

www.doublepower.cz

AIR

Compact linear LED luminaire for demanding environments

IP66-rated

Luminaire efficacy up to 190 lm/W

Warranty up to 10 years / lifespan over 100,000 hours

Continuous connection possible

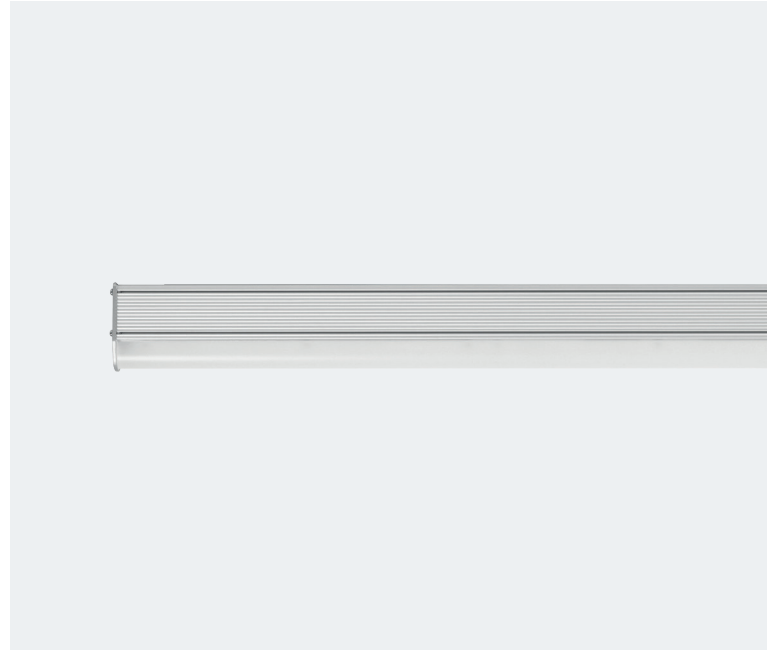
Robust aluminium body with efficient heat dissipation

Suitable replacement for 2 x 36 and 2 x 58 W

T8 lamps



Easy suspension using hanging loops
and sliding M6 nuts



Performance

The doublepower AIR luminaire is designed as a highly efficient solution for demanding industrial facilities, logistics centres, and retail spaces. With a wide range of light distributions, including asymmetric options, AIR can efficiently illuminate both open areas and narrow aisles or inspection workstations. The variety of light distributions and available colour temperatures (2,700–6,500 K) allow precise adaptation of light to the type of space and the visual requirements of the operation.

Durability and Cooling

The robust profile with ribs, made from extruded aluminium profile with anodization finish, provides highly efficient heat dissipation from the LED chips and driver, enhancing the reliability of the LEDs and electronics. The luminaire's design also minimizes dust accumulation, which is important for stable long-term operation even in demanding conditions. The IP66 rating, including the connector, shields the luminaire from dust and high-pressure water. High-quality components, including long-life LEDs and an industrial-grade driver, contribute to a lifespan exceeding 100,000 hours at L80B10 at ambient temperatures up to +50 °C.

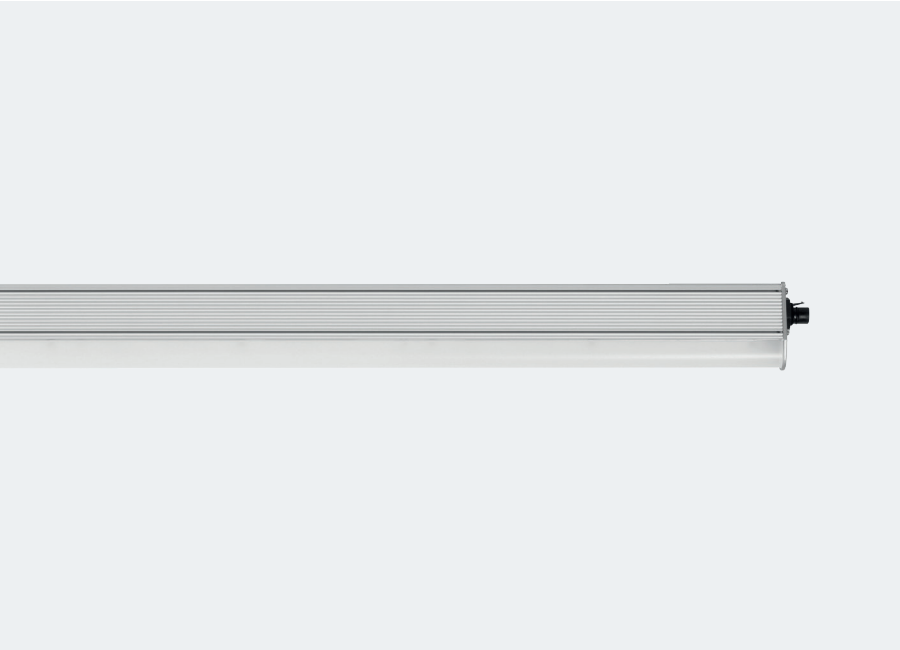


Five types of optics available
to match the installation requirements

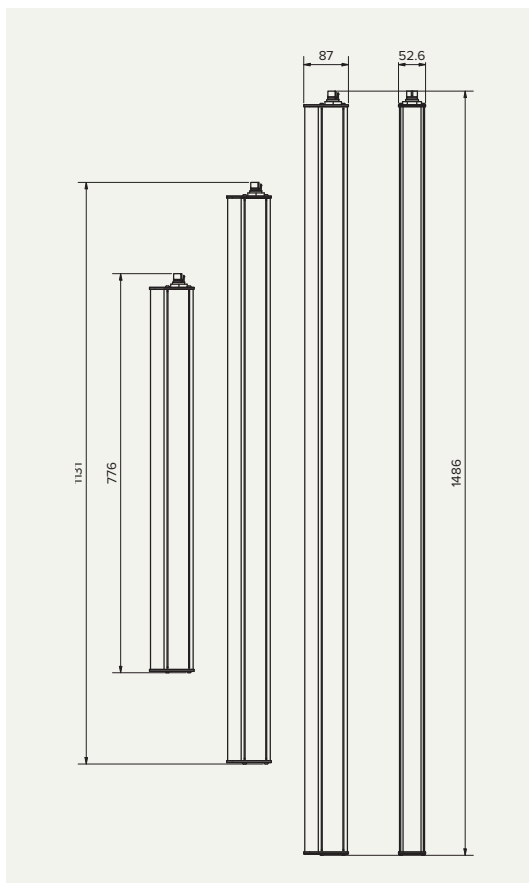
Quick Installation and Flexibility

Flexibility and ease of installation are key advantages of AIR. Mounting with M6 nuts allows installation on suspended structures or rail systems, and continuous connection can be made without disassembling the luminaire. Connection options include a connector, gland, or E-CON system, significantly speeding up installation and maintenance. Available cover, optics, and power variants allow precise configuration for each project type. This makes AIR easy to integrate into new installations or upgrades while providing reliable lighting with minimal operating costs.

Robust profile with ribs,
made from extruded aluminium profile



Connection options via connector,
cable gland, or the E-CON system



Main characteristics

High efficacy up to 190 lm/W at Ta 50 °C

Special optics with low glare and selectable beam angles, including asymmetric options

Available colour temperatures:
2,700–6,500 K, with choice of clear
or diffused cover

Flexible mounting with M6 nuts, compatible
with various suspended or rail systems

Connection via connector, gland, or E-CON
system for easy integration into different
installations

Possibility to create linear systems by linking
multiple luminaires



Specification

	3 modules	4 modules
Output	30 W	43 W / 56 W
Luminous Flux of the Luminaire with 4000 K	5,684 lm	8,305 lm / 10,366 lm
Efficacy of the LED chip / luminaire	201 lm/W / 190 lm/W	
LED Light Source	doublepower!! L128, 2,700 – 6,500 K	
Lifespan of the Luminaire	L80B10 > 100,000 h at Ta +50 °C	
Front cover / body	PMMA (semi-transparent) / aluminium profile	
Protection rating	IP66	
Operating Temperatures and Electronics	-20 °C ~ +50 °C	
Optical system	Linear angle or diffuse optics	
Other	No stroboscopic effect	
	DALI / DSI smooth control, possibility to include into a complex DALI / KNX control system	
Manufacturer	doublepower!! s.r.o. Czech Republic	
Note	Applies to the 30 W version with a colour temperature of 4,000 K and semi-transparent optics. The characteristics of the other versions may differ slightly, mainly depending on the colour temperature and material.	

Dimensions / cm

Code	Name	Weight (kg)	Length	With	Height
EU-AR2-3BEY-xS-xxx-FR-N	doublepower!! AIR 30 W	1.7	113	5.3	8.9
EU-AR2-4BGE-xS-xxx-FR-N	doublepower!! AIR 43 W	2.4	148	5.3	8.9
EU-AR2-4CEY-xS-xxx-FR-N	doublepower!! AIR 56 W	2.4	148	5.3	8.9
EU-AR2-4BGE-xEx-xxx-FR-N	doublepower!! AIR battery 43 W	2.9	150	5.3	8.9

Lighting Characteristics

