



# GREY-N-LED

IP 66 / zone 2, 22

**5 year warranty**



FTZÚ 20 ATEX 0093X



**Application:** Dustproof floodlight GREY-N-LED with degree of protection IP66 designed for lighting of areas with danger of explosion.

**Ballast:** EP – electronic 220–240V 0/50/60Hz

**Light source:** LED, 4000K, CRI +70, MacAdam3

**Housing:** Die-cast aluminium, black colour, RAL 9005, matt

**Diffuser:** Hardened safety glass

**Optics:** S – symmetrical wide beam radiant optics

AS – asymmetrical wide beam radiant optics

H – symmetrical narrow beam radiant optics

AH – asymmetrical narrow beam radiant optics

**Fastening:** Surface mounted by means of adjustable bracket

**Connection:** Screwless three-pole terminal block, max. diameter of wires 2.5 mm<sup>2</sup>

**Standard equipment:** EX M20 cable gland for diameter of cable 7-12 mm

**Calculated lifetime – LED modules:** L80B10 ta45°C – 60 000h

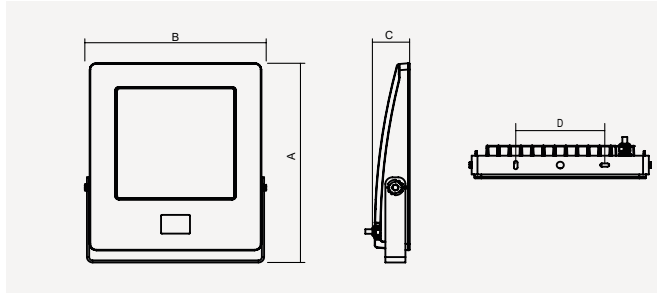
**Minimum ambient temperature:** -40°C (0°C for emergency version)



Maintained Emergency

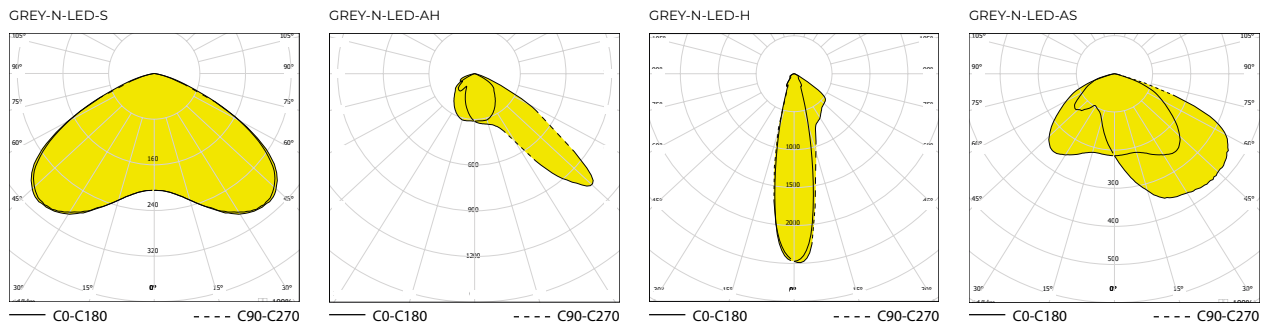
**(MULTI)GREY-N-LED**

- ⊗ II 3G Ex nR IIC T6 Gc
- ⊗ II 3D Ex tc IIIC 85°C Dc

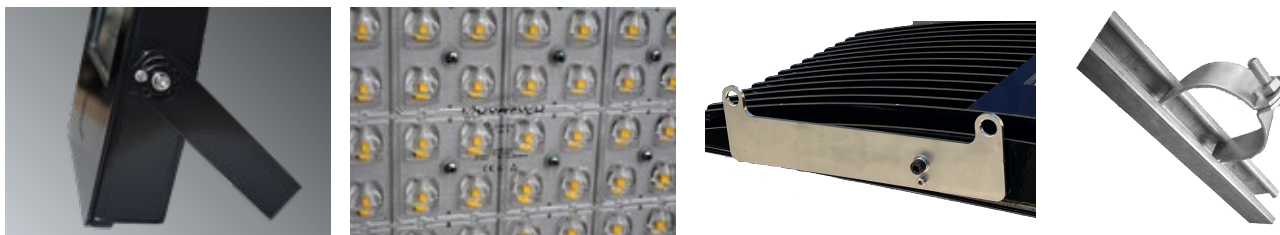


Order number	Name	Lighting fixture luminous flux (lm)	Power input (W)	Rated power output (lm/W)	Ta max (°C)	Dimensions of lighting fixture A x B x C (mm)	Mounting spacing D (mm)	Weight (kg)
056900LO	GREY-N-LED-S-8500-4K	7750	50	155	50	480x400x80	200	10
056900	GREY-N-LED-S-17000-4K	15933	103	155	60	480x400x80	200	10
056904	GREY-N-LED-S-18500-4K	17191	113	152	55	480x400x80	200	10
056908	GREY-N-LED-S-21000-4K	19631	133	148	50	480x400x80	200	10
056912	GREY-N-LED-S-24500-4K	23108	164	141	55	480x400x80	200	10
056916	GREY-N-LED-S-29500-4K	27450	206	133	45	480x400x80	200	10

Tolerance of luminous flux and power input of the lighting fixture +/- 10%



## Lighting fixture detail



### On request

**DIM** – dimmable electronic ballast (DALI)

**2.7K-6.5K** - colour temperature

**SB** - Suspension bracket - 304SS (set of 2)

**UPC** - Pole clamping kit (60mm or 76mm)

**EM** - Maintained Emergency, 3 hours

Standard order number	AS	H	AH	S DALI	AS DALI	H DALI	AH DALI
056900	056901	056902	056903	056900 DALI	056901 DALI	056902 DALI	056903 DALI
056904	056905	056906	056907				
056908	056909	056910	056911	056908 DALI	056909 DALI	056910 DALI	056911 DALI
056912	056913	056914	056915				
056916	056917	056918	056919	056916 DALI	056917 DALI	056918 DALI	056919 DALI

Use of lighting fixtures in areas with danger of explosion	Marking of external influences	Area classification	
		Marking	Directive
Danger of explosion of flammable dust	BE3N1	ZONE 22	ČSN EN 60079-14, ČSN EN 60079-10-2
Danger of explosion of flammable gases and vapours	BE3N2	ZONE 2	ČSN EN 60079-14, ČSN EN 60079-10-1