Smart [3]

WATERTIGHT LED LUMINAIRE
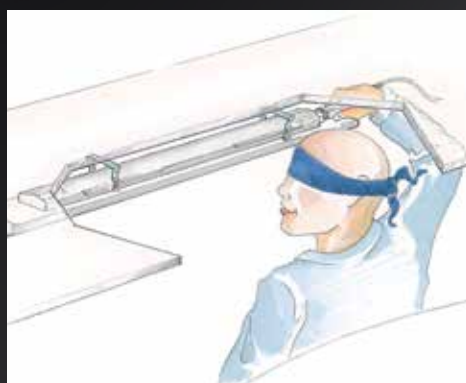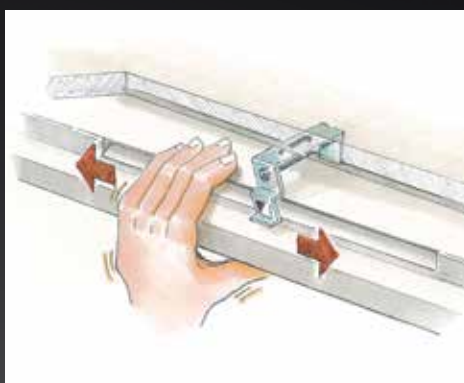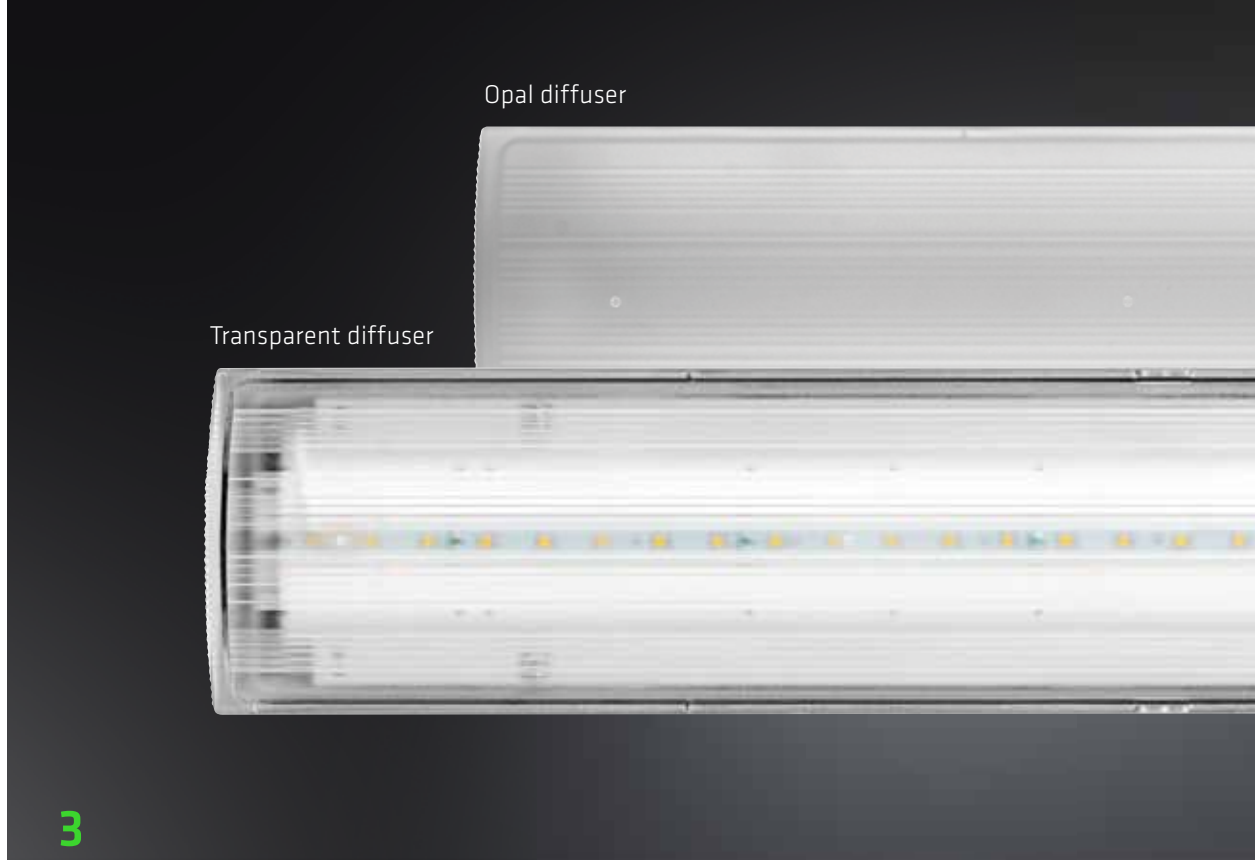
NEW

GEWISS

1

2

Smart [3] is the new range of LED **watertight luminaires** that completes the Smart range. Ideal for use in installations with **limited ceiling height** (lower than 4 metres), these new lighting devices are patented by GEWISS and are entirely designed, developed and **manufactured in Italy**.
They are distinguished by an elegant design that highlights the features of the latest in LED technology, with **extremely low energy consumption**, high impact resistance and **quick, easy installation**.

ELEGANT
EFFICIENT
VERSATILE
SAFE

SO EASY TO INSTALL, YOU COULD ALMOST DO IT BLINDFOLDED!

Opal diffuser

Transparent diffuser

3

1 ELEGANT

The design and geometries of these new luminaires are specially designed to reflect the **compact dimensions** of the latest generation of LED lamps, adding a touch of **elegance and lightness to every application**.

3 VERSATILE

The opal or transparent diffuser with its longitudinal prismatic finish makes **Smart [3]** the perfect solution not only for industrial environments but also in places where the **best possible visual comfort** is required. In addition, their 100% polycarbonate body means they can be **installed in food-related environments** (HACCP, BRC, IFS directives).

2 EFFICIENT

With **Smart [3]**, it is possible to obtain **reductions** in energy consumption of **over 50%** compared with a luminaire that uses traditional lamps (T8). **Saving energy** whilst they are on, and providing light with **exceptional visual comfort**.

4 SAFE

The choice of materials and the design logic of these new luminaires guarantee optimum safety during use and **excellent resistance** to shocks, accidental impact, water jets, damp, foreign bodies and dust.

For various application environments:
- ideal for areas with a high degree of humidity or dust

Industry and commerce
- assembly and production
- auxiliary and service rooms
- cold storerooms
- warehouses and storage areas
- food industry
- supermarkets

Public areas
- car parks and garages
- outdoor areas with canopies
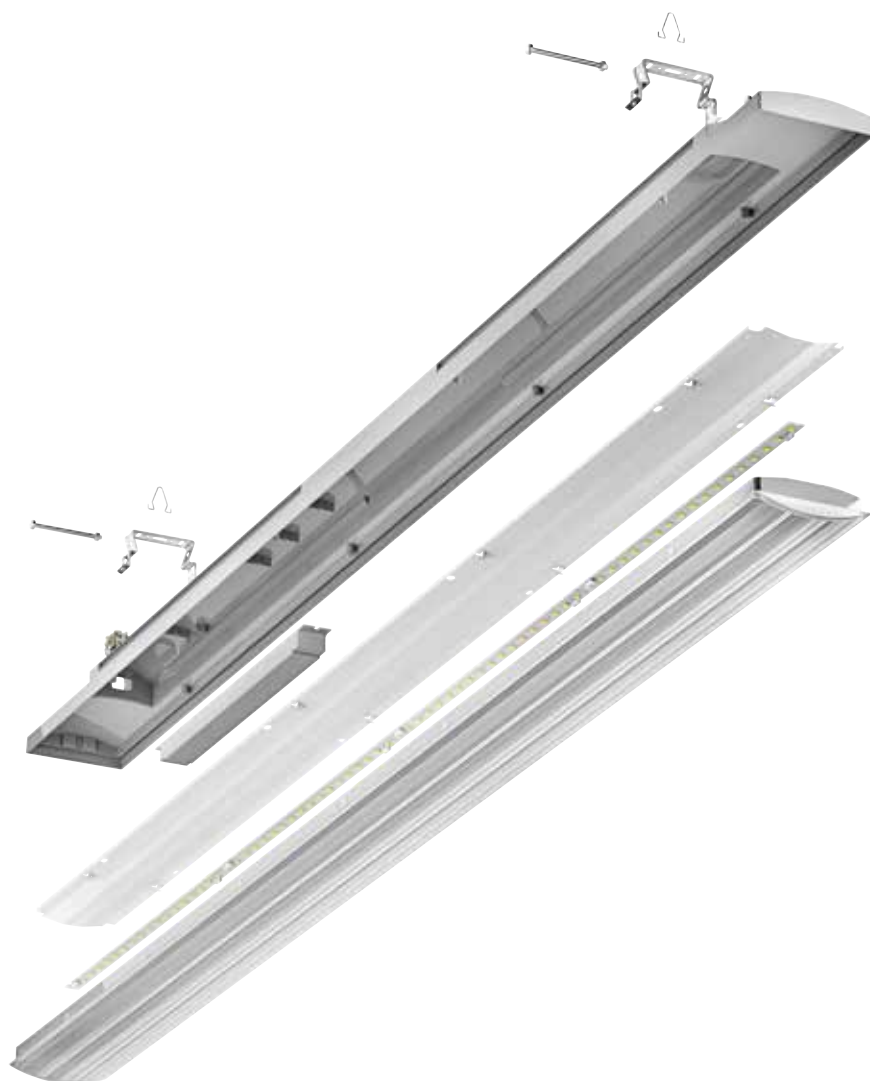- passageway
- schools

4

1

10

TECHNICAL CHARACTERISTICS

1 **IP66/IP69 – IK08 – Class II**
The protection degree, earth-free insulation and high impact resistance allow **Smart [3]** to withstand damp, dirt and dust.

2 **HIGHLY FLEXIBLE INSTALLATION**
The clip attachment has a wide and variable allowance so existing luminaires can be replaced using the same fixing holes, without altering the electrical system.

3 **THREE SIZES**
The three sizes (800mm-1200mm-1600mm) ensure dimensional continuity with traditional luminaires, allowing any lighting system to be easily replaced.
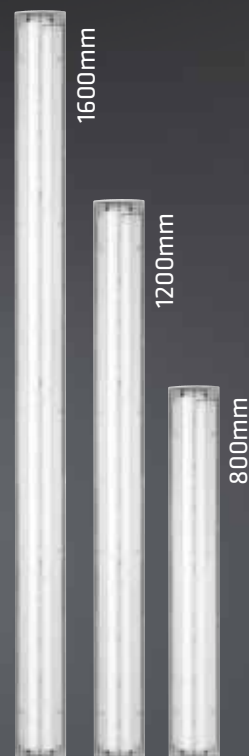
4 **LIGHTWEIGHT**
The luminaires are extremely lightweight, making the installation process feel almost effortless.

2

8

74mm

112mm

3

1600mm

1200mm

800mm

5 DOUBLE FINISHING
Thanks to its longitudinal prismatic finish, the transparent shield ensures optimum lighting efficiency, while the opal shield offers excellent visual comfort.

6 CONTINUOUS WIRING CONNECTION SYSTEM
Versions with continuous wiring connections mean a seamless line of luminaires can be installed, simply using the clip-adapter which is supplied as standard with the product.

7 PLUG AND PLAY CONNECTION
Reduced wiring and installation time is provided by the multi-pole connector's side opening/closing lever.

8 SLIMLINE DESIGN
Compared with the market standards, **Smart [3]** stands out for its compactness, meaning it can be installed in places where space is particularly limited.
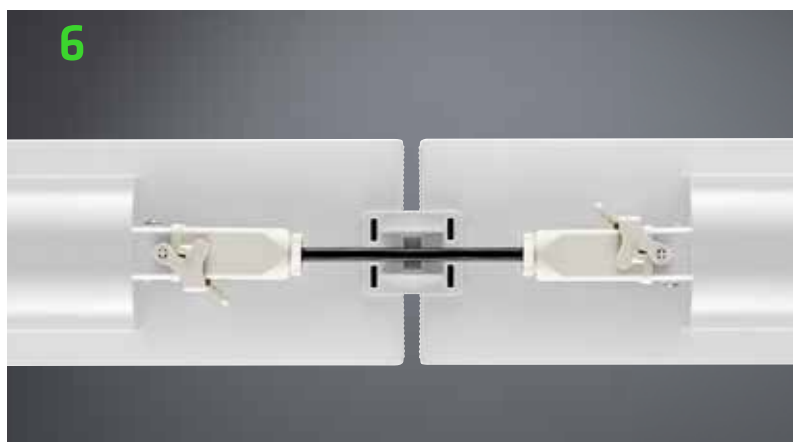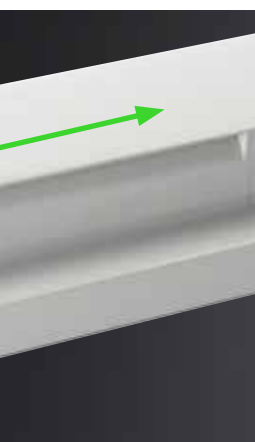
9 80,000-HOUR LIFETIME AND OPERATING TEMPERATURE
Smart [3] guarantees an operating lifespan of at least 80,000h (L70) in standard conditions (-25°+40°C).
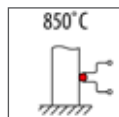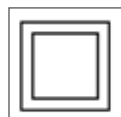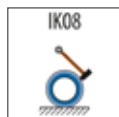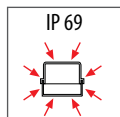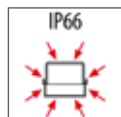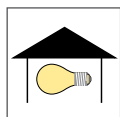
10 COLOUR TEMPERATURE AND COLOUR RENDER INDEX
The colour render index of at least 80, and the 4000K colour temperature, provide optimal lighting conditions to any environment, including the workplace (EN 12464-1).
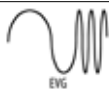
11 SURFACE MOUNTING AT 45°
Using the surface-mounting fixing accessories, the luminaires can be installed at a 30° or 45° angle.
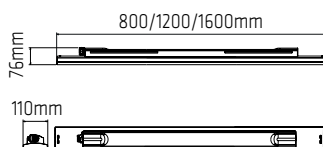

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11

Smart [3]

GEWISS

TRANSPARENT DIFFUSER

GWL5236T

VOLTAGE: 220-240V - 50/60HZ   **Operating temperature: -25°C +40°C**   **Lifetime: L70 ≥ 80,000h**

800/1200/1600mm
76mm
110mm

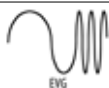| Code	Equivalent to	Length	Number of LEDs	Colour temperature	System power	Lumen output	System efficiency*
GWS3118T	1x18W FD	800mm	36	4000K (CRI 80)	14W	1670	119 lm/W
GWS3136T	1X36W FD	1200mm	54	4000K (CRI 80)	20W	2510	125 lm/W
GWS3158T	1X58W FD	1600mm	72	4000K (CRI 80)	26W	3350	129 lm/W
GWS3218T	2x18W FD	800mm	42	4000K (CRI 80)	27W	3230	120 lm/W
GWS3236T	2X36W FD	1200mm	63	4000K (CRI 80)	39W	4840	124 lm/W
GWS3258T	2X58W FD	1600mm	84	4000K (CRI 80)	51W	6460	127 lm/W

* The value is calculated by taking into consideration the overall flux losses of the device.
Versions with 3000K or 5700K LEDs are available upon request, along with dimmable (DALI) and emergency versions.
NB: with the aim of ensuring the development, revision and updating of its devices, Gewiss reserves the right to make alterations without any forewarning.

OPAL DIFFUSER

GWL5236P

VOLTAGE: 220-240V - 50/60HZ   **Operating temperature: -25°C +40°C**   **Lifetime: L70 ≥ 80,000h**

800/1200/1600mm
76mm
110mm

Code	Equivalent to	Length	Number of LEDs	Colour temperature	System power	Lumen output	System efficiency*
GWS3118P	1x18W FD	800mm	36	4000K (CRI 80)	14W	1540	110 lm/W
GWS3136P	1X36W FD	1200mm	54	4000K (CRI 80)	20W	2320	116 lm/W
GWS3158P	1X58W FD	1600mm	72	4000K (CRI 80)	26W	3090	117 lm/W
GWS3218P	2x18W FD	800mm	42	4000K (CRI 80)	27W	2990	111 lm/W
GWS3236P	2X36W FD	1200mm	63	4000K (CRI 80)	39W	4480	115 lm/W
GWS3258P	2X58W FD	1600mm	84	4000K (CRI 80)	51W	5980	117 lm/W

* The value is calculated by taking into consideration the overall flux losses of the device.
Versions with 3000K or 5700K LEDs are available upon request, along with dimmable (DALI) and emergency versions.
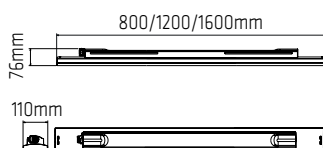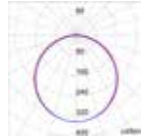NB: with the aim of ensuring the development, revision and updating of its devices, Gewiss reserves the right to make alterations without any forewarning.

OPAL DIFFUSER - QUICK WIRING CONNECTION

GWL5236PL

VOLTAGE: 220-240V - 50/60HZ   **Operating temperature: -25°C +40°C**   **Lifetime: L70 ≥ 80,000h**

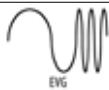| Code	Equivalent to	Length	Number of LEDs	Colour temperature	System power	Lumen output	System efficiency*
GWS3136PL	1X36W FD	1200mm	54	4000K (CRI 80)	20W	2320	116 lm/W
GWS3158PL	1X58W FD	1600mm	72	4000K (CRI 80)	26W	3090	117 lm/W
GWS3236PL	2X36W FD	1200mm	63	4000K (CRI 80)	39W	4480	115 lm/W
GWS3258PL	2X58W FD	1600mm	84	4000K (CRI 80)	51W	5980	117 lm/W

* The value is calculated by taking into consideration the overall flux losses of the device.
Versions with 3000K or 5700K LEDs are available upon request, along with dimmable (DALI) and emergency versions.
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COMPLEMENTARY ITEMS

COMPLEMENTARY ITEMS FOR INSTALLATION

Code	Description
GWS3191	Bracket for surface-mounting at 30° or 45°
GWS3192	2P 10A connector

For further commercial information, refer to the LIGHTING catalogue.

APPLICATION EXAMPLES

Small factories

Lighting requirements

Requisite EN 12464-1 in the work area 300 lux (for general work with machinery). Higher levels increase visibility.

53% annual energy savings

	Fluorescent	Smart [3]
Power	2x36W FD	39W LED
Lifetime	15,000 hours	50,000 hours
Long-term savings per device*		**€ 263.00** equivalent to 2,197 kWh

* On the basis of the European average of 12 cents/kWh, and calculated on the entire lifetime of the device.

Underground car parks

Lighting requirements

Requisite EN 12464-1 in circulation areas 75 lux. Higher levels increase visibility.
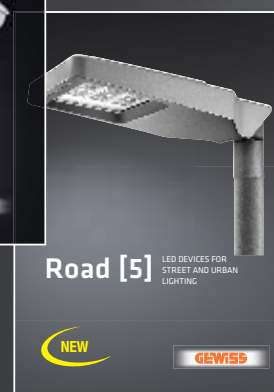
53% annual energy savings

	Fluorescent	Smart [3]
Power	1x36W FD	20W LED
Lifetime	15,000 hours	50,000 hours
Long-term savings per device*		**€ 132.00** equivalent to 1,098 kWh

* On the basis of the European average of 12 cents/kWh, and calculated on the entire lifetime of the device.

Smart [4] HB/LB

A complete system of
LED lighting

Smart [3]

ASTRID LED

Smart [4] FL

Smart [4]

Astrid Range

Street
Street MAXI [O]
Urban

Road [5] LED DEVICES FOR
STREET AND URBAN
LIGHTING

NEW

GEWISS

PB 22354 EN - 12.15