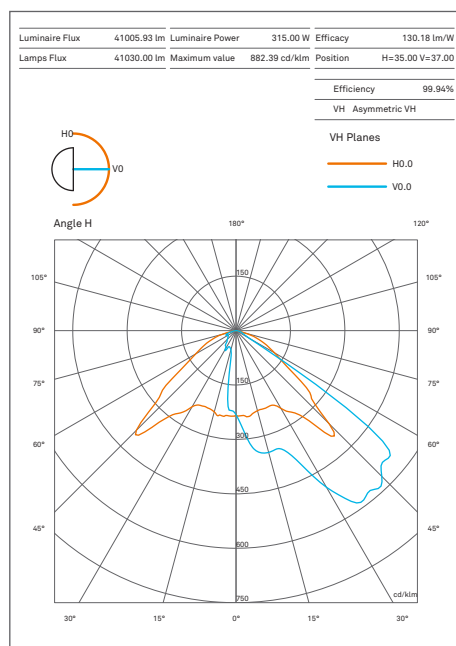


Polar diagrams – photometric data

WFLA-9360B



WFLA-9361B



REMARK:

Due to the development of the national and international specifications and of the technology, the above technical characteristics showed on this bulletin can be considered as binding on our confirmation only.