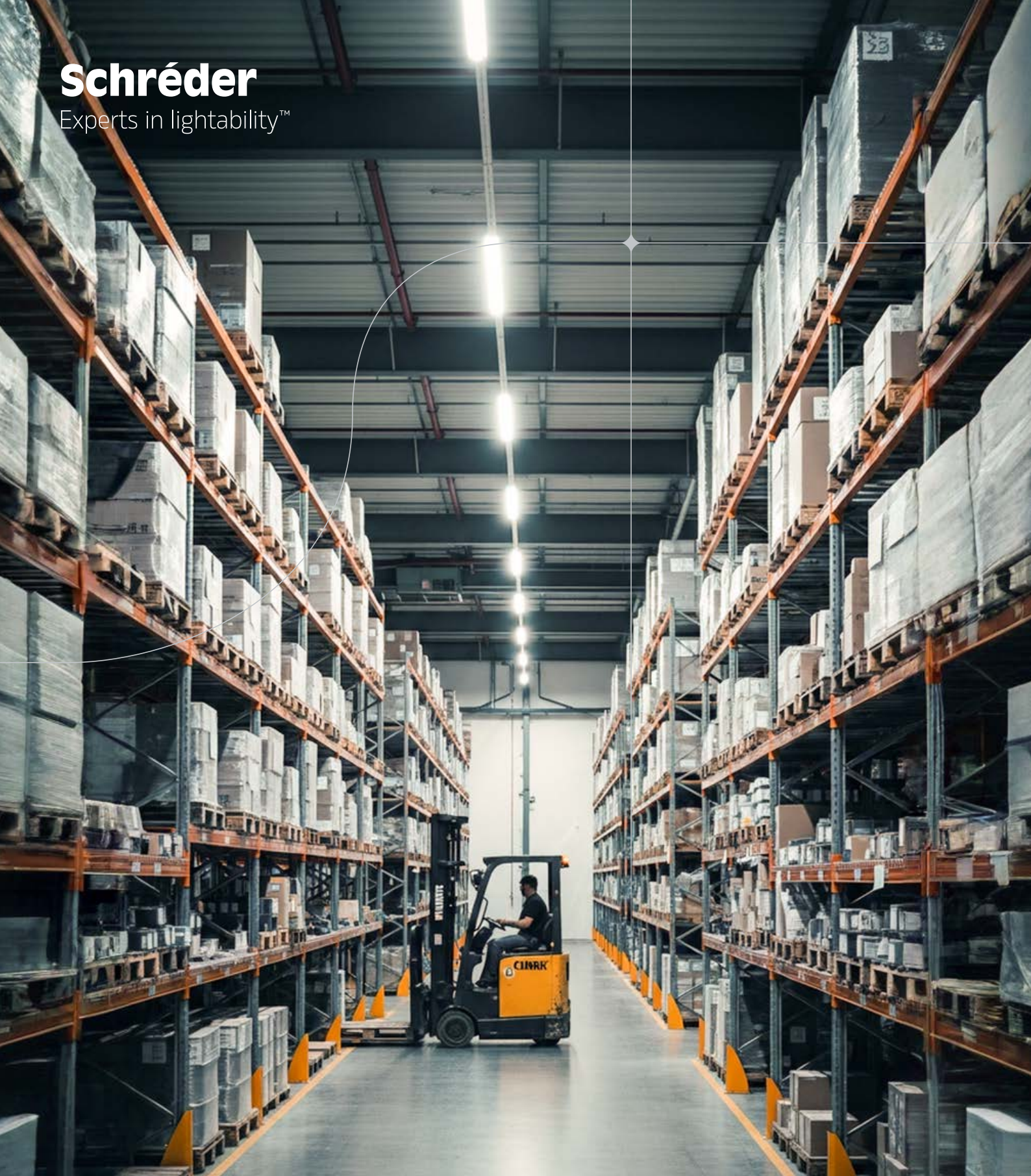


Schröder
Experts in lightability™



Industry

Catalogue

INDOOR AND OUTDOOR LIGHTING



AUTONOMOUS SOLAR LIGHTING



SMART POLES



CONTROL SYSTEM







The must-have **lighting** **control solution** for facilities

Schröder ITERRA offers site managers a robust, cost-effective and future-proof platform to run their infrastructure with the utmost flexibility for adapting the lighting to any scenario or activity while maximising energy savings and providing the best experience for employees, visitors and managers.



Discover more



1

100% wireless
control system for
indoor and outdoor
industrial facilities

2

Easy to operate
with an intuitive
visual interface

3

Works with all
**standard control
protocols**

4

High level of
cyber security

LIGHT AT YOUR COMMAND

- > Dim the light to the right level
- > Adapt light colour temperature
- > Group luminaires in clusters
- > Create programmed lighting scenarios
- > Program lighting animations
- > Define calendar-based triggers
- > Integrate photocells to harvest daylight
- > Comfort: guarantees a sense of well-being
- > Integrate sensors for light-on-demand scenarios
- > Control from the mobile App, a switch, or a remote
- > Manage access rights

Schröder ITERRA for **all industrial and large area** applications



Access roads



Car parks



Manufacturing plants



Distribution centres



Warehouses



Waste treatment



Laboratories



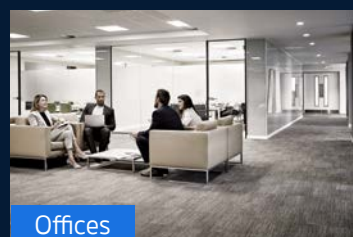
Shipping areas



Loading bays



Repair workshops



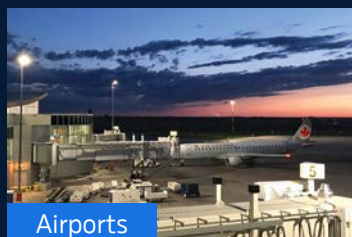
Offices



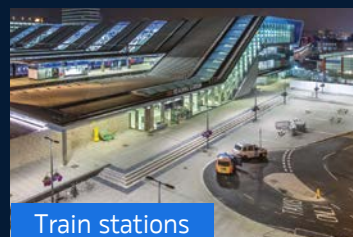
Meeting/conference rooms



Mines



Airports



Train stations



Harbours



Bus terminals





SCHRÉDER ITERRA CONTRIBUTES TO

ENVIRONMENTS
PEOPLE **LOVE**
TO WORK IN

INDU BAY



MAIN APPLICATIONS



INDUSTRIAL
HALLS &
WAREHOUSES



LARGE
AREAS



SPORT
FACILITIES



CAR PARKS

Setting the
benchmark
in high-bay
lighting

With the 3rd generation INDU BAY, Schröder offers the leading luminaire for lighting industrial facilities with a minimised total cost of ownership.

More efficient, lighter, versatile, designed for the requirements of specific industries (metal, automotive, food and beverage, etc.) and smart, it delivers the best solution on the market today for high-bay applications.

It outperforms all other fixtures thanks to the substantial energy savings it generates and the performance it delivers over time.

Available with various lumen packages, light distributions and mounting options, INDU BAY adapts the lighting to meet the specific needs of your environment.

It not only lowers your investment; it maximises it. By providing a comfortable environment for your staff while limiting energy consumption to what is absolutely necessary.



INDU BAY GEN4

1

2

Ingress protection (IP)

IP66

Impact resistance (IK)

IK08 (glass protector)
IK10 (polycarbonate protector)

Luminaire output (flux)

Up to
18,675lm

Up to
37,920lm

Colour temperature

Neutral white 840 and 940 or cool white 857

Nominal voltage

220-240V / 50-60hz





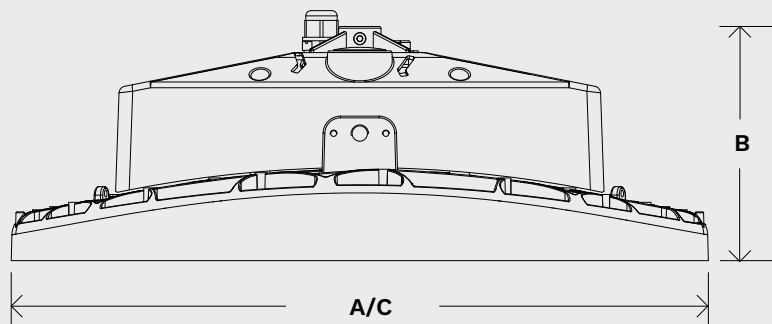
KEY ADVANTAGES

- > High energy savings compared to systems with traditional discharge lamps
- > Light-on-demand feature with optional motion sensor
- > High visual comfort
- > Versatile mounting options
- > No hazardous materials
- > Onsite lighting adjustment via driver's integrated DIP switch

DIMENSIONS | MOUNTING

INDU BAY GEN4	1	2
A	320mm 12.6"	400mm 15.7"
B	135mm 5.3"	137mm 5.4"
C	320mm 12.6"	400mm 15.7"
KG	2.6-3.0kg 5.7-6.6lbs	3.9-4.6kg 8.6-10.1lbs

INDU BAY is delivered with a hook for a suspension chain (not included). A fork mounting system enables the luminaire to be inclined on-site for precise adjustment.



DESIGN HIGHLIGHTS



INDU BAY is equipped with a graduated U-bracket for precise on-site setting.



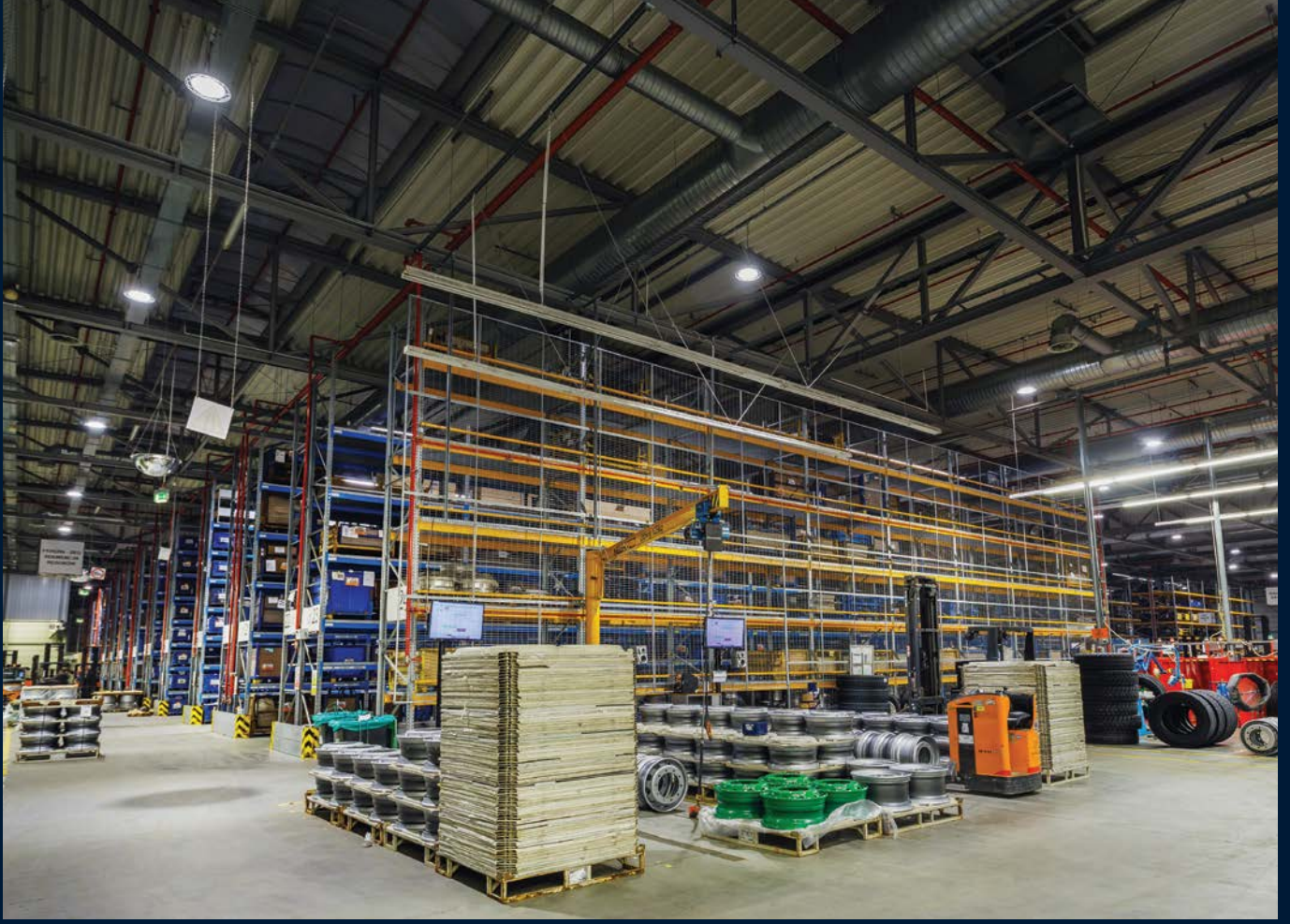
INDU BAY is a connected-ready luminaire that can be equipped with a Zhaga socket.



INDU BAY is a robust, ball-throwing-proof lighting solution optimised for indoor sport and harsh industrial environments.



INDU BAY allows profitable savings without compromising on safety and comfort.



INDU LINE

MAIN APPLICATIONS



INDUSTRIAL
HALLS &
WAREHOUSES



SPORTS
FACILITIES



CAR PARKS

Efficiency and comfort for any industrial environment

INDU LINE offers a robust and efficient LED alternative for replacing fixtures fitted with T5/T8 fluorescent tubes.

Designed to perform in harsh industrial environments, INDU LINE GEN4 has a robust, compact mechanical design that makes it highly resistant and easy to install in any kind of infrastructure. Whether in sports facilities, warehouses, manufacturing plants with dusty or wet conditions, corridors, underground car parks, or underpasses, INDU LINE GEN4 offers a reliable lighting solution. Available in various materials, this luminaire meets any type of local requirement or legislation.

With a lifetime five times longer than a fluorescent tube, this modern linear LED luminaire lowers the total cost of ownership of a lighting installation with the guarantee of high efficiency.

INDU LINE GEN4 creates safe and comfortable working conditions thanks to its low glare and high colour rendering index to optimise productivity.

INDU LINE GEN4	1	2	3
Ingress protection (IP)	IP66		
Impact resistance (IK)	IK08 (polycarbonate) IK02 (PMMA)		
Luminaire output (flux)	Up to 3,602lm	Up to 8,758lm	Up to 11,227lm
Colour temperature	Neutral white 840		
Nominal voltage	220-240V / 50-60Hz		





KEY ADVANTAGES

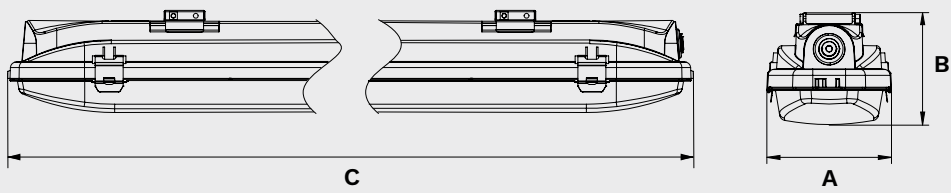
- > LED alternative for fixtures equipped with fluo T5/T8 lamps
- > Cuts energy costs by up to 50%
- > Easy installation and maintenance free
- > Light-on-demand feature with optional motion sensor
- > High luminaire efficiency
- > Efficient, uniform and glare-free light
- > Emergency lighting with optional battery
- > Long service life
- > On-site lighting adjustment via driver's integrated DIP switch

DIMENSIONS | MOUNTING

INDU LINE GEN4	1	2	3
A	102mm 4.0"	102mm 4.0"	102mm 4.0"
B	82mm 3.2"	80mm 3.1"	80mm 3.1"
C	614mm 24.2"	1174mm 46.2"	1454mm 57.2"
KG	0.9kg 2lbs	2kg 4.4lbs	2.2kg 4.8lbs



Standard mounting with stainless steel clips.



MY1 LED



MAIN APPLICATIONS



INDUSTRIAL
HALLS &
WAREHOUSES



TUNNELS &
UNDERPASSES



CAR PARKS

Flexible and beneficial LED alternative to fluorescent tubes

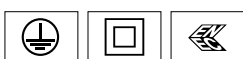
Combining robustness, efficiency and flexibility, MY1 LED is a sustainable alternative to fluorescent tubes for lighting indoor areas such as industrial halls, warehouses, tunnels and car parks.

Thanks to its modern and elegant design, MY1 LED creates a visually appealing environment while offering safety and visual comfort.

Designed to provide operational benefits for site managers, this state-of-the-art LED linear lighting solution is characterised by its long lifetime, high efficiency, minimised energy costs, maintenance-free requirements and quick installation.



MY1 LED	1	2	3	4
Ingress protection (IP)	IP67			
Impact resistance (IK)	IK10			
Luminaire output (flux)	Up to 4,342lm	Up to 7,953lm	Up to 11,741lm	Up to 15,986lm
Colour temperature	Warm white 830 or neutral white 740			
Nominal voltage	220-240V / 50-60hz			





KEY ADVANTAGES

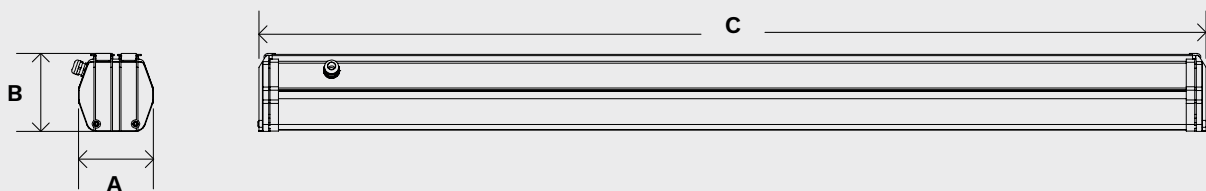
- > Robust luminaire to replace fixtures with T5/ T8 fluorescent tubes
- > 4 sizes for flexibility
- > Very high tightness level (IP 67)
- > Tool-free access for easy maintenance
- > Versatile mounting options

DIMENSIONS | MOUNTING

MY1 LED	1	2	3	4
A	126mm 5"	126mm 5"	126mm 5"	126mm 5"
B	131mm 5.2"	131mm 5.2"	131mm 5.2"	131mm 5.2"
C	295mm 11.6"	462mm 18.2"	672mm 26.5"	881mm 34.7"
KG	1.4kg 3.1lbs	2.1kg 4.6lbs	3.2kg 7.0lbs	3.9kg 8.6lbs



Standard mounting with stainless steel clips.



INDU FLOOD



MAIN APPLICATIONS



INDUSTRIAL
HALLS &
WAREHOUSES



LARGE
AREAS



SPORT
FACILITIES



CAR PARKS

Efficiency and versatility for indoor and outdoor area lighting

With multiple combinations of lumen packages and light distributions, INDU FLOOD is the ideal tool to provide an efficient multi-purpose lighting solution for industrial environments.

Available in 3 sizes, this compact luminaire perfectly integrates environments to provide the exact lighting requirements for the space to be lit. Delivered with a mounting bracket and also available with a post-top fixation, it can be adjusted on-site for precise optical control. It is perfect for replacing fixtures with discharge lamps from 50 to 800W.

INDU FLOOD provides a bright white light for excellent visibility and colour perception, delivering value beyond energy savings.

Its robust design, with a high IP rating, guarantees performance for many years to come, even in the harshest conditions.

	  		
INDU FLOOD GEN2	1	2	3
Ingress protection (IP)		IP66	
Impact resistance (IK)		IK09	
Luminaire output (flux)	Up to 10,385lm	Up to 31,407lm	Up to 62,775lm
Colour temperature	Warm white 722, Warm white 727, Warm white 730 or neutral white 740		
Nominal voltage	120-277V / 220-240V / 347-480V / 50-60Hz		





KEY ADVANTAGES

- > High efficiency with low operating costs
- > 3 sizes and multiple light distributions
- > One design for aesthetic consistency in multi-purpose applications
- > High energy savings compared to systems with traditional discharge lamps
- > Dimmable for even more energy savings
- > Light-on-demand feature with optional motion sensor
- > Fast ROI thanks to long life span and reduced maintenance

DIMENSIONS | MOUNTING

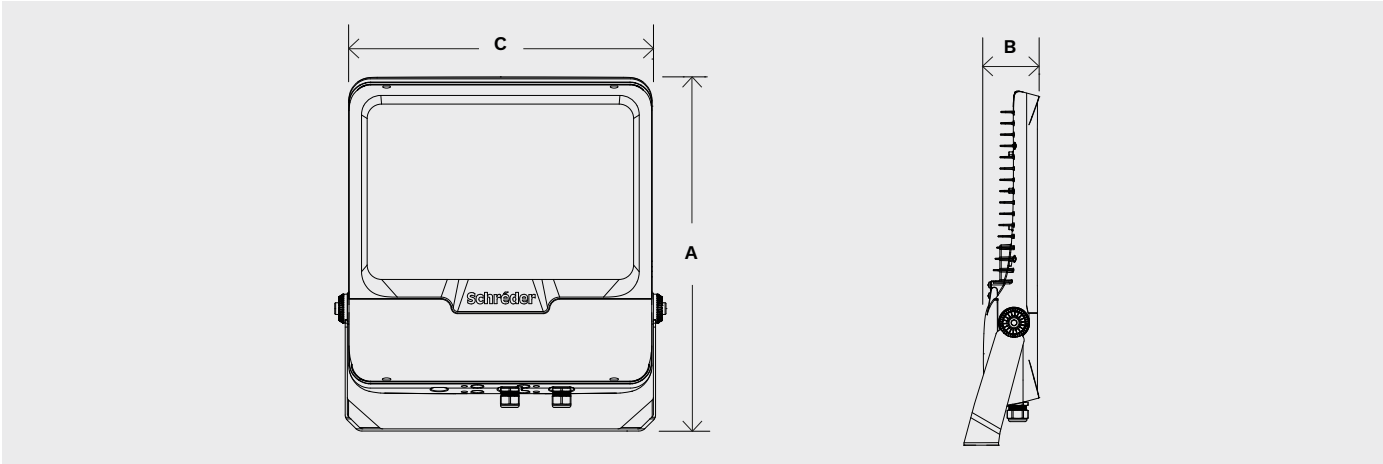
INDU FLOOD GEN2	1	2	3
A	390mm 15.4"	492mm 19.4"	622mm 24.5"
B	77mm 3"	77mm 3"	90mm 3.5"
C	321mm 12.6"	421mm 16.6"	521mm 20.5"
KG	5.6kg 12.3lbs	8.8kg 19.4lbs	16.8kg 37lbs



Ø60mm
Ø76mm



Fork enabling the inclination to be adjusted. Optional post-top mounting.



INDUSTRY

DESIGN HIGHLIGHTS



The universal U-bracket includes a graduation system for precise on-site setting.



INDU FLOOD provides easy access to the gear compartment.



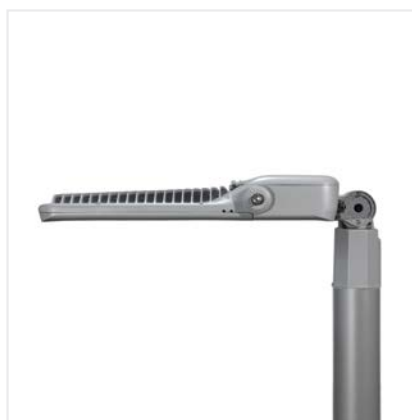
The floodlight includes two cable glands at the back (in and out) for a daisy chain layout. It is designed for integration with building management systems (DALI 2.0 or 1-10V protocol).



As an option, INDU FLOOD can be equipped with a sensor (motion and daylight) for light-on-demand scenarios.



The post-top mounting enables easy adjustment of the tilt angle of the luminaire on site.



INDU FLOOD GEN2 offers post-top mounting with an optional adapter.



OMNISTAR



MAIN APPLICATIONS



ROADS & MOTORWAYS



TUNNELS & UNDERPASSES



LARGE AREAS



INDUSTRIAL HALLS & WAREHOUSES



SPORT FACILITIES



ACCENT & ARCHITECTURAL



CAR PARKS

Designed to bring massive savings and benefits to area lighting

OMNISTAR provides a beneficial lighting solution in a variety of indoor and outdoor applications such as tunnels, docks, industrial buildings, sport facilities, large car parks and airports.

This platform has been designed to provide an unrivalled combination of performance and flexibility for lighting areas where high lumen packages are needed with the added advantages of a LED solution: low energy consumption, improved visibility with white light, limited maintenance and longer life.

OMNISTAR can be installed in various configurations (suspended, surface-mounted or post-top) with one to three optical units. OMNISTAR can operate with a wide range of outdoor and tunnel control solutions (daylight sensors, dimming, remote management, ATS 4) and a building management system with the DALI protocol to further maximise energy savings by adapting the lighting levels according to the actual needs of the area to be lit.



OMNISTAR

1 optical unit

Ingress protection (IP)

IP66

Impact resistance (IK)

IK08 (glass protector)
IK10 (polycarbonate protector)

Luminaire output (flux)

Up to
84,600lm

Colour temperature

Warm white (727, 730 and 830), neutral white (740 and 840)
or cool white (857)

Nominal voltage

220-240V / 120-277V / 347-480V
50-60Hz





KEY ADVANTAGES

- > Real beneficial LED alternative to HID floodlights for high-power applications
- > Flexibility: modular approach with wide range of lighting distributions
- > Highly efficient light distributions reduce the quantity of luminaires to be installed
- > Various mounting options and inclination possibilities on-site for optimal photometry
- > Explosion-proof variant for use in industrial environments with a hazardous atmosphere
- > Various control options including remote management systems

DIMENSIONS | MOUNTING

OMNISTAR

A 532mm | 20.9"

B 80mm | 3.1"

C 530mm | 20.9"

KG 12kg | 26.4lbs

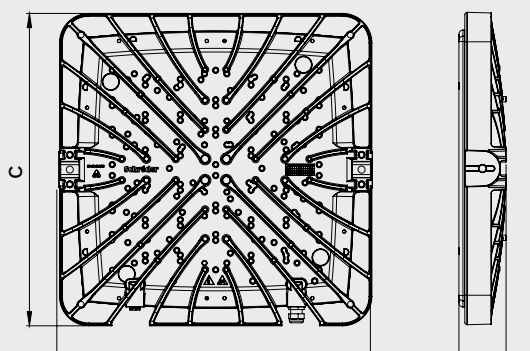


Ø60mm
Ø76mm
Ø76-108mm



Ø60mm
Ø76mm

OMNISTAR is available with various suspended mounting systems (fixed, tiltable or suspension with chains) for indoor areas and tunnels.



DESIGN HIGHLIGHTS



The standard bracket enables the luminaire to be angled on-site.



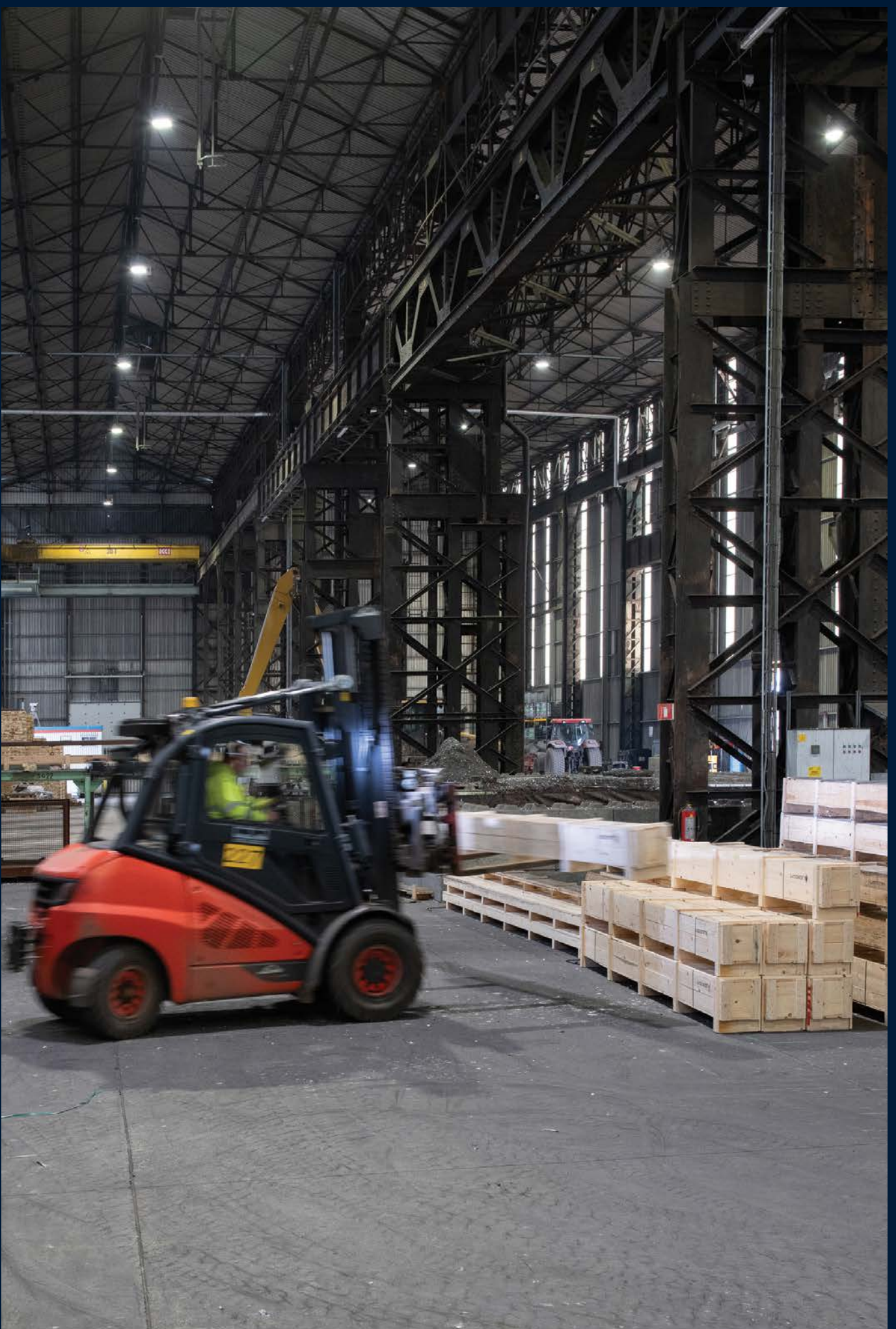
The OMNIBOX and OMNIBOX XL driver boxes can be easily connected to one or more OMNISTAR luminaires for easy installation and maximum flexibility.



With up to 240 high-power LEDs, OMNISTAR delivers high lumen packages.



OMNISTAR is delivered with quick connectors for easy installation.



OMNISTAR KIT



MAIN APPLICATIONS



ROADS & MOTORWAYS



TUNNELS & UNDERPASSES



LARGE AREAS



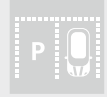
INDUSTRIAL HALLS & WAREHOUSES



SPORT FACILITIES



BRIDGES

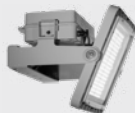


CAR PARKS

Complete, powerful lighting solution, dedicated to industrial and large area applications

OMNISTAR KIT is a combination of the powerful OMNISTAR optical unit and the innovative gear box – the OMNIBOX. Available in three versions, these luminaires offer a modular and powerful LED lighting solution for applications such as warehouses, high bays, tunnels, sports arenas, airports, car parks and large areas.

OMNISTAR KIT luminaires have been designed to provide unrivalled photometric performance for lighting areas where high lumen packages are needed, while benefiting from all the advantages of an economical LED solution: reduced energy consumption, limited maintenance and fast return on investment.

			
OMNISTAR KIT	STD	PRO	ECO
Ingress protection (IP)	IP66		
Impact resistance (IK)	IK08 (glass protector) IK10 (polycarbonate protector)		
Luminaire output (flux)	Up to 84,600lm		
Colour temperature	Warm white (727, 730 and 830), neutral white (740 and 840) and cool white (857)		
Nominal voltage	120-277V / 220-240V / 347-480V / 50-60Hz		



KEY ADVANTAGES

- > Real beneficial LED alternative to HID floodlights for high-power applications
- > Cost-effective and efficient to maximise energy and maintenance savings
- > Highly efficient light distributions reduce the quantity of luminaires to be installed
- > Various mounting options and inclination possibilities on-site for optimal photometry
- > Explosion-proof variant for use in industrial environments with a hazardous atmosphere
- > Various control options including remote management systems

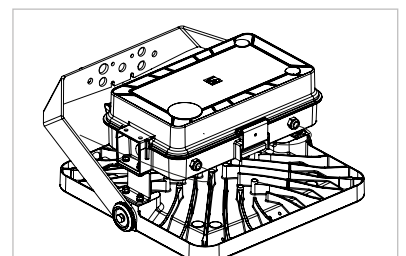


DIMENSIONS | MOUNTING

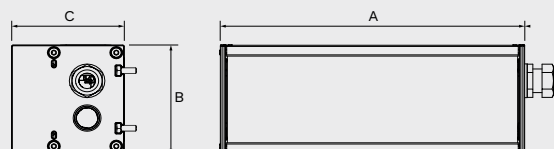
OMNISTAR KIT	STD	PRO	ECO
A	586mm 22.9"	806mm 31.7"	586mm 22.9"
B	294mm 11.6"	355mm 14.0"	237mm 9.3"
C	581mm 22.9"	582mm 22.9"	582mm 22.9"
KG	27kg 59.4lbs	33kg 72.6lbs	27kg 59.4lbs



Ø60mm
Ø76-108mm



The U-shaped bracket enables surface mounting with on-site inclination.



NEOS

Design: Michel Tortel



MAIN APPLICATIONS



LARGE AREAS



RAILWAY STATIONS & METROS



BIKE & PEDESTRIAN PATHS



URBAN & RESIDENTIAL STREETS



SQUARES & PEDESTRIAN AREAS



BRIDGES



CAR PARKS



ROADS & MOTORWAYS

The most versatile solution for your applications

The true successor to the renowned NEOS luminaires, NEOS GEN2 celebrates 20 years of innovation by introducing a new generation born from the best of the digital era in lighting.

NEOS GEN2 is the first LED floodlight to seamlessly combine advanced lighting technology with elegant design, making it the ideal solution for a wide range of applications.

Compact yet powerful, sophisticated yet innovative, NEOS GEN2 offers exceptional versatility and energy efficiency.



NEOS GEN2

1

2

Ingress protection (IP)

IP66

Impact resistance (IK)

IK10

Luminaire output (flux)

Up to 12,300lm

Up to 22,400lm

Colour temperature

Warm white (722, 727, 827, 730 and 830), neutral white (740 and 840) or cool white (757, 857 and 957)

Nominal voltage

220-240V / 120-277V - 50-60Hz



UL 1598
CSA C22.2
No. 250.0





KEY ADVANTAGES

- > Compact and versatile
- > LensoFlex®4 versatile solutions for high-end photometries maximising comfort
- > Optics based on BlastFlex™ technology offering a wide range of beams: very narrow to asymmetrical beams
- > Connected-ready
- > Zhaga-D4i certified
- > Adjustable inclination on-site

DIMENSIONS | MOUNTING

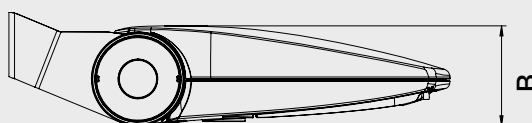
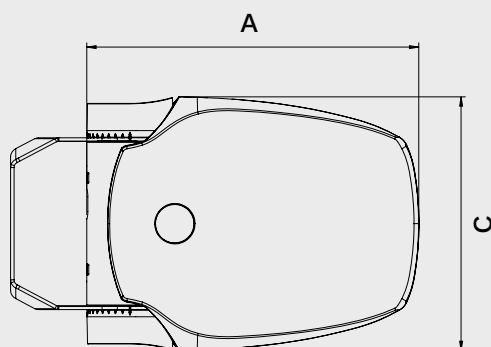
NEOS GEN2	1	2
A	383.5mm 15.1"	416mm 16.4"
B	107mm 4.2"	107mm 4.2"
C	293mm 11.5"	416mm 16.4"
KG	7.1kg 15.6lbs	11.1kg 22.2lbs



Mounting by means of a fork enables the inclination to be precisely adjusted on-site.



Discover more



PROTOS



MAIN APPLICATIONS



ROADS & MOTORWAYS



URBAN & RESIDENTIAL STREETS



BIKE & PEDESTRIAN PATHS



SQUARES & PEDESTRIAN AREAS



RAILWAY STATIONS & METROS



CAR PARKS



LARGE AREAS



SPORTS AREAS

A smart, self-sufficient solar lighting solution for off-grid urban and rural needs



Born from Photinus Schröder's innovation in solar technology, PROTOS is a robust, elegant solution that delivers light wherever it's needed – without the need for grid power.

PROTOS is engineered for simplicity and performance. Ideal for locations with limited infrastructure, it combines a high-efficiency solar panel, advanced optics, and intelligent controls to deliver reliable lighting all year round. Its modular design adapts to your project: one or two luminaires, flexible solar panel sizes, and adjustable tilt to optimise energy harvesting.

The in-ground battery ensures discreet integration, longer lifespan, and better protection against theft or extreme temperatures. Everything is designed for fast deployment, with toolless connectors and minimal maintenance.

Whether lighting streets, car parks, access roads or outdoor workspaces, PROTOS offers reliable autonomy, flexible dimming profiles and optional motion sensors for light-on-demand.

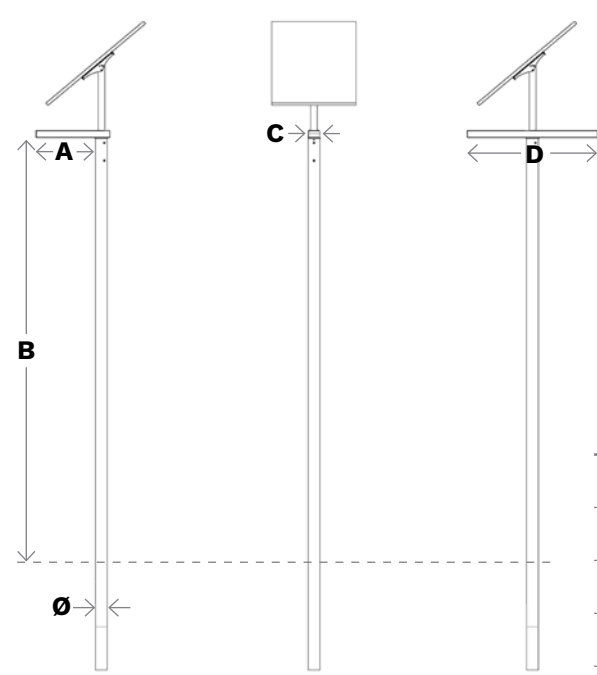
						
PROTOS	150	275	150 DUO	275 DUO		
Typical luminaire output flux (range)	500 to 7,600lm		1,000 to 15,200lm			
Power consumption	3W to 49W		6W to 98W			
Colour temperature	Warm white (722 and 730), neutral white (740)					
Solar panel peak power	150Wp	275Wp	150Wp	275Wp		
Battery	LiFePO ₄ - 512Wh (40Ah) or 1152Wh (90Ah)					



KEY ADVANTAGES

- > Two sizes of solar panel to suit project requirements
- > Independent settings (tilt and orientation) for solar panel and luminaire
- > Designed for easy on-site deployment and adjustment
- > In-ground sealed battery for optimum performance and longevity
- > One or two (back-to-back) luminaires
- > Numerous light distributions
- > Optional sensors for light-on-demand scenarios

DIMENSIONS



	A (mm inch)	B (mm ft)	C (mm inch)	D (mm inch)	Ø (mm inch)
PROTOS 150	670 26	4200 14	125 4.9	-	89 3.5
PROTOS 275		5000 16			133 5.2
PROTOS 150 DUO	-	4200 14		1470 58	89 3.5
PROTOS 275 DUO		5000 16			133 5.2

DESIGN HIGHLIGHTS



Elegant square design, premium finish and a seamless, cable-free aesthetic.



Supplied as an easy-to-assemble kit for simplicity and convenience.



Waterproof components (LED module, power supply and cabling) make the luminaire lightweight and easy to install.



Available with two sizes of monocrystalline solar panel to suit any geography.



Toolless coded connectors for all connections.



The IPX8 LiFePO₄ battery offers superior water resistance and reliable performance.



PROTOS WITH SCHRÉDER LUMINAIRES

The PROTOS solution, combining pole, solar panel and luminaire bracket, is available with a selection of Schröder luminaires. It brings solar power to trusted, recognisable designs while offering the extensive range of light distributions from the LensoFlex®4 platform.



PROTOS 150+TECEO S



PROTOS 275+TECEO GEN2 1



PROTOS 150+IZYLUM NEO 1



PROTOS 275+IZYLUM NEO 2



VERTICALIS



MAIN APPLICATIONS



A sleek, solar-powered streetlight for smart, sustainable cities and towns



With its bold design and vertical solar integration, VERTICALIS delivers reliable lighting – anywhere, anytime – without the need for grid power.

VERTICALIS brings together cutting-edge design and dependable autonomy. With its sleek square column and vertical photovoltaic panels, it blends seamlessly into urban and residential landscapes while harvesting energy efficiently – even in overcast conditions. Its modular architecture allows multiple configurations with one or two luminaires, and its vertical layout prevents snow build-up for reliable year-round lighting.

The smart, in-ground LiFePO_4 battery ensures long-lasting performance, thermal stability, and theft protection. With tool-free connectors and just three components to assemble, VERTICALIS is quick and easy to install.

From streets and car parks to footpaths and bike lanes, VERTICALIS provides reliable autonomy, dimming profiles, and optional motion sensors for intelligent light-on-demand.

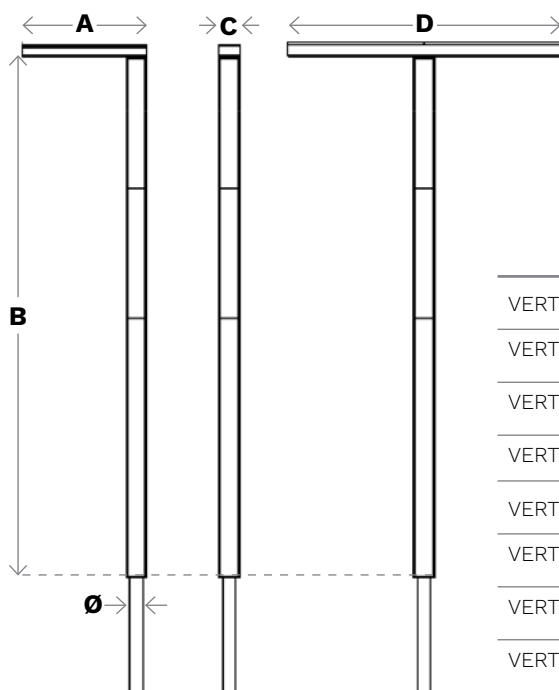
	VERTICALIS				VERTICALIS DUO			
	150	300	450	600	150 DUO	300 DUO	450 DUO	600 DUO
Typical luminaire output flux (range)	500 to 7,600lm				1,000 to 15,200lm			
Power consumption	3W to 49W				6W to 98W			
Colour temperature	Warm white (722 and 730), neutral white (740)				Warm white (722 and 730), neutral white (740)			
PV module quantity	4	8	12	16	4	8	12	16
Solar panel peak power	160Wp	320Wp	480Wp	640Wp	160Wp	320Wp	480Wp	640Wp
Battery	LiFePO_4 - 512Wh (40Ah) or 1152Wh (90Ah)				LiFePO_4 - 512Wh (40Ah) or 1152Wh (90Ah)			



KEY ADVANTAGES

- > Seamless integration of high-performance photovoltaic modules in an elegant square column pole design
- > Versatile architecture (solar module layout) to maximise solar energy harvesting
- > Ability to harvest energy in poor weather conditions
- > In-ground sealed battery for optimum performance and longevity
- > One or two (back-to-back) luminaires
- > Numerous light distributions
- > Optional sensors for light-on-demand scenarios

DIMENSIONS



	A	B	C	D	Ø
	(mm inch)	(mm ft)	(mm inch)	(mm inch)	(mm inch)
VERTICALIS 150	1150 45	4800 15	195 7.7	-	121 4.7
VERTICALIS 300		4800/6000/8000 15/19/26			
VERTICALIS 450					
VERTICALIS 600					
VERTICALIS DUO 150	-	4800 15	195 7.7	2300 90	121 4.7
VERTICALIS DUO 300		4800/6000/8000 15/19/26			
VERTICALIS DUO 450					
VERTICALIS DUO 600					

DESIGN HIGHLIGHTS



High quality finish with perfect integration of vertical photovoltaic panels.



Easy installation with only 3 main components (pole, luminaire and battery) to mount and connect.



Waterproof components (LED module, power supply and cabling) make the luminaire lightweight and easy to install.



The IPX8 LiFePO₄ battery offers superior water resistance and reliable performance.



Modular by design: VERTICALIS adapts the number and orientation of PV modules to match local needs and maximise solar energy harvest.



A hybrid variant of VERTICALIS is also available for backup power when needed – solar first, grid only when necessary.



ALTEZZA



MAIN APPLICATIONS



An elegant, solar-powered luminaire for resilient, off-grid lighting

With its sleek form and vertical PV panels, ALTEZZA ensures reliable performance – even in harsh weather – without relying on the grid.

ALTEZZA is built for environments where resilience matters. Its four vertically mounted solar panels optimise energy capture in overcast, foggy or snowy conditions, while also preventing snow accumulation. This ensures dependable lighting performance all year round.

Its clean, cable-free design integrates one or two luminaires, with multiple light distributions and mounting options to suit diverse outdoor spaces – from residential streets to cycle paths and remote roads.

An advanced in-ground LiFePO₄ battery maximises durability, protects against theft and extreme temperatures. Installation is quick and intuitive, thanks to toolless coded connectors and lightweight components.

With optional motion sensors and smart dimming profiles, ALTEZZA delivers light when and where it is needed – making it an efficient and sustainable choice for modern urban and rural projects.

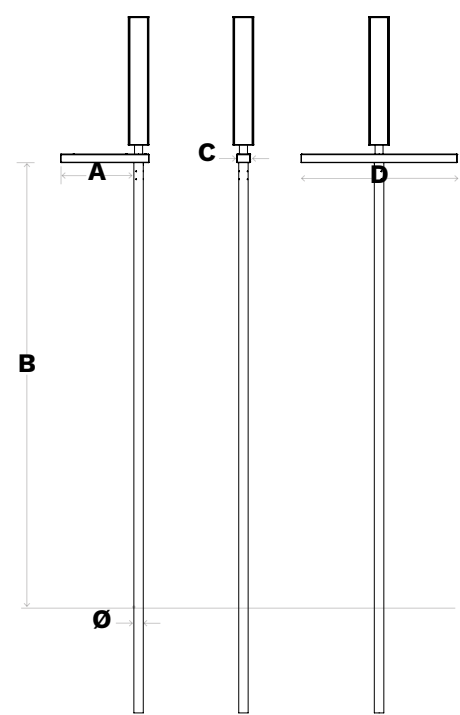
ALTEZZA	150	150 DUO
Typical luminaire output flux (range)	500 to 7,600lm	1,000 to 15,200lm
Power consumption	3W to 49W	6W to 98W
Colour temperature	Warm white (722 and 730), neutral white (740)	
PV module quantity	4	
Solar panel peak power	160Wp	
Battery	LiFePO ₄ - 512Wh (40Ah)	



KEY ADVANTAGES

- > Sleek and elegant design
- > High-performance vertical solar panels for optimum energy capture
- > Designed to prevent snow accumulation, ensuring year-round reliability
- > Engineered for easy on-site installation
- > Durable in-ground sealed battery for enhanced performance and longevity
- > Configurable with one or two luminaires and various light distributions
- > Optional sensors for light-on-demand scenarios

DIMENSIONS



	A	B	C	D	Ø
	(mm inch)	(mm ft)	(mm inch)	(mm inch)	(mm inch)
ALTEZZA 150	692 27	4200 14	125 4.9	1472 58	89 3.5
ALTEZZA 150 DUO					

DESIGN HIGHLIGHTS



Sleek square design, high-quality finish, and a clean, cable-free look.



A wide range of light distributions and colour temperatures to suit any project.



The range includes ALTEZZA 150 with one luminaire and ALTEZZA 150 DUO with two.



The IPX8 LiFePO₄ battery offers superior water resistance and reliable performance.



Waterproof components (LED module, power supply and cabling) make the luminaire lightweight and easy to install.



PREVIA



MAIN APPLICATIONS



URBAN & RESIDENTIAL STREETS



BIKE & PEDESTRIAN PATHS



SQUARES & PEDESTRIAN AREAS



RAILWAY STATIONS & METROS



CAR PARKS



SPORTS AREAS

Smart solar guidance for everyday paths



PREVIA is a refined solar bollard that blends subtle design with reliable performance, guiding pedestrians and cyclists with safe, warm light while operating fully off-grid.

Compact yet powerful, PREVIA integrates vertical photovoltaic panels that harvest energy in all conditions without obstruction from snow or foliage

Available in 120Wp or 150Wp versions, it combines a long-life LiFePO₄ battery, intelligent day/night detection and optional “light-on-demand” sensors for multi-night autonomy and reduced light pollution.

Easy to deploy with plug-and-play connectors and robust finishes in custom colours, PREVIA offers a cost-effective, sustainable choice for sidewalks, driveways, promenades and parks.

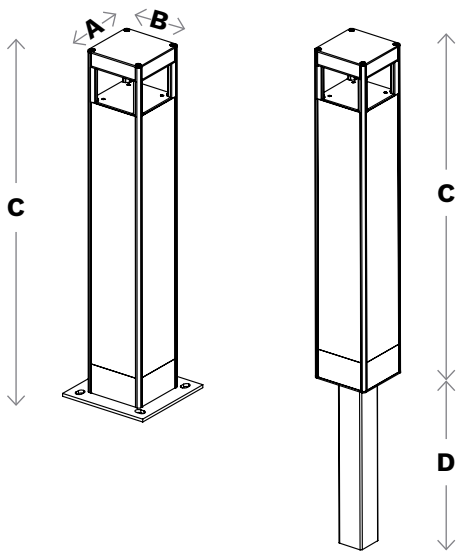
		
PREVIA	120	150
Typical luminaire output flux (range)	200 to 3,300lm	
Power consumption	2W to 31W	
Colour temperature	Warm white 730	
PV module quantity	4	
Solar panel peak power	120Wp	160Wp
Battery	LiFePO ₄ - 230Wh (18Ah)	



KEY ADVANTAGES

- > Unobstructed energy absorption: vertical solar panel design prevents blockage by snow and foliage
- > Versatile applications: ideal for pavements, driveways, parks and more
- > Intelligent controls: automatic day/night detection and customisable dimming programmes
- > Robust and durable: high quality components and weatherproof materials ensure longevity
- > Easy to deploy: no complex installation, wiring or excavation required

DIMENSIONS



	A (mm inch)	B (mm inch)	C (mm ft)	D (mm inch)
PREVIA 120	176 7	176 7	1200 4	1000 39
PREVIA 150			1500 5	

FLAMINIA



MAIN APPLICATIONS



URBAN & RESIDENTIAL STREETS



BIKE & PEDESTRIAN PATHS



SQUARES & PEDESTRIAN AREAS



RAILWAY STATIONS & METROS



CAR PARKS



SPORTS AREAS

Minimalist
solar light
for modern
outdoor
spaces

FLAMINIA is a compact solar bollard that turns simplicity into strength, combining streamlined design with dependable off-grid lighting for paths, squares and building surroundings.

With its slim form and discreet vertical photovoltaic panels, FLAMINIA captures daylight without obstruction and secures reliable autonomy thanks to its LiFePO₄ battery and advanced energy management.

Designed for seamless integration into contemporary landscapes, it blends practicality with refined aesthetics.

Easy to deploy with plug-and-play connectors and built from robust, weather-resistant materials, FLAMINIA offers a sustainable, elegant solution for safer, more welcoming pedestrian areas.



FLAMINIA

55

Typical luminaire
output flux (range)

800 to
2,400lm

Power consumption

6W to 21W

Colour temperature

Warm white (730)

PV module quantity

2

Solar panel peak power

56Wp

Battery

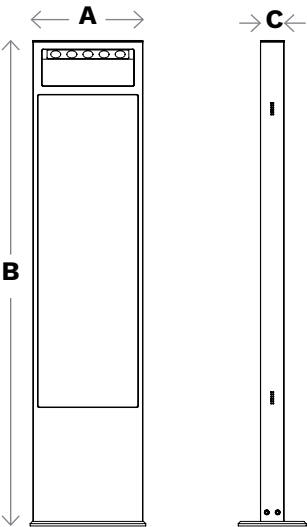
LiFePO₄ - 230Wh (18Ah)



KEY ADVANTAGES

- > Contemporary, streamlined design that blends effortlessly into a variety of environments
- > Vertical solar panels that maximise energy capture and prevent performance degradation due to snow or foliage
- > Reliable operation with advanced power management for consistent lighting regardless of conditions
- > Durable construction using high quality materials to ensure longevity and resistance to harsh weather conditions
- > Hassle-free installation with compact and modular design for easy deployment

DIMENSIONS



	A	B	C
	(mm inch)	(mm inch)	(mm ft)
FLAMINIA 55	242 9.5	1070 42	52 2

LUMIELLE



MAIN APPLICATIONS



SQUARES & PEDESTRIAN AREAS



RAILWAY STATIONS & METROS



SPORTS AREAS

A solar column that brings ambiance and messages to life

LUMIELLE goes beyond lighting: it is a solar-powered design column that combines ambient illumination with infinite customisation for signage, logos and public messages.

Seamlessly integrating vertical photovoltaic panels, an underground LiFePO₄ battery and advanced controls, LUMIELLE offers full autonomy while blending into contemporary cityscapes.

Its surfaces can be tailored to display backlit graphics, branding or public information, turning each column into a unique landmark.

Easy to install with plug-and-play connectors, LUMIELLE is a sustainable medium for light, communication and identity, designed to adapt endlessly to the needs of cities, communities and businesses.



LUMIELLE

160

Typical luminaire output flux (range)

900 to 4,800lm

Power consumption

6W to 30W

Colour temperature

Warm white (930), cool white (960)

PV module quantity

4

Solar panel peak power

160Wp

Battery

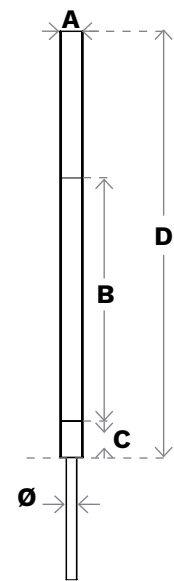
LiFePO₄ - 512Wh (40Ah)



KEY ADVANTAGES

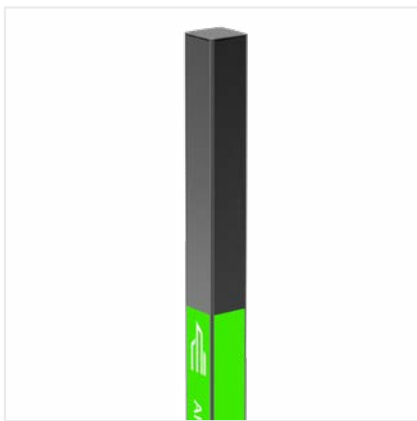
- > Infinite customisation with backlit surfaces for logos, signage or public information
- > Strong visual identity that enhances branding for cities, communities or companies
- > Ambient illumination that creates a welcoming and distinctive atmosphere
- > Sleek design with vertical solar panels integrated into a contemporary column
- > Fully autonomous operation independent from the electricity grid
- > Simple installation with plug-and-play connectors and minimal site preparation

DIMENSIONS



	A	B	C	D	Ø
	(mm inch)	(mm ft)	(mm ft)	(mm ft)	(mm inch)
LUMIELLE 160	195 7.7	2000 6.6	300 1	3500 11.5	90 3.5

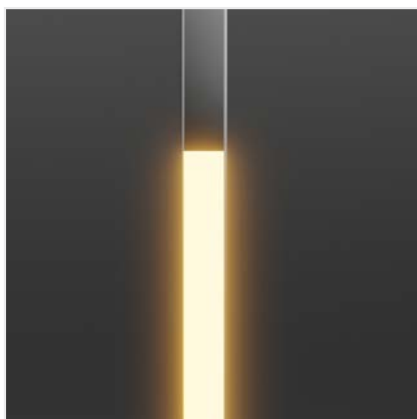
DESIGN HIGHLIGHTS



LUMIELLE stands out with its elegant square design and premium finish, a perfect fit for contemporary urban spaces and architecture.



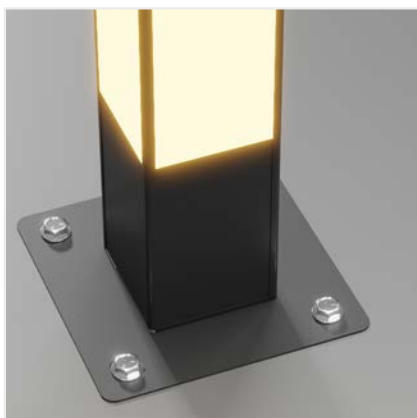
Highly efficient vertical solar panels capture maximum energy all year round while keeping surfaces clear of snow and dust.



An array of 1,536 evenly distributed LEDs ensures consistent lighting on all four faces.



From soft ambient lighting to striking backlit panels, LUMIELLE adapts to every urban or corporate need.



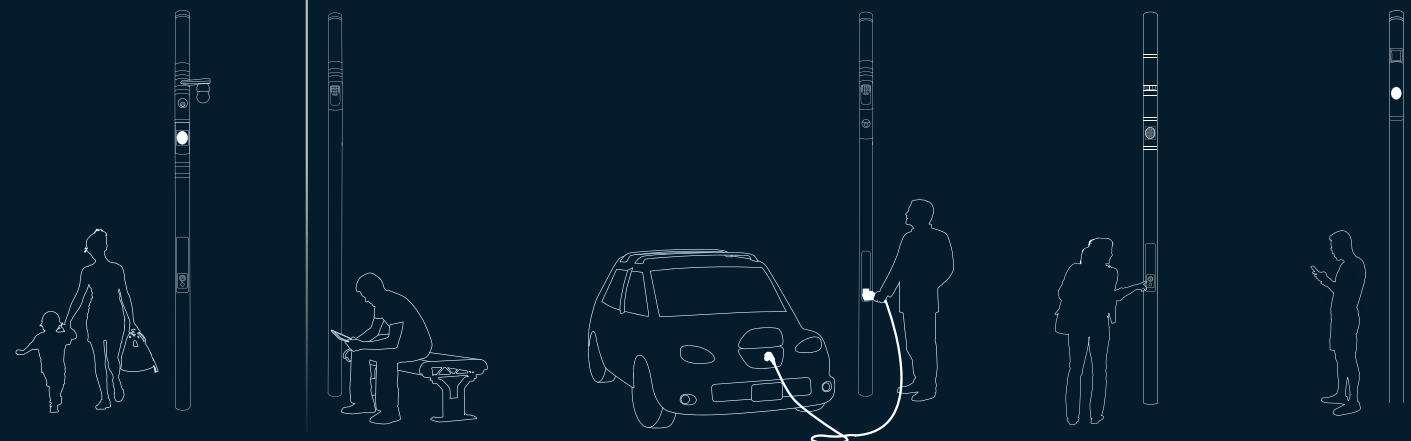
Flexible installation with base plate or in-ground fixation, both enabling discreet underground battery protection.



SHUFFLE



The smart column for cities
people love to live in





Discover
more



SHUFFLE



Decluttering
cities on their
journey to
becoming smart

The SHUFFLE smart column is a connected, modular approach to city hardware. With plug-and-play rotatable modules that contain pre-certified hardware, it can be configured to suit your specific needs.

Redesign. Reorganise. Improve. Combine. Do these all at once with SHUFFLE, an integrated concept with unlimited opportunities to **take the experience to a new level** in cities and venues. Information, identity, safety, communication, entertainment, mobility and much more. All your various features can be gathered elegantly into **one integrated platform**. Not set in stone, but with versatility and ready for future evolutions. You can create your personalised SHUFFLE by associating **up to 5 modules per column**.

KEY ADVANTAGES

- > Seamless integration of urban hardware in a refined column
- > Personalised combinations: up to 5 modules per column
- > Possible preconfigured versions: Campus, Security, Light and Mobility
- > Total versatility with 360° rotatable modules
- > Patented system for easy installation
- > Upgradable: modules can be added or replaced after installation
- > Fully connected platform



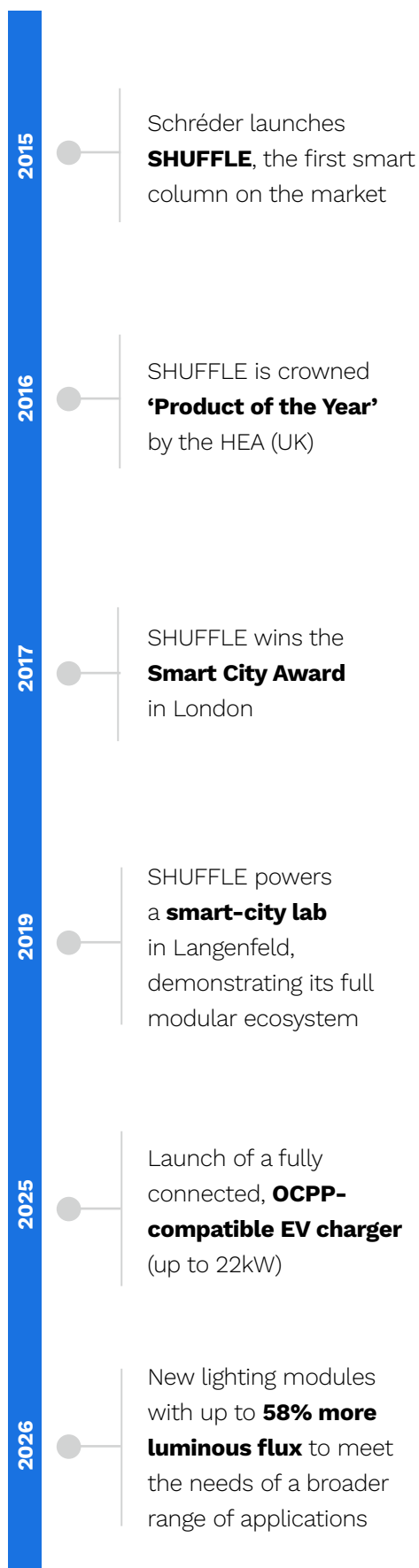


Leading with **non-stop** innovation

SHUFFLE has marked 10 years of non-stop innovation since its launch in 2015. From the outset, enthusiastic customers seeking to elevate their urban spaces embraced it and quickly pushed it far beyond simple outdoor lighting. They leveraged this **modular platform** to introduce new services to their environments, from WiFi and surveillance cameras to loudspeakers, emergency buttons and EV chargers.

Just a year after its debut, SHUFFLE was awarded '**Product of the Year 2016**' by the Highway Electrical Association (HEA) in the UK. A little later, in 2017, it received the 'Smart City Award' in London for its strong potential to support future-ready cities.

This spirit of continuous innovation, combined with thoughtful design and a deep understanding of customer needs, has positioned SHUFFLE as a benchmark in the market. Today, **more than 30,000** SHUFFLE columns are installed in **over 35 countries**, delighting cities and private companies around the world.



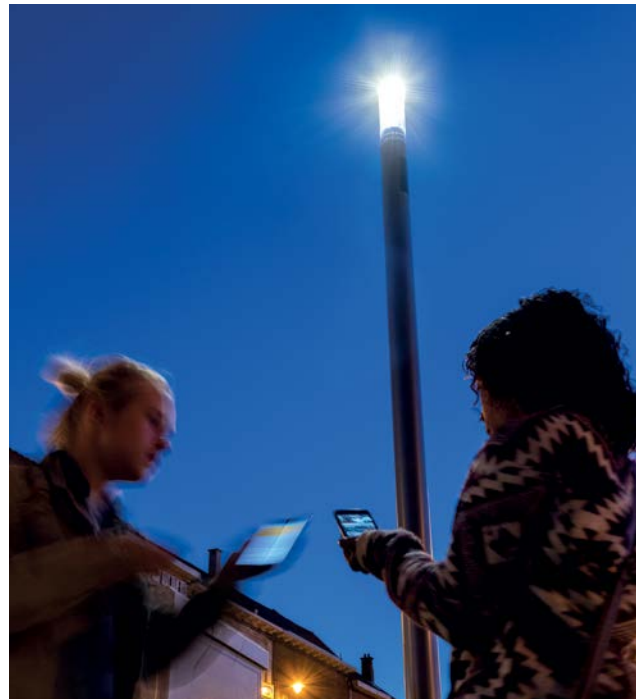
One column, endless possibilities

A modular solution that adapts to every challenge: lighting, placemaking, safety and electric mobility.

SHUFFLE is a multi-service urban column designed to evolve with the needs of modern spaces.

- **SHUFFLE Light** brings refined, energy-efficient illumination with smart controls for any street or square.
- **SHUFFLE Campus** adds connectivity and information services to create welcoming places where people enjoy spending time
- **SHUFFLE Security** integrates advanced lighting, monitoring and communication to build confidence in busy or sensitive areas.
- **SHUFFLE Mobility** features an integrated, connected, OCPP-compatible EV charger with authentication and CPO integration, delivering secure, elegant and decluttered charging within a lighting-based column.

Each configuration reflects SHUFFLE's ability to deliver elegant, high-value solutions that improve safety, comfort and sustainability in the urban landscape.



SHUFFLE LIGHT



SHUFFLE CAMPUS



SHUFFLE SECURITY



SHUFFLE MOBILITY



	SHUFFLE LIGHT	SHUFFLE CAMPUS	SHUFFLE SECURITY	SHUFFLE MOBILITY
Pole height	4370mm 14.34'	4370mm 14.34'	4370mm 14.34'	4370mm 14.34'
Control node	Yes	Yes	Yes	Yes
Module (top)	360° Lighting	360° Lighting with WLAN	360° Lighting	360° Lighting
Module 2	Blue light ring	Blue light ring	Universal camera bracket	Green/blue light ring
Module 3	180° Lighting Spot	Quadview	Camera without extra PC protector	180° Lighting Spot
Module 4	-	Analogue speaker	Digital speaker	Camera without extra PC protector
Integrated in pole	PIR sensor	PIR sensor Power sockets	Intercom	EV charger 22kW

LIGHTING

360° LensoFlex® 4 (SH36L2/
SH36LDS2)

Street lighting / Ambiance lighting / Pedestrian crossing lighting

- Lumen package range:
from 2,100 to 13,000lm
- Back light control (optional)
- Warm or neutral white LEDs
- Optional internal diffuser or
external sanded/semi-sanded
protector for enhanced visual
comfort



180° Spot (SH18L)

Up/down (on-site adjustment): architectural lighting

- Lumen package range:
from 2,700 to 11,500lm
- On-site inclination angle settings:
-10/+40°
- Warm, neutral white or RGB LEDs



180° LensoFlex® 4 (SH18L)

Street lighting

- Lumen package range:
from 2,300 to 12,500lm
- Back-light control (optional)
- Warm or neutral white LEDs



Light ring (SHLR2)

Signage / beautification (identity) / creation of ambience

- Static red, blue, green, warm
or neutral white variants
- 1 or 2 alternating static colours
- RGB for colour changing effects
Inform, warn or guide through
colours:
 - EV charger: free/in use
 - Intercom: emergency yes/no



Luminaire bracket (SHLB)

Street lighting / Pedestrian crossing lighting

- For luminaire with mounting for Ø60mm/2.3"
- Inclination angle: +5°



With PIANO Midi



With FLEXIA FG Midi



With VINTO



With CITEA GEN3 Mini



WLAN 

SHUFFLE module	SH36LW2-W0	SH36LW2-W1	SH36LW2-FO SH36LW2-FV
WLAN module brand	Ubiquiti	Cisco-Meraki	Ruckus
Model	U6-Mesh	MR78	T350C
WiFi generation			
WiFi standard	802.11ax 802.11ac 802.11n	802.11ax 802.11ac 802.11b/g/n	802.11ax 802.11ac 802.11b/g/n
Antennas (MU-MIMO)	4x4 (5GHz) 2x2 (2.4GHz)	2x2 (5GHz) 2x2 (2.4GHz)	2x2 (5GHz) 2x2 (2.4GHz)
Antenna gain	3dBi (2.4GHz) 5dBi (5GHz)	5.4dBi (2.4GHz) 6dBi (5GHz)	3dBi
Streams	6 spatial streams	4 spatial streams	4 spatial streams
Ethernet	RJ-45 (10/100/1000BASE-T)	RJ-45 (10/100/1000BASE-T)	RJ-45 (10/100/1000BASE-T)
PoE input	PoE IEEE 802.3af	PoE IEEE 802.3af	PoE IEEE 802.3at
PoE power consumption	Max 13W	Max 15W	Max 13.2W

Professional and secure wireless network

- Available in a 360° lighting module or in a dedicated module
- Multiple concurrent users per access point
- Stable connections at higher data rates
- Divisible bandwidth: e.g. to assign a dedicated part to city operators and a restricted bandwidth for the general public
- Unmatched scalability, cloud or locally managed

SPEAKER **Professional sound system for public service announcements, warnings and music**

- Frequency range: 90 - 19000Hz
- Full range speaker with dual cone
- Perfect sound - up to 25W power output
- Weatherproof / adapted to indoor and outdoor applications
- Analog 10V system or digitally connected network speaker



	Analogue speaker (SH18S2-NP)	Analogue speaker (SH18S2-S8)	Digital speaker (SH18S2-NQ)
Frequency range	90 - 19000Hz	90 - 19000Hz	90 - 19000Hz
Sound pressure level (1W/1m)	90dB	90dB	90dB
Max. power rating	25W	25W	15W
Ethernet connection	No	Yes	Yes
Internal amplifier	No	Yes (Digital Acoustics)	Yes (AXIS)

CCTV - 180°

For professional camera networks

- Resolution: up to 4K
- Image optimisation (back-light, contrasts, night vision, high luminosity)
- Privacy layers
- ONVIF communication standard
- Event triggering: motion detection, video analytics, tampering, etc.
- Digital zoom
- Data optimisation: selected and/or delayed transmission, on-site recording (SD memory slot)
- Compatible with video management systems



					
SHUFFLE module	SH18C2-GB	SH18C2-M1	SH18C2-M2	SH18C2-M4	SH18C2-M5
Exposure to environment	External/internal camera	External camera only	External camera only	External/internal camera	External/internal camera
Camera brand	AXIS	AXIS	AXIS	Hanwha	Hanwha
Model	P3925-R	M4227-LVE	M4228-LVE	QNV-C8011R	QNV-C9011R
Max resolution	2 megapixels	5 megapixels	8 megapixels	5 megapixels	8 megapixels
Lens	2.8mm fixed focal lens	3.2-7.2mm varifocal	3.2-7.2mm varifocal	3mm fixed focal lens	3mm fixed focal lens
Field of view	Horizontal: 110° Vertical: 62°	Horizontal: 38-98° Vertical: 26-66°	Horizontal: 38-100° Vertical: 20-52°	Horizontal: 100° Vertical: 73°	Horizontal: 108° Vertical: 59°
PoE power consumption	Max 6.4W	Max 12.3W	Max 12.9W	Max 8.5W	Max 8.5W

CCTV - 360°



QuadView (SHCQV)

Integrated 360-degree video CCTV solution

- Offers a 360° field of view
- Contains 4 separate AXIS cameras (2 or 5 megapixels)
- Streams video from four sensor units simultaneously
- Supports Wide Dynamic Range (WDR) – Forensic Capture
- Ideal for very bright and/or dark areas
- Support for Axis Zipstream technology lowers bandwidth and storage use
- Withstands dust, rain, snow, vibrations, shocks and impacts
- IP connectivity through standard Ethernet ports
- Power over Ethernet or 8-28V DC
- Features two SD card slots for optional local storage



Universal camera bracket (SHCBR)

Integrated hanging bracket for PTZ cameras

- Compatible with most PTZ cameras on the market
- Excellent stability for minimal camera movement
- Concealed cable management

EV CHARGING

EV charger GEN2
(SHPOEV2)

Professional AC charging module seamlessly integrated into the SHUFFLE column

One pole, many services

- EV charging, lighting and smart services combined in a single, discreet column
- Fewer posts and less street clutter than with standalone chargers
- Ideal for tight sidewalks, refurbished car parks and premium sites

Guidance at a glance

- Light Ring used as a clear status beacon for drivers
 - Green: free charging point
 - Blue: in use
- Status visible from a distance for quicker decision-making and smoother turnover

Robust and cost-efficient

- Electronics protected inside the pole for better resistance and fewer repairs
- Shared infrastructure, shared civil works and simpler maintenance routines



EV charger GEN2 (SHPOEV2)

Charging power	AC 7.4 / 11 / 22kW
Socket	Type 2 (Europe) with locking actuator
Input	230/400V – 16–32A
Metering	MID-compliant; Modbus TCP/RTU
Load management	Dynamic Load Management (external meter)
Authorisation	RFID (offline/online), platform command
Communication	OCPP 1.5 / 1.6 (JSON, SOAP); Ethernet; 4G LTE modem
Safety	6mA DC fault detection; Type A RCD; emergency release; IK10 socket
Protection	IP54; Ta up to +35°C / +95°F
Integration	Mounted at ~1.2 m on SHUFFLE multi-purpose door



INTERCOM SOS

One-touch system to contact operators and/or to trigger panic response scenarios

- Vandal-resistant SIP and IP intercom
- Optional HD video at up to 30FPS (1440x1080px) and H.264 for integration with most video solutions
- Crystal clear audio
- Active background noise cancellation
- Automatic volume adjustment
- Stainless steel front plate with one button
- Can interact with light ring

		
	Intercom (SHPOIC2-GH)	Intercom with camera (SHPOIC2-GI)
Brand	Zenitel	Zenitel
Model	TCIS-2	TCIV-2+
Internal speaker amplifier	10W class D	10W class D
Microphone	Digital MEMS, omnidirectional	Digital MEMS, omnidirectional
Power supply	PoE or external power supply	PoE or external power supply
Camera	-	Fixed lens, 1440x1080 pixels
Power consumption	Idle 1.8W Max 12W	Idle 3.5W Max 12W



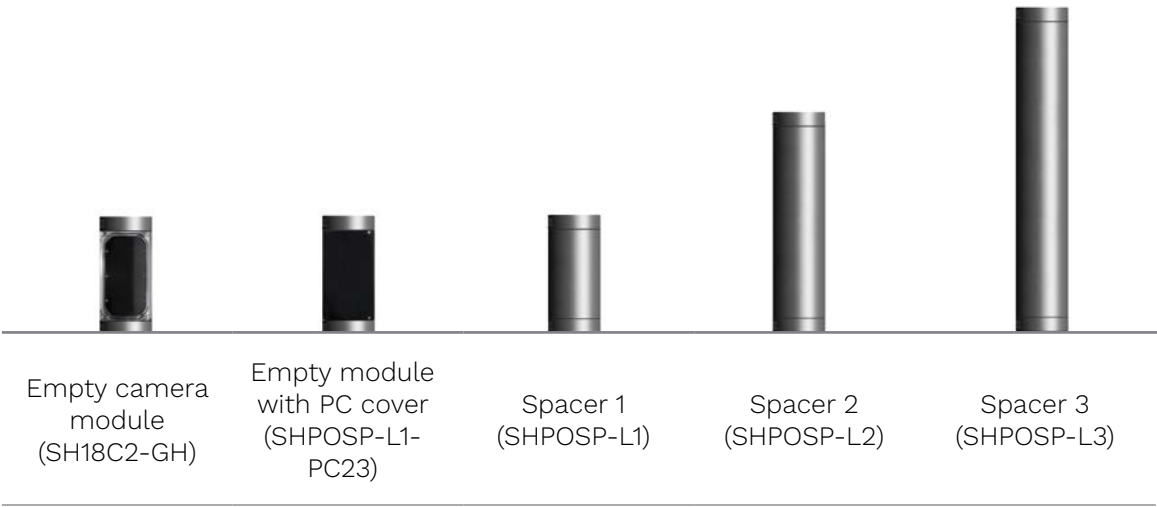
POWER SUPPLY

Auxiliary power source

- Secured access with locked door (T25 screws at the top of pole, key at the bottom)
- Integrated fuse
- Integrated cable retainer
- Passage to the outside for cables

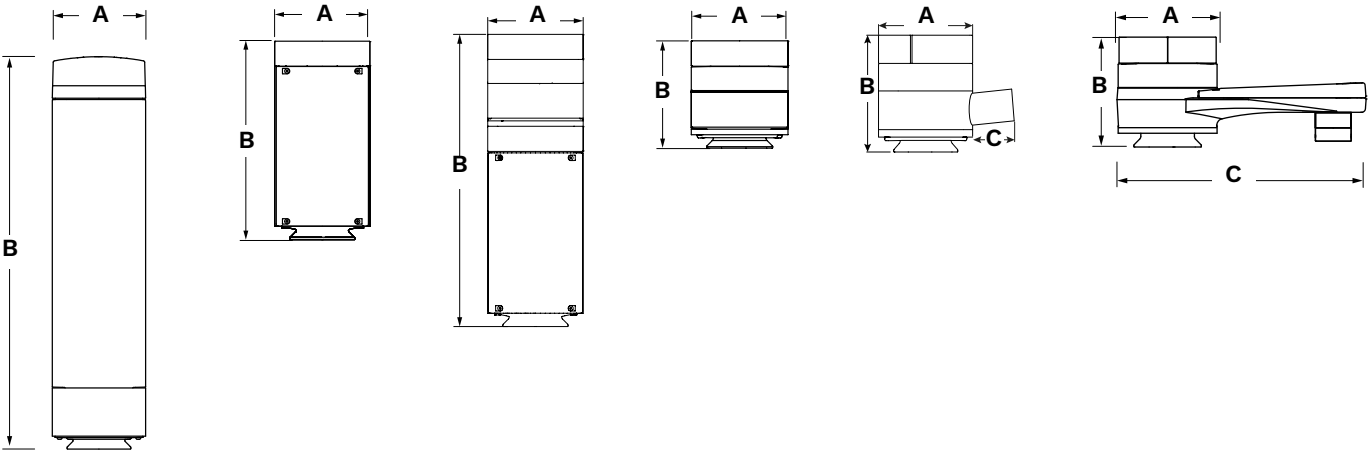
		
	Power sockets (SHPOLE2-G8)	Event lighting socket (SHPOLE2-FU)
Location	At the bottom of the pole	At the top of the pole
Number of sockets	2	1
Type	Schuko Type F 16A 230V	Schuko Type F 16A 230V
Purpose	Power sockets for any need	Power socket for decorative lighting
Max. power	3500W	1200W

SPACER



DIMENSIONS

	360° modules	180° module	QuadView module	Light ring	Luminaire bracket (Ø60mm)	Camera bracket
A	194mm 7.6"	194mm 7.6"	194mm 7.6"	194mm 7.6"	194mm 7.6"	194mm 7.6"
B	<i>SH36L2</i> 815mm 32" <i>SH36LDS2</i> 1117mm 44"	403mm 15.9"	593mm 23.4"	215mm 8.5"	215mm 8.5"	215mm 8.5"
C	-	-	-	-	109mm 4.3"	490mm 19.3"



6.84M / 22.5'

Max. 5 modules

4M / 13'

2.28M / 6.5'

Min.
pole
height



Design your **ideal** **SHUFFLE**

Schröder
Signature



Schröder
STUDIO



SMART & CONNECTED

Schröder

Experts in lightability™



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