

Data Link LED IP66 Ex ATEX Floodlight

For ATEX Zone 1-21-2-22
 Housing made from Aluminium alloy (**cataphoresis option for seawater conditions**), powder-coated with tempered borosilicate glass.
 Siliconen gasket, connecting terminal L,N,PE max 3x2.5mm², external terminal.
 Protection IP66 and IK08, OVP and OTP.
 Equipped with 2x Ex glands or Ex gland and Ex plug.
 Explosion protection II 2G Ex db op is IIC* T6 Gb; II 2D Ex tb op is IIIC T85°C Db
 Gas Group IIA-IIB-IIC and Dust Group IIIA-IIIB-IIIC
 Type of protection Ex db - Ex tb. Zone level 1 Gb- 2 Gb and 21 Db - 22 Db
 Lifespan (at 25°C) 60.000 hours
 Nominal voltage 110-230Vac and special versions 42Vac/Vdc.
 Operating voltage 100-305Vac , 110-430Vdc
 Total power 140W (other capacities under development). Power factor >0.95
 Operating temperature -40°C to +50°C.
 Light distribution 25°, 60°, 90°, 120°.
 Initial total lumens ~20 100lm, luminary efficacy ~140lm/W.
 CCT ~5000K, CRI >80, high color rendering index 80-85.
 Mounted on a cart, scaffold or wall mounted.
 Excellent thermal management. Replaceable antistatic protective peel of foil when used as a worklight.
 Individual or daisy chain connection. Weight IIC 11,20 kg. * Also available in IIB version.
 NFC = use your Smartphone device to identify your product. Unremovable ID code.



Article No.	Description	Wattage	Lumen	LxWxH mm	Voltage
580400	Led ATEX Floodlight beam 120°	140	20.100	380 x 125 x 300	230
580401	Led ATEX Floodlight beam 90°	140	20.100	380 x 125 x 300	230
580402	Led ATEX Floodlight beam 60°	140	20.100	380 x 125 x 300	230
580410	Led ATEX Floodlight beam 120°	100	14.000	380 x 125 x 300	230
580411	Led ATEX Floodlight beam 90°	100	14.000	380 x 125 x 300	230
580412	Led ATEX Floodlight beam 60°	100	14.000	380 x 125 x 300	230
580440	Led ATEX Floodlight beam 120°	60	8.600	380 x 125 x 300	230
580441	Led ATEX Floodlight beam 90°	60	8.600	380 x 125 x 300	230
580442	Led ATEX Floodlight beam 60°	60	8.600	380 x 125 x 300	230

Article No.	Description
580420	Ex Cable Gland M20x1,5 IIC
580421	Ex Stopping Plug M20x1,5 IIC
580422	Antistatic protective peel off foil

Version 42Vac/Vdc

Article No.	Description	Wattage	Lumen	LxWxH mm	Voltage
580430	Led ATEX Floodlight beam 120°	100	14.000	380 x 125 x 300	42
580431	Led ATEX Floodlight beam 90°	100	14.000	380 x 125 x 300	42
580432	Led ATEX Floodlight beam 60°	100	14.000	380 x 125 x 300	42

The 140W version is dimmable in steps from 20.100lm (+35°C) to 14.000lm (+45°C) to 9.800lm (+50°C).

Version 24Vac/Vdc

Article No.	Description	Wattage	Lumen	LxWxH mm	Voltage
580450	Led ATEX Floodlight beam 120°	60	7.200	380 x 125 x 300	24
580451	Led ATEX Floodlight beam 90°	60	7.200	380 x 125 x 300	24
580452	Led ATEX Floodlight beam 60°	60	7.200	380 x 125 x 300	24

