



LEDVANCE

UP TO
160
lm/W

100 000h
L80
LIFETIME

C5
CORROSION
RESISTANCE

POWERFUL AND ECONOMICAL –
EVEN IN THE HARSHTEST ENVIRONMENTS
THANKS TO IP66 AND IK08

FLOODLIGHT FLEX

HIGHLY FUNCTIONAL IN OUTDOOR,
AREA AND SPORTS LIGHTING



THE NEW FLOODLIGHT FLEX

INNOVATIONS FOR MAXIMUM IMPACT

EXPERIENCE THE FUTURE OF OUTDOOR LIGHTING.

Designed with efficiency and brilliance in mind, the new FLOODLIGHT FLEX generation meets the many different needs of outdoor, area and sports lighting.

Its strengths include a long lifetime, C5 corrosion resistance, IP66 protection and IK08 impact resistance, making the new FLOODLIGHT FLEX luminaires an ideal choice even for coastal and industrial environments. A wide range of sizes, lumen packages, colour temperatures and beam angles allows the floodlights to be tailored to any requirement.

Integrated features like a breather, water drainage system, and ULOR 0% at 0° tilt ensure optimal performance and longevity. It reduces energy consumption by up to 91% compared to halogen lamps and 51% compared to conventional discharge lamps. The serviceable LED driver makes maintenance a breeze.



- + **HIGH EFFICIENCY:** up to 160 lm/W for optimal energy efficiency
- + **C5 CORROSION RESISTANCE:** perfect for coastal area applications
- + **MULTI LUMEN:** easy adjustable brightness levels to suit specific needs
- + **2 200 K VERSIONS:** ideal for facade lighting of landmark buildings

BREAKDOWN OF THE MAIN FLOODLIGHT FLEX BENEFITS

- 1 **Durable aluminium housing**
- 2 **Smart water flow construction** to avoid standing water
- 3 **Angle indicator:** clear angle degree indicator
- 4 **Robust mounting bracket:** rotates 270° degree
- 5 **Two or three cable entries:** allows daisy chaining
- 6 **Diffusor:** tempered glass

PERFORMANCE CLASS



WOULD YOU LIKE MORE INFORMATION?

Visit our website to discover more technical details on the product range: ledvance.com/floodlight-flex



Does your project require something not shown? LEDVANCE Project Services can create lighting solutions to fit your specific needs. Get in touch: contact@ledvance.com



MULTI LUMEN: LESS COMPLEXITY, MORE FLEXIBILITY

With our MULTI LUMEN feature, installers can set the lumen output in up to four steps before installation according to the application need. This reduces the complexity of product selection, as fewer products now cover the entire range of lumens and meet the needs of installers. The simple 3- or 4-level setting is done via a potentiometer on the luminaire (see image page 4).

ADVANTAGES:

- Simplified product selection
- Flexible adjustment before installation
- Easy operation
- Proven quality



Our **MULTI LUMEN FLOODLIGHTS FLEX** offer a practical and efficient solution for illuminating your projects.

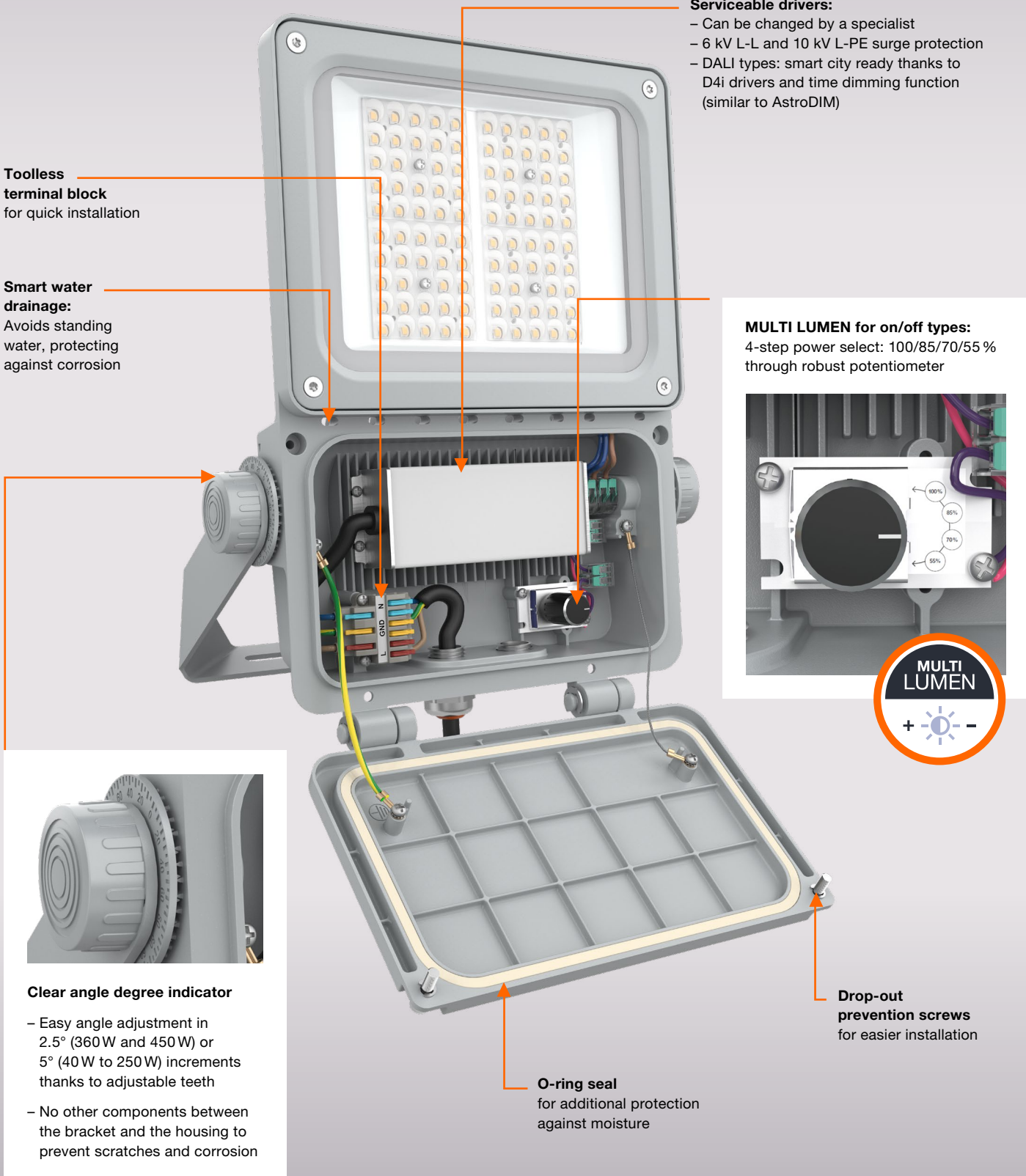
PRODUCT NAME	LOW (lm)		HIGH (lm)	
	55 %	70 %	85 %	100 %
FL FLEX 40	3 500	4 400	5 300	6 200
FL FLEX 80	6 900	8 600	10 300	12 100
FL FLEX 130	11 300	14 100	16 900	19 900
FL FLEX 180	15 800	19 700	23 500	27 700
FL FLEX 250	22 200	27 700	33 200	39 000
FL FLEX 360	31 900	39 800	47 600	56 000
FL FLEX 450	39 900	49 700	59 500	70 000

Example with FLOODLIGHT FLEX 4 000 K CCT and A55 x120 light beam.

FLOODLIGHT FLEX

FUNCTIONAL BRILLIANCE

The new FLOODLIGHT FLEX luminaires are well designed down to the last detail and are highly functional. That means that they are easy to install and adaptable to any situation on site.



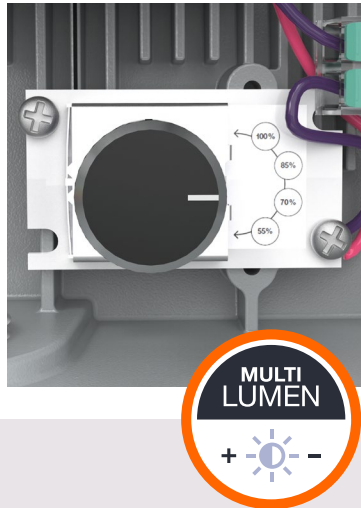
Toolless terminal block for quick installation

Smart water drainage: Avoids standing water, protecting against corrosion

Serviceable drivers:

- Can be changed by a specialist
- 6 kV L-L and 10 kV L-PE surge protection
- DALI types: smart city ready thanks to D4i drivers and time dimming function (similar to AstroDIM)

MULTI LUMEN for on/off types:
4-step power select: 100/85/70/55 % through robust potentiometer



Clear angle degree indicator

- Easy angle adjustment in 2.5° (360 W and 450 W) or 5° (40 W to 250 W) increments thanks to adjustable teeth
- No other components between the bracket and the housing to prevent scratches and corrosion

O-ring seal for additional protection against moisture

Drop-out prevention screws for easier installation

Face-up installation possibility:

The two rubber plugs can be removed from the back of the housing to avoid the potential of standing water in a face-up installation (see more on page 7)

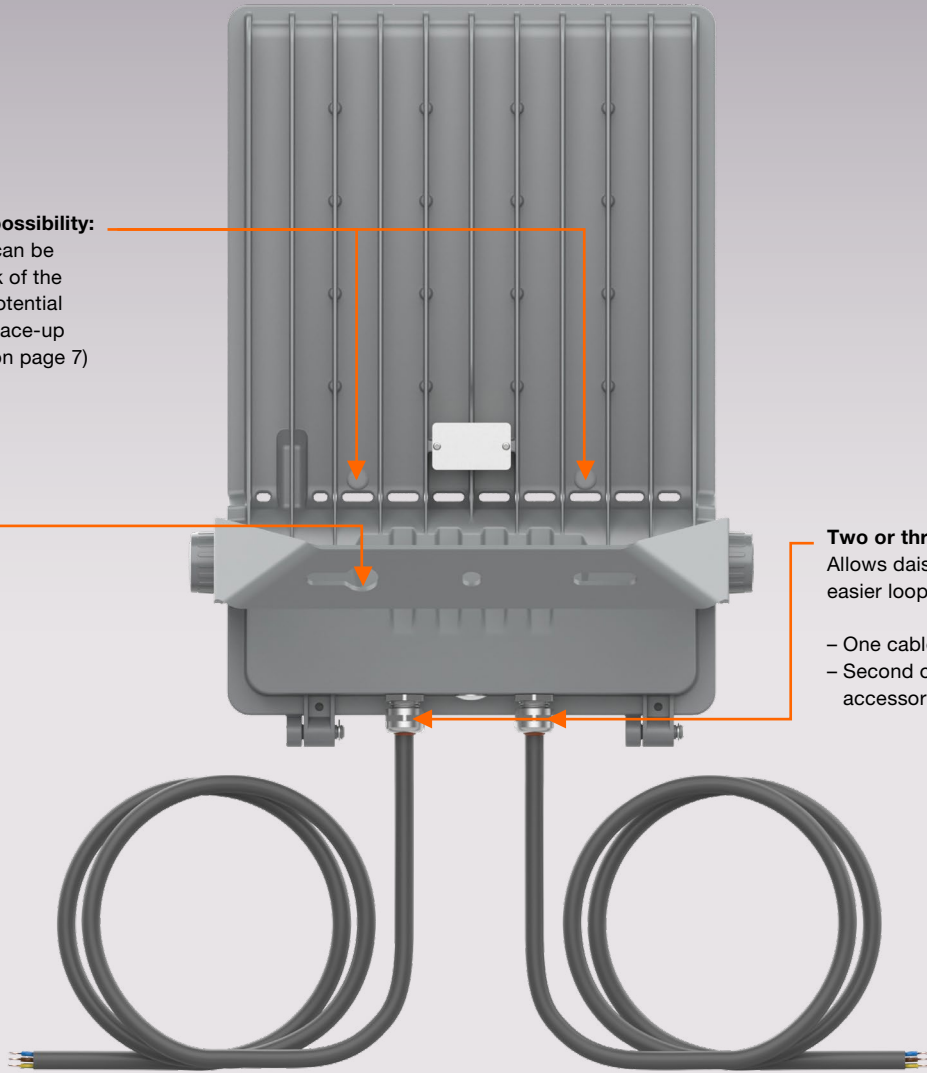
Keyhole:

For easier installation

Two or three cable entries:

Allows daisy chaining to provide easier looping

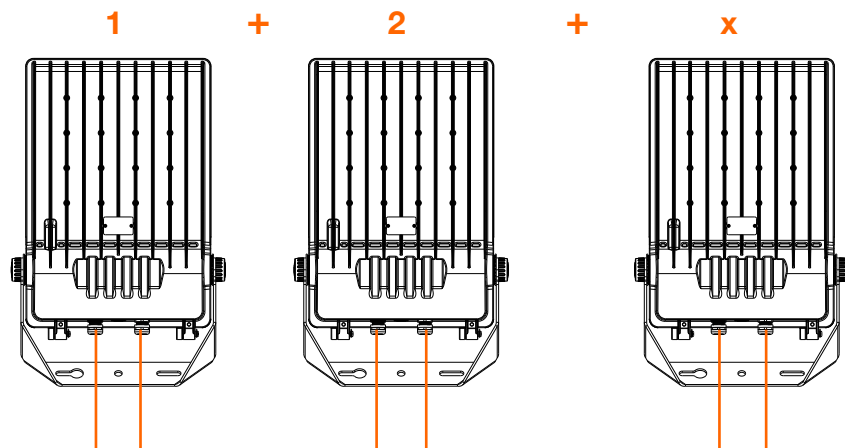
- One cable gland pre-installed
- Second one included as an accessory



Cables shown only for illustrative purposes, not included with product.

DAISY CHAIN YOUR LIGHTS: FEWER WIRES, MORE LIGHT

FLOODLIGHT FLEX are ideal for simple daisy chaining thanks to multiple cable entries. This reduces the number of cables needed and makes installation easier. Plus, all lights can be controlled with a single switch.



	C10A	B16A	C16A
40W	12	20	20
80W	28	20	32
130W	10	10	17
180W	7	8	12
250W	6	6	10
360W	3	4	6
450W	3	3	5

Simple installation thanks to daisy chaining. Please refer to the table to see how many luminaires you can connect in each case.

ADVANCED FLOODLIGHTS FOR EVERY OUTDOOR APPLICATION

The new FLOODLIGHT FLEX range delivers versatile, energy-efficient lighting solutions for a wide array of outdoor applications. With their robust design and user-friendly installation, they're the ideal choice for diverse projects.



AREA LIGHTING

The FLOODLIGHT FLEX luminaires provide high power area illumination and come in a durable design, ensuring reliable safety and great weather protection.



PORTS AND HARBOURS

Our floodlights are designed to withstand harsh conditions, providing reliable illumination for optimal visibility and safety, even in the most challenging environments.



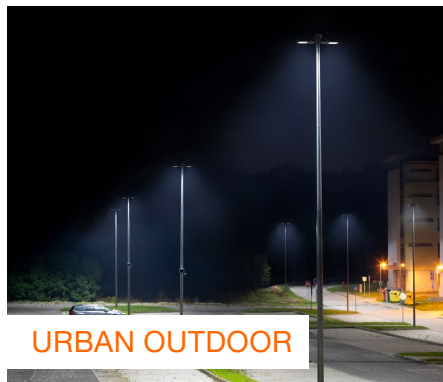
ARCHITECTURAL AND LANDMARKS

FLOODLIGHT FLEX with 2200 K lighting creates a warm, inviting atmosphere outdoors. This colour temperature harmonises with nature, reduces light pollution and highlights features.



SPORTS

The powerful FLOODLIGHT FLEX versions illuminate larger sports areas so well that fewer luminaires need to be installed, making any sports areas ready for the big time.



URBAN OUTDOOR

A perfect solution for urban outdoor areas, FLOODLIGHT FLEX can be flexibly installed on masts with zero upward light spill (ULOR 0%) and offers minimal light pollution and maximum energy efficiency.

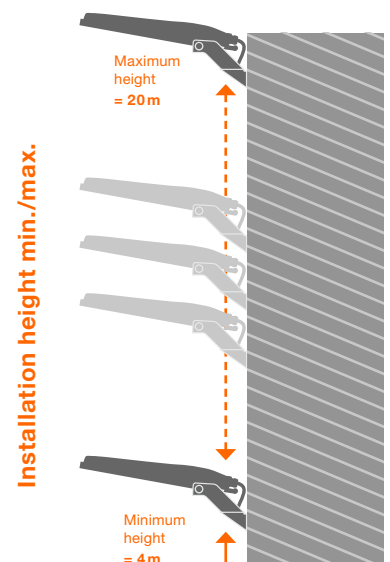
Zhaga and NEMA compatibility for smart city functions coming in late 2025.

RECOMMENDED INSTALLATION HEIGHT FOR OUTDOOR AREA LIGHTING WITH FLOODLIGHT FLEX

Our diverse range of floodlights caters for a spectrum of lighting needs, from small-scale applications to expansive outdoor areas.

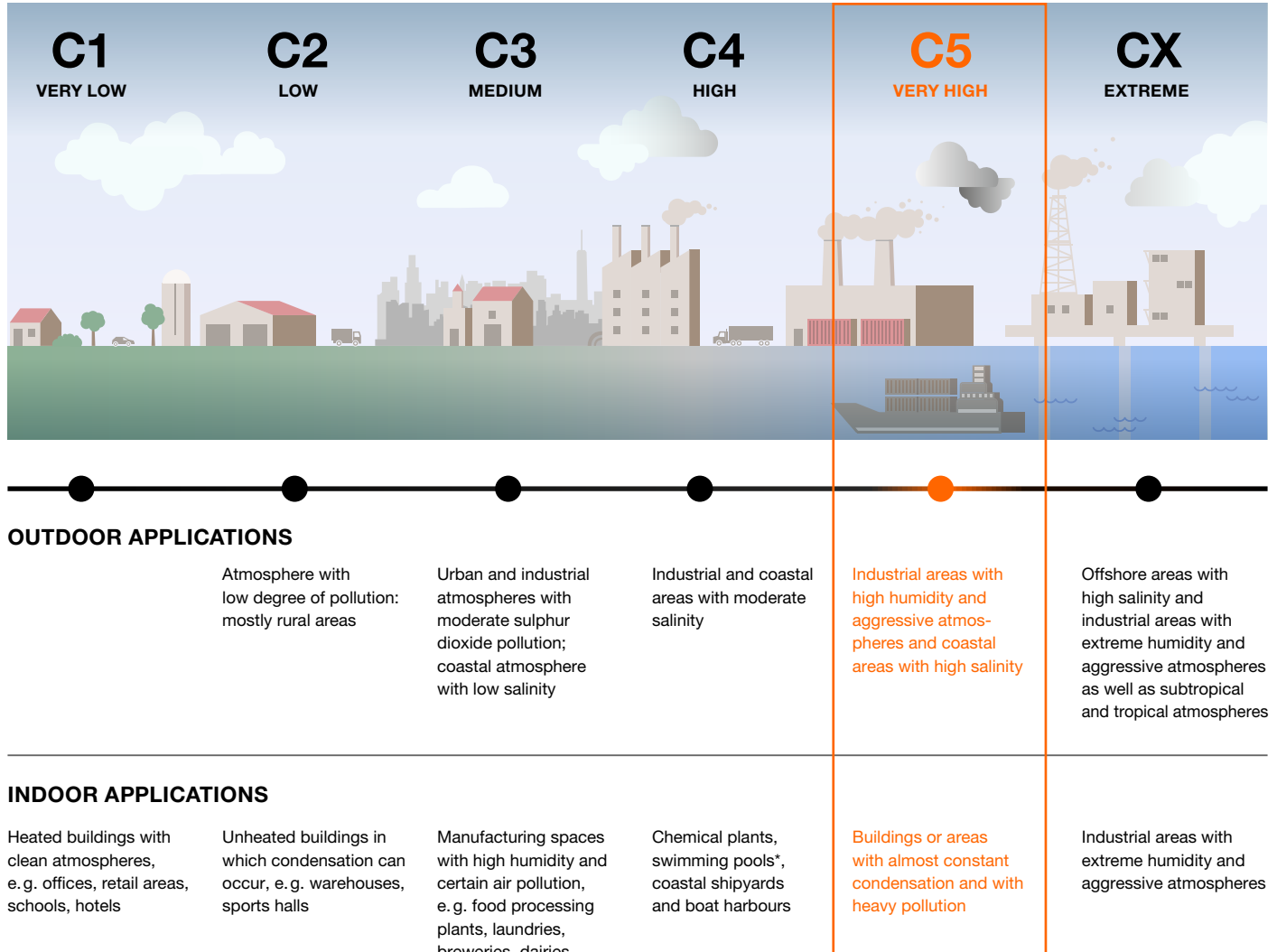
Product name	Wattage (W)	Lumen output (lm)	Mounting height ~ min. (m)	Mounting height ~ max. (m)
FL FLEX P 40W ML 840 A55X120 WAL	40	6200	4	7
FL FLEX P 80W ML 840 A55X120 WAL	80	12100	5	8
FL FLEX P 130W ML 840 A55X120 WAL	130	19900	6	10
FL FLEX P 180W ML 840 A55X120 WAL	180	27700	8	12
FL FLEX P 250W ML 840 A55X120 WAL	250	39000	10	14
FL FLEX P 360W ML 840 A55X120 WAL	360	56000	12	18
FL FLEX P 450W ML 840 A55X120 WAL	450	70000	14	20

Example with FLOODLIGHT FLEX 4000K CCT and A55 x 120 light beam for area lighting.



CORROSION CLASS RESISTANCE ACCORDING TO EN ISO 12944-2

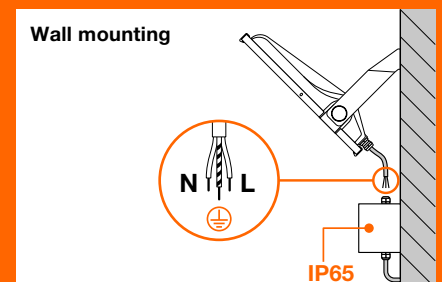
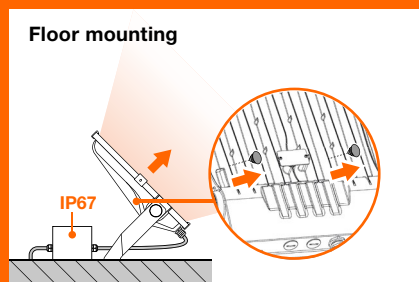
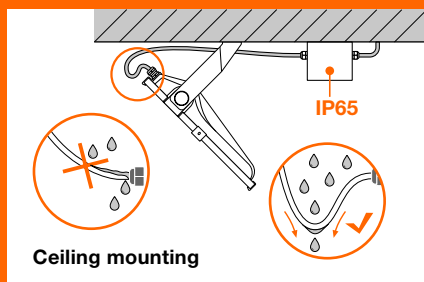
Corrosion can quickly damage materials, especially in harsh saltwater environments. Our FLOODLIGHT FLEX luminaires are made of special aluminium resulting in C5 corrosion resistance. This ensures long-lasting performance, even in the harshest conditions.



* FLOODLIGHT FLEX: not suitable for chlorine environments

WATER INGRESS PROTECTION: SMART WATER FLOW CONSTRUCTION TO AVOID STANDING WATER













The FLOODLIGHT FLEX are designed with a smart water flow system to prevent water ingress. An integrated breather eliminates condensation, while the versatile design allows for face-up installation. Simply remove the rubber plugs for reliable outdoor use.





PRODUCT FAMILY

MAIN FEATURES AT A GLANCE



Wattage (W)	40	80	130	180	250	360	450	
Lumens	5 800-6 200	8 300-12 100	19 000-20 800	25 500-28 000	37 000-39 500	48 000-56 000	61 000-70 000	
Lm/W (K)	4 000	~155	~152	~160	~156	~158	145-156	
	3 000	~148	~144	147-154	142-150	~150	145-156	
	2 200		~105	116			134-145	
2 200 K version		✓	✓	—	—	—	—	
Spill light accessory*	—	—	—	—	—	✓	✓	
Pole accessory*	✓	✓	✓	—	—	—	—	
Cable entries	2	3	3	3	3	3	3	
Additional beam angle**	—	—	 	 	 	 	 	 

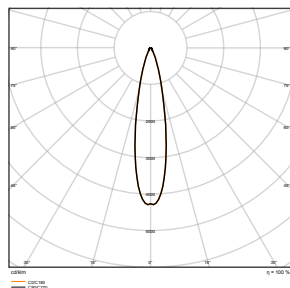
*Launch later in 2025   | **All models included

LIGHT BEAM OPTIONS

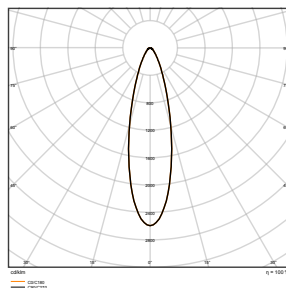
A wide range of beam angles allows for an even greater variety of applications.

NEW! A greater choice of narrow beam angles for 360 W and 450 W. For high masts.

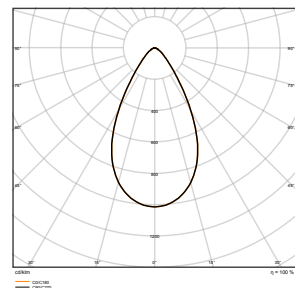
SYM R20



SYM R30



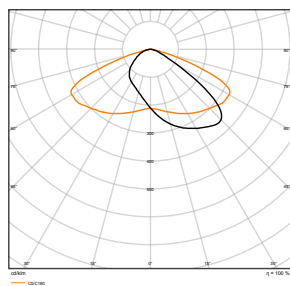
SYM R60



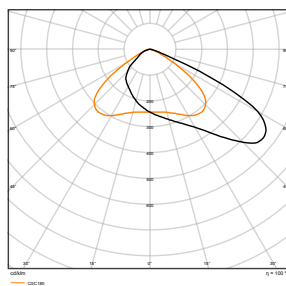
130 W, 180 W and 250 W

130 W, 180 W and 250 W

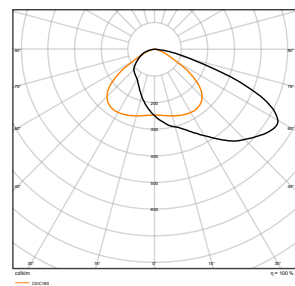
45 x 140



55 x 120



60 x 110



NEW! Larger off-cut angle for 360 W and 450 W. More light with greater depth.

FLOODLIGHT FLEX

PERFORMANCE CLASS



Product name	EAN (GTIN)	W	lm	lm/W	K	L80 ¹		L x W x H [mm] Ø x H [mm]	
FLOODLIGHT FLEX ASYMMETRIC 45 x 140									
FL FLEX P 40W ML 830 A45X140 WAL	4099854373152	40/34/28/22	5800/4900/4100/3300	145/144/146/150	3000	100000	45 x 140	406 x 277 x 67	1
FL FLEX P 40W ML 840 A45X140 WAL	4099854373190	40/34/28/22	6100/5200/4300/3500	153/154/159	4000	100000	45 x 140	406 x 277 x 67	1
FL FLEX P 80W ML 822 A45X140 WAL	4099854374074	80/68/56/44	8300/7100/5900/4700	104/105/107	2200	100000	45 x 140	479 x 304 x 67	2
FL FLEX P 80W ML 830 A45X140 WAL	4099854373237	80/68/56/44	11400/9700/8100/6500	143/145/148	3000	100000	45 x 140	479 x 304 x 67	2
FL FLEX P 80W ML 840 A45X140 WAL	4099854373275	80/68/56/44	12000/10200/8500/6800	150/152/155	4000	100000	45 x 140	479 x 304 x 67	2
FL FLEX P 130W ML 830 A45X140 WAL	4099854373305	130/110.5/91/71.5	19000/16200/13500/10800	146/147/148/151	3000	100000	45 x 140	492 x 361 x 68	3
FL FLEX P 130W ML 840 A45X140 WAL	4099854373398	130/110.5/91/71.5	19800/16800/14100/11300	152/155/158	4000	100000	45 x 140	492 x 361 x 68	3
FL FLEX P 180W ML 830 A45X140 WAL	4099854373466	180/153/126/99	25500/21700/18100/14500	142/144/146	3000	100000	45 x 140	552 x 361 x 68	4
FL FLEX P 180W ML 840 A45X140 WAL	4099854373510	180/153/126/99	27500/23400/19500/15700	153/155/159	4000	100000	45 x 140	552 x 361 x 68	4
FL FLEX P 250W ML 830 A45X140 WAL	4099854373589	250/212.5/175/137.5	37000/31500/26300/21100	148/150/153	3000	100000	45 x 140	627 x 416 x 68	5
FL FLEX P 250W ML 840 A45X140 WAL	4099854373633	250/212.5/175/137.5	39000/33200/27700/22200	156/158/161	4000	100000	45 x 140	627 x 416 x 68	5
FL FLEX P 360W ML 830 A45X140 WAL	4099854373725	360/306/252/198	52000/44200/36900/29600	144/146/149	3000	100000	45 x 140	751 x 480 x 105	6
FL FLEX P 360W ML 840 A45X140 WAL	4099854373794	360/306/252/198	56000/47600/39800/31900	156/158/161	4000	100000	45 x 140	751 x 480 x 105	6
FL FLEX P 450W ML 830 A45X140 WAL	4099854373862	450/382.5/315/247.5	60000/55300/46200/37100	144/145/147/150	3000	100000	45 x 140	755 x 538 x 105	7
FL FLEX P 450W ML 840 A45X140 WAL	4099854373985	450/382.5/315/247.5	70000/59500/49700/39900	156/158/161	4000	100000	45 x 140	755 x 538 x 105	7
FLOODLIGHT FLEX ASYMMETRIC 55 x 120									
FL FLEX P 40W ML 830 A55X120 WAL	4099854373176	40/34/28/22	5900/5000/4200/3400	148/147/150/155	3000	100000	55 x 120	406 x 277 x 67	1
FL FLEX P 40W ML 840 A55X120 WAL	4099854373213	40/34/28/22	6200/5300/4400/3500	155/156/157/159	4000	100000	55 x 120	406 x 277 x 67	1
FL FLEX P 80W ML 822 A55X120 WAL	4099854374081	80/68/56/44	8400/7100/6000/4800	105/104/107/109	2200	100000	55 x 120	479 x 304 x 67	2
FL FLEX P 80W ML 830 A55X120 WAL	4099854373251	80/68/56/44	11500/9800/8200/6600	144/146/150	3000	100000	55 x 120	479 x 304 x 67	2
FL FLEX P 80W ML 840 A55X120 WAL	4099854373282	80/68/56/44	12100/10300/8600/6900	151/154/157	4000	100000	55 x 120	479 x 304 x 67	2
FL FLEX P 130W ML 830 A55X120 WAL	4099854373329	130/110.5/91/71.5	19100/16200/13600/10900	147/149/152	3000	100000	55 x 120	492 x 361 x 68	3
FL FLEX P 130W ML 840 A55X120 WAL	4099854373411	130/110.5/91/71.5	19900/16900/14100/11300	153/155/158	4000	100000	55 x 120	492 x 361 x 68	3
FL FLEX P 180W ML 830 A55X120 WAL	4099854373473	180/153/126/99	25700/21800/18200/14600	143/142/144/147	3000	100000	55 x 120	552 x 361 x 68	4
FL FLEX P 180W ML 840 A55X120 WAL	4099854373541	180/153/126/99	27700/23500/19700/15800	154/156/160	4000	100000	55 x 120	552 x 361 x 68	4
FL FLEX P 250W ML 830 A55X120 WAL	4099854373596	250/212.5/175/137.5	37000/31500/26300/21100	148/150/153	3000	100000	55 x 120	627 x 416 x 68	5
FL FLEX P 250W ML 840 A55X120 WAL	4099854373664	250/212.5/175/137.5	39000/33200/27700/22200	156/158/161	4000	100000	55 x 120	627 x 416 x 68	5
FL FLEX P 360W ML 830 A55X120 WAL	4099854373732	360/306/252/198	52000/44200/36900/29600	144/146/149	3000	100000	55 x 120	751 x 480 x 105	6
FL FLEX P 360W ML 840 A55X120 WAL	4099854373800	360/306/252/198	56000/47600/39800/31900	156/158/161	4000	100000	55 x 120	751 x 480 x 105	6
FL FLEX P 450W ML 830 A55X120 WAL	4099854373947	450/382.5/315/247.5	65000/55300/46200/37100	144/145/147/150	3000	100000	55 x 120	755 x 538 x 105	7
FL FLEX P 450W ML 840 A55X120 WAL	4099854374029	450/382.5/315/247.5	70000/59500/49700/39900	156/158/161	4000	100000	55 x 120	755 x 538 x 105	7
FLOODLIGHT FLEX ASYMMETRIC 60 x 110									
FL FLEX P 360W ML 830 A60X110 WAL	4099854373763	360/306/252/198	48000/40800/34100/27400	133/135/138	3000	100000	60 x 110	751 x 480 x 105	6
FL FLEX P 360W ML 840 A60X110 WAL	4099854373824	360/306/252/198	52000/44200/36900/29600	144/146/149	4000	100000	60 x 110	751 x 480 x 105	6
FL FLEX P 450W ML 830 A60X110 WAL	4099854373886	450/382.5/315/247.5	60000/51000/42600/34200	133/135/138	3000	100000	60 x 110	755 x 538 x 105	7
FL FLEX P 450W ML 840 A60X110 WAL	4099854374005	450/382.5/315/247.5	65000/55300/46200/37100	144/145/147/150	4000	100000	60 x 110	755 x 538 x 105	7

¹ t[h]: L70/B50 @ 25°C (T_a)/t[h]: L80/B10 @ 25°C (T_a)
² Refer to www.ledvance.com/guarantee for precise conditions

FLOODLIGHT FLEX

PERFORMANCE CLASS



Product name	EAN (GTIN)	W	lm	lm/W	K	L80 ¹						L x W x H [mm] Ø x H [mm]	No.
FLOODLIGHT FLEX DALI ASYMMETRIC 60 x 110													
FL FLEX DA P 360W 830 A60X110 WAL	4099854373909	360	48000	133	3000	100000	60 x 110	DALI D4i	751 x 480 x 105	6			6
FL FLEX DA P 360W 840 A60X110 WAL	4099854373954	360	52000	144	4000	100000	60 x 110	DALI D4i	751 x 480 x 105	6			6
FL FLEX DA P 450W 830 A60X110 WAL	4099854374012	450	60000	133	3000	100000	60 x 110	DALI D4i	755 x 538 x 105	7			7
FL FLEX DA P 450W 840 A60X110 WAL	4099854374098	450	65000	144	4000	100000	60 x 110	DALI D4i	755 x 538 x 105	7			7
FLOODLIGHT FLEX DALI RADIAL SYMMETRIC 20													
FL FLEX DA P 360W 830 R20 WAL	4099854373916	360	48500	135	3000	100000	20	DALI D4i	751 x 480 x 105	6			6
FL FLEX DA P 360W 840 R20 WAL	4099854373978	360	52500	146	4000	100000	20	DALI D4i	751 x 480 x 105	6			6
FL FLEX DA P 450W 830 R20 WAL	4099854374050	450	61000	136	3000	100000	20	DALI D4i	755 x 538 x 105	7			7
FL FLEX DA P 450W 840 R20 WAL	4099854374128	450	66000	147	4000	100000	20	DALI D4i	755 x 538 x 105	7			7
FLOODLIGHT FLEX DALI RADIAL SYMMETRIC 30													
FL FLEX DA P 130W 822 R30 WAL	4099854374159	130	15000	115	2200	100000	30	DALI D4i	492 x 361 x 68	3			3
FL FLEX DA P 130W 830 R30 WAL	4099854373367	130	19900	153	3000	100000	30	DALI D4i	492 x 361 x 68	3			3
FL FLEX DA P 130W 840 R30 WAL	4099854373459	130	20800	160	4000	100000	30	DALI D4i	492 x 361 x 68	3			3
FL FLEX DA P 180W 830 R30 WAL	4099854373558	180	27000	150	3000	100000	30	DALI D4i	552 x 361 x 68	4			4
FL FLEX DA P 180W 840 R30 WAL	4099854373671	180	28000	156	4000	100000	30	DALI D4i	552 x 361 x 68	4			4
FL FLEX DA P 250W 830 R30 WAL	4099854373756	250	37500	150	3000	100000	30	DALI D4i	627 x 416 x 68	5			5
FL FLEX DA P 250W 840 R30 WAL	4099854373855	250	39500	158	4000	100000	30	DALI D4i	627 x 416 x 68	5			5
FLOODLIGHT FLEX DALI RADIAL SYMMETRIC 60													
FL FLEX DA P 130W 830 R60 WAL	4099854373343	130	19900	153	3000	100000	60	DALI D4i	492 x 361 x 68	3			3
FL FLEX DA P 130W 840 R60 WAL	4099854373435	130	20800	160	4000	100000	60	DALI D4i	492 x 361 x 68	3			3
FL FLEX DA P 180W 830 R60 WAL	4099854373534	180	27000	150	3000	100000	60	DALI D4i	552 x 361 x 68	4			4
FL FLEX DA P 180W 840 R60 WAL	4099854373657	180	28000	156	4000	100000	60	DALI D4i	552 x 361 x 68	4			4
FL FLEX DA P 250W 830 R60 WAL	4099854373749	250	37500	150	3000	100000	60	DALI D4i	627 x 416 x 68	5			5
FL FLEX DA P 250W 840 R60 WAL	4099854373831	250	39500	158	4000	100000	60	DALI D4i	627 x 416 x 68	5			5

Coming soon:
Accessories for mast mounting and spill light management will launch in late 2025

¹ t[h]: L70/B50 @ 25°C (T_a)/t[h]: L80/B10 @ 25°C (T_a)
² Refer to www.ledvance.com/guarantee for precise conditions

ABOUT LEDVANCE

With business activities in over 140 countries, LEDVANCE is one of the world's leading general lighting companies. Emerging from OSRAM's general lighting division, LEDVANCE's portfolio includes LED lamps and luminaires, intelligent lighting products, traditional lamps and renewable energy solutions.

#POWERTHROUGHLIGHT



LEDVANCE

LEDVANCE GmbH
Parking 1-5
85748 Garching
Germany

WE PROUDLY PRESENT OUR ADVANCING SOLAR ENERGY

As lighting enthusiasts, we were inspired by the sun on our way to a greener future. The result is LEDVANCE Renewables, an integrated solar energy solution for the building sector that covers not only energy generation but also its storage and use as well as integration into power systems. It enables private and business customers to use the power of the sun to generate their own clean energy, be less dependent on fossil energy sources and minimise their impact on the environment.



Embrace a greener future with LEDVANCE Renewables and start generating your own clean energy today. Visit pv.ledvance.com to explore tailored solutions and efficient energy management!



LEDVANCE.COM