

Splash LED.

The industrial efficacy wonder.

up to
110 lm/W





The challenge.

Increase efficacy.

One of the main aims for industrial lighting is the optimisation of efficacy, resources and service life. On top of this, there are ever stricter energy and labour law guidelines. This requires lighting solutions that adapt to spatial conditions, increase productivity and reduce energy cost and maintenance.



The solution.

Efficient for maintenance and energy consumption –
Splash LED.

Splash LED meets all the expectations for a professional moisture-proof luminaire. The perfect fine tuning of the latest LED technology – with innovative lighting technology, high-quality materials and functional mounting concepts – guarantees first-class light levels for flawless operation over a long period of time. Five different types of mounting and the measurable reduction of maintenance and energy cost are also highly commendable.

- application-specific light guiding
- homogenous illumination
- luminaire luminous flux up to 5850 lm
- considerable energy savings of over 50% compared to conventional light sources
- diverse mounting options thanks to choice between single or rail mounting
- temperature range of -20 up to +40 °C



Product range overview Splash LED.

		Body / Diffuser		
		PC / PC	PC clear / PC clear	ABS / PMMA
		Length		
		1272 mm 1572 mm	1272 mm 1572 mm	1277 mm 1577 mm
Single luminaire	wide beam	●	●	●
	narrow beam	●	●	●
	asymmetrical beam	●	○	○
Single luminaire with DV ¹⁾	wide beam	●	●	●
	narrow beam	●	●	●
	asymmetrical beam	○	○	○
System luminaire ²⁾	wide beam	●	●	○
	narrow beam	●	●	○
	asymmetrical beam	○	○	○

Range available with conventional illuminants T26 / T16.

¹⁾ Through-wiring 2,5 mm² ● Standard items
²⁾ System luminaire for connection to ICE support profile ○ on request

Splash LED.

Everything at a glance.

Splash moisture-proof LED luminaire sourced with LEDs for mounting on ceilings and walls, for pendant mounting using V2A universal clamps, wattage: 39 or 54 W, luminaire luminous flux 4000 to 5850 lm, light colour 4000 K, neutral white, colour rendering index CRI > 80, 230V, direct/indirect luminaire, homogenous lighting through primary diffuser for evenly spreading light density from the LEDs and light guiding wide or narrow beam spreads or asymmetrical beam spreads with an reflector integrated into the diffuser, impact-resistant body with an clear polycarbonate diffuser or ABS body with an clear PMMA diffuser, gear tray made from powder-coated sheet metal, supporting brackets: PC version made from stainless steel, for ABS version made from polyamide, 5-pole terminal block, optional with 2.5mm² through-wiring, ballast with aluminium heat sink for optimal thermal management, lifespan L70 of 50,000 h, luminaire luminous flux of 103 to 110 lm/W, ambient temperatures of -20°C up to +40°C, for application in interior spaces and covered outdoor areas, IP 66 rated, dimensions: 1272/1572 x 95 x 111 mm.

Splash LED as a system luminaire pre-wired with ICT (Instant Contact Technology) with 1.5 mm² or 2.5 mm² cut-in contact clips, connection to ICE support profile via pre-mounted metal carrier with integrated springs, IP 24 rated, dimensions: 1277/1577 x 95 x 111 mm.

The features.

The moisture-proof luminaire without compromise.



Efficient thermal management.
Splash LED's central mounted aluminium profile carries out two essential tasks at once. On the one hand, there's the intelligent attachment of the LED module, which means that it can be changed without the use of tools. On the other hand, there's the efficient heat sink of the LED module, and thus the optimal operation point. Only a optimal thermal management guarantees a long LED life-span of up to 50,000 hours.



Perfect light guiding.
For economical and even lighting, light guiding that is adapted to the particular application is key. With the in-house developed primary diffuser, the light is guided and the points of light are diffused together with the secondary diffuser. The result is less light pressure, an even illumination or a wide, narrow or asymmetrical beam light distribution, adapted to the application.



Design specific to the area of application.
Whether resistant to chemicals or low temperatures – the requirements placed on a durable industrial luminaire vary greatly. The three housing variants of Splash LED, which differ in their material, ensure the optimal solution. The variant furnished with stainless steel brackets and made from impact-resistant and UV-stabilised polycarbonate is highly durable, completely leakproof, and, being the "clear" version with transparent casing, guarantees a high-quality appearance. If the Splash LED is also exposed to chemicals, the materials ABS and PMMA as well as plastic lat-ches are used.



Extremely versatile.
To offer you as much flexibility as possible, the Splash LED has been designed as a single luminaire or as a system luminaire to connect to the supporting profile ICE. With the pre-wired ICT (Instant Contact Technology), the ICE Splash LED can be connected without tools and simply clicks into the profile. You save time and money.

The benefits.

Lower energy consumption. Long-term investments.

Huge application possibilities.

Direct comparison of Splash LED with Splash T26 – wide beam light distribution

Project : Multi-storey car park

Dimensions : 99 × 16.5 × 3.00 m

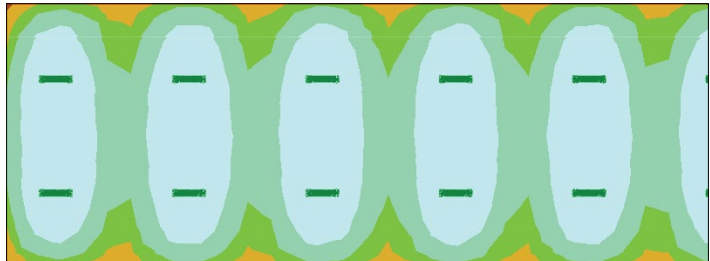
Degrees of reflection : 0.6/0.5/0.2

Solution	Splash LED	Splash T26 with EVG	Damp-proof luminaire with VVG
Light distribution	wide beam	wide beam	wide beam
Lumen	5850	3800	3800
W	54	58	67
Quantity	26	44	44
Em	76	78	78
U _o	0.47	0.45	0.45
EN 12464-1	ok	ok	ok
W / m ²	0.86	1.56	1.8
W / m ² / 100 lux	1.14	2	2.31

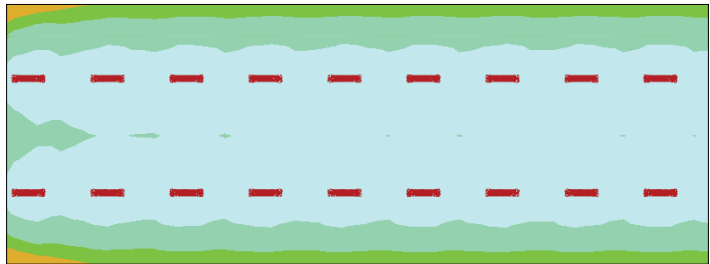
up to
52%
reduction in energy
consumption

Optimisation of the investment costs

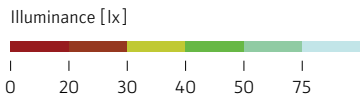
Reduction in costs due to reducing the number of luminaires



Splash LED 54W



Splash T26 1×58W

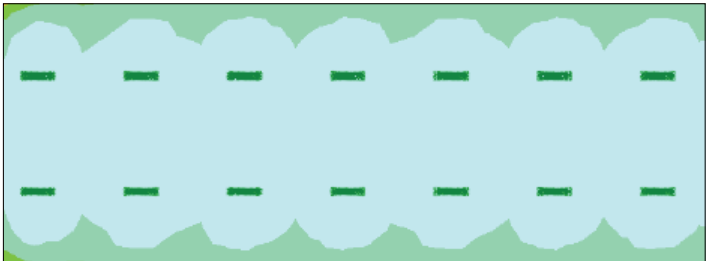


Solution	Splash LED	Splash T26 with EVG	Damp-proof luminaire with VVG
Light distribution	wide beam	wide beam	wide beam
Lumen	5850	3800	3800
W	54	58	67
Quantity	34	56	56
Em	98	100	100
U _o	0.5	0.44	0.44
EN 12464-1	ok	ok	ok
W / m ²	1.12	1.9	2.3
W / m ² / 100 lux	1.14	1.9	2.3

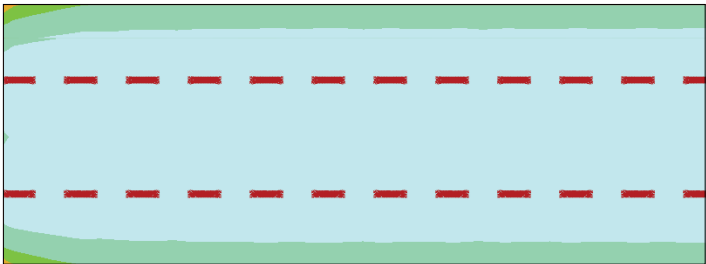
up to
52%
reduction in energy
consumption

Optimisation of the lighting

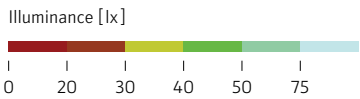
Even lighting despite reduction in number of luminaires used



Splash LED 54W



Splash T26 1×58W

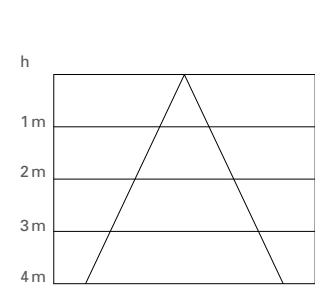


Setting asymmetrical accents.

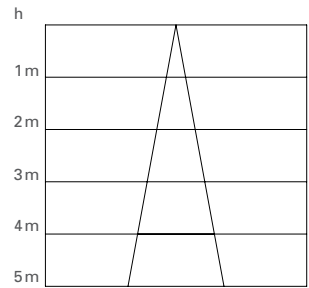
Put billboards, cash machines or any vertical surface in an underground car park in the limelight – with the Splash LED variant with asymmetrical beam light distribution. Behind that is the reflector, directly integrated into the primary lens, which guides the light in the direction you choose, in a targeted manner.

Brighten high halls with narrow beam spread.

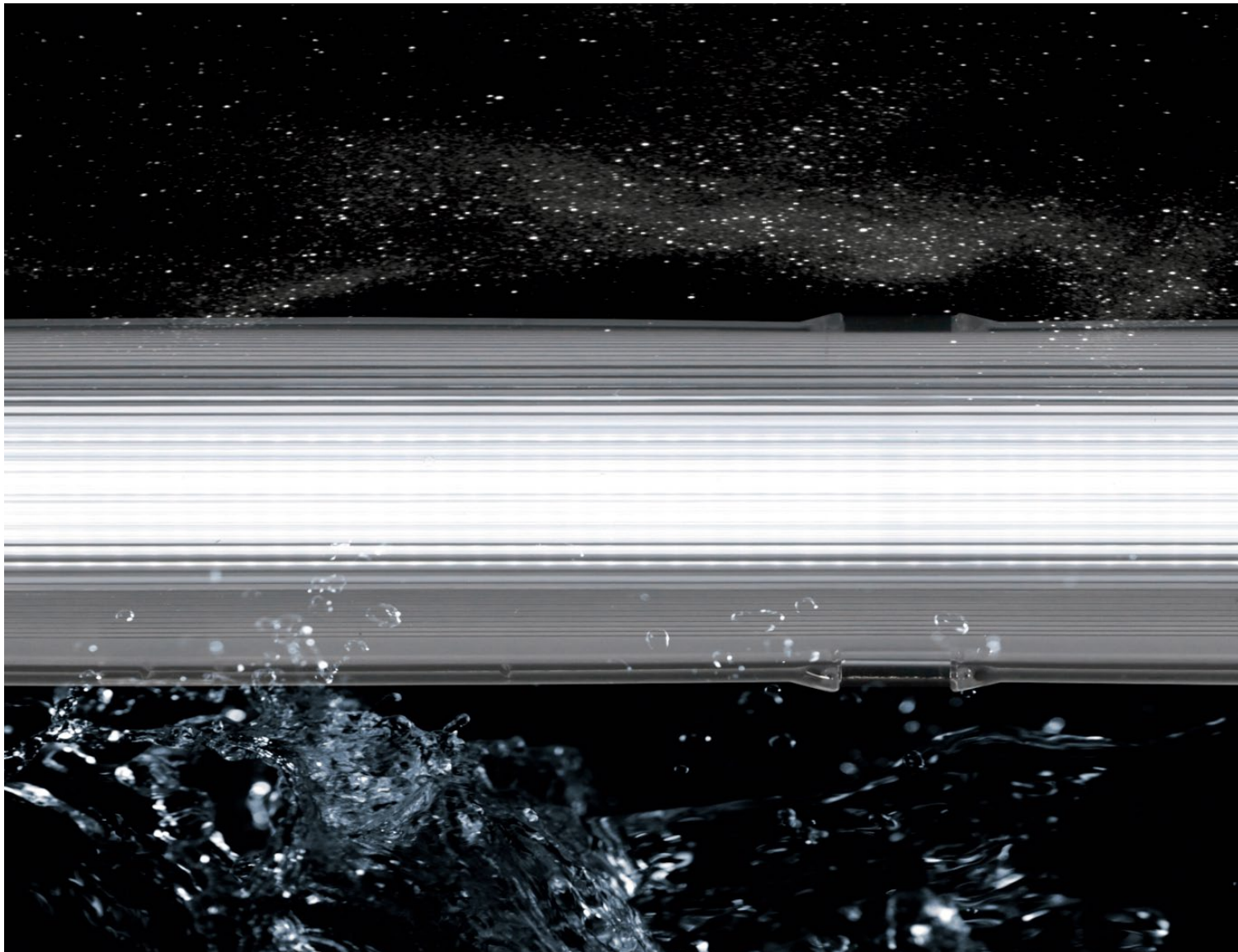
Different ceiling heights place different requirements on lighting. For low ceiling heights, the Splash LED with wide beam light distribution offers the best options. Suitable for lighting spaces up to 4 meters high. For higher constructions the narrow beam version is used. The light is distributed evenly and in a targeted manner onto the floor space.



up to 4m high: use wide beam spread



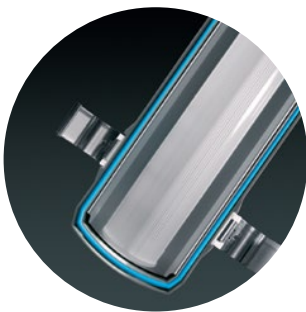
over 4m high: use narrow beam spread



The areas of application.

Made for the most varying conditions.

The construction of the functional illumination family guarantees outstanding sealing against dust, moisture and dirt. This means that the inner workings are effectively protected on a long-term basis. This guarantees reliable performance and thanks to the LED technology there is almost no maintenance required. And that's at extremely low or high temperatures, too. Created for industrial environments, Splash LED delivers the protection that's necessary.



foamed-in sealing



temperature resistant up to -20 °C



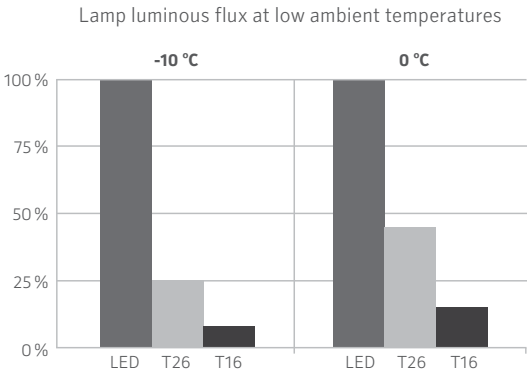
temperature resistant up to +40 °C



Hot to ice cold –

Splash LED made for the coldest places.

The moisture-proof luminaire Splash LED is perfectly suited to long-term and efficient use in cold storage cells and rooms with temperatures of up to minus 20 degrees. The luminous flux is 100 % available straight away. Even at low temperatures, the luminaire luminous flux stays at its usual high level. The result: a reduction in the total number of luminaires needed. These can be switched on, only when necessary and they, therefore, have a longer lifespan. And all this in spite of permanently icy temperatures.



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