

**Technor FL Floodlights Ex**  
 IP65  
**Technor Spotlight Ex LED**  
 IP65



Repair Management Nederland B.V.  
 More management less firefighting

**Copper-free aluminium floodlight** for halogen and discharge lamps, external painting RAL 6003 and internal anti-condensation paint. FL series Floodlight are complete with lamp, ballast, HPF capacitor and ignitor.

IP Rating: IP65

**Explosion proof Ex II2 GD, Ex de IIB T3, Ex de IIB+H<sup>2</sup> T3, Ex tD A21 IP65 T200C.**

According to European Directive 94/9/EC (ATEX)

**For Zone 1/Zone 2/Zone 21/ Zone 22.**

Operating temperature -50C to 55C

Material: Copper-free aluminium (Cu<0,1%)

Surface treatment: External painting polyuretane RAL 6003, Internal anticondensation paint.

Gaskets: Nitrile rubber gasket on flat joint.

Thread: No. 2 M25 entries: one plugged off and one completed with a single seal cable gland and our type PNA 2, brass nickel plated.

Captive stainless screws and stainless steel adjustable bracket.

**Lamps: Halogen and discharge 150,250,400,500, 2x70 Watt**

Low losses integral ballast. Rated operation voltage 230V, Frequency 50Hz power factor >0,9

Lampholder Ceramic E-40 with anti-loosening terminals.

Reflector: Internal reflector, symmetrical distribution with narrow beam pure polished aluminium, fixed to body by a safe wire even when removed during maintenance.

Special Off-shore version with surface treatment for oil platforms and corrosive environments on request. Also other voltages on request. See more info on data sheet.

Number	Type	Lamps type	Power	Voltage	Weight Kg
02TE020200	FL15SA	High pressure sodium	150 W	220/230 (50Hz)	24,7
02TE020201	FL25SA	High pressure sodium	250 W	220/230 (50Hz)	25,8
02TE020202	FL40SA	High pressure sodium	400 W	220/230 (50Hz)	27,0
02TE020203	FL25IM	Metal halide	250 W	220/230 (50Hz)	25,8
02TE020204	FL40IM	Metal halide	400 W	220/230 (50Hz)	24,8
02TE020205	FL25HG	Mercury vapours	250 W	220/230 (50Hz)	25,7
02TE020206	FL40HG	Mercury vapours	400 W	220/230 (50Hz)	22,9
02TE020207	FL50HA	Halogen	500 W	220	21,0
02TE020208	FL14HA	Halogen	2x70 W	48	22,0



**Special services you will find in the data sheet like NATO standarization, Shell etc.**

**Long life maintenance free High Intensity Power LED's with narrow beam lenses**

Evde- LED Spot-Light are used as local spot-light where requested an high illumination to operate night and day time. Due to their LED's based technology, Evde- LED spot-Light are shock/vibration resistant and free from: infrared, ultraviolet effects. Light is driven where needed whitout blinding effect for operator and without light pollution. Also available as tank light and portable light, ideal for demanding Onshore and Offshore applications e.g. Cleaning, grit blasting and inspection of confined spaces.

IP Rating: IP65

Explosion proof Ex II2 GD, Ex de IIC T5 / T4, Ex tD A21 IP65 T100C / T135C, Ex de IIC T5 / T4, Ex tD A21 IP65 T100C / T135C According to European Directive 94/9/EC (ATEX).

**For Zone 1/Zone 2/Zone 21/ Zone 22.**

Operating temperature -50C to 60C

Material: Copper-free aluminium (Cu<0,1%)

**Surface treatment: External painting polyuretane painting "Standard Cycle" RAL 6003**

Gaskets: O-ring made of nitrile rubber (NBR)

Entries, Nr. 2 M25 Entries.

Stainless steel external hardware.

**Lamps: 18 or 48 LED's**

Lamps wattage: High Intensity Power LED's each 1W

Rated operation voltage 24Vdc or 240Vac models are available.

Frequency 50/60Hz

Handle for single handed portability on request.

Number	Type	Power	Lamp type	Voltage	Frequency
02TE020250	Evde-3/18LED	18 W	18 LED's x 1 W each	220/240Vac	50/60 Hz
02TE020251	Evde-5/48LED	48W	48 LED's x 1 W each	220/240Vac	50/60 Hz



Adjustable stainless steel U-bracket for wall mounting (included), suitable for ceiling: pendant, wall: pole installation.  
4x4 mm<sup>2</sup> +E mains terminal in Ex-e compartment (included)