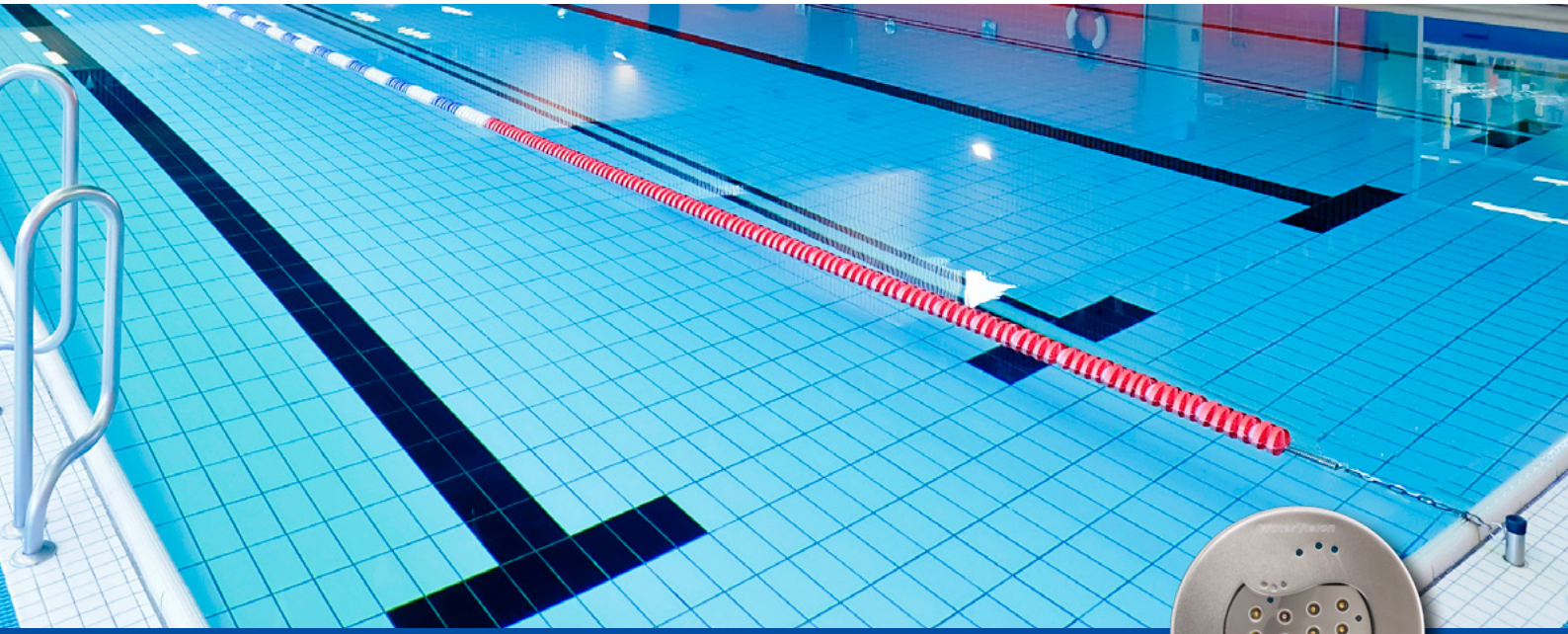
WV15 Kelvin®

LED underwater floodlights - Series 2024

WaterVision
MORE LIGHT LESS ENERGY



"One of the most successful LED lights from WaterVision"

The extremely powerful Kelvin series is immensely popular with architects, technicians and swimming pool builders. The reason for this success is not only excellent value for money, but the fact that the lamp specifications (lumen, wattage and light colour) are industry standards, making them understandable and easily comparable. Moreover, the lamps are robust, sustainable and easy & quick to install. Then the choice is easily made.

Sustainable savings

The timeless and characteristic design of the WV15 fittings has remained unchanged and unrivalled since 2004. All WaterVision LED engines up to 200 Watt fit in the same housing. This makes replacing and upgrading the lamps easy and economical. Not only does this save time, but it also saves costs considerably. The housing is durable, and by reusing it you help protect the environment.

Quickly pays for itself

If you switch from halogen lighting to the Kelvin LED series, you will normally earn back your investment within two years. A 40 Watt LED lamp can replace a 300 Watt halogen lamp, saving 87% in energy costs. If you would like to know how much you can save, get in touch with us and we will calculate it for your situation.

up to 200 watt

- Proven quality
- Easy to compare
- Sustainable
- Robust
- Quickly pays for itself
- Quick installation
- Reliable
- Since 2004
- Made in Holland

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The Kelvin replacement packages

To make it as easy as possible for you, we have put together ready-made packages for the replacement of your old lamps. These packages are available in three colors and contain all the parts needed to mount the lamps on the existing recessed pots. The supplied mounting set is suitable for mounting on MTS, Wibre, Bega, Lahme, Astral and universal mounting pots. The set consists of, among other things, brackets, mounting plates and sealing rubbers for the cable entry. This way you will never miss out and the work does not have to be interrupted and that is so enjoyable.

Packages			
P7113-01.10 (Warm White) P7118-01.10 (Cool White) P7123-01.10 (Aqua Blue)	1x WV15 pool light | frosted | chlorinated water | 10 metre of cable, including 80 Watt LED Driver in mounting box and power cord (V0005), inclusing mounting set	40 W	
P7113-02.10 (Warm White) P7118-02.10 (Cool White) P7123-02.10 (Aqua Blue)	2x WV15 pool light | frosted | chlorinated water | 10 metre of cable, including 80 Watt LED Driver in mounting box and power cord (V0005), inclusing mounting set	40 W	
P7115-01.10 (Warm White) P7120-01.10 (Cool White) P7125-01.10 (Aqua Blue)	1x WV15 pool light | frosted | chlorinated water | 10 metre of cable, including 80 Watt LED Driver in mounting box and power cord (V0005), inclusing mounting set	80 W	

The One-Click-Pool-Light-Planner

WaterVision has developed an advanced tool that shows exactly how many underwater lights are required for your specific pool. This takes into account the size of the swimming pool and the material of which the swimming pool is made.

With just one simple click you will find the right advice. The placement of the lamps, the installation schedule and the specifications texts are visualized..

Download here the One-Click-Pool-Light-Planner

Part list WV15 - Series 2024

Part nr.	Description	Wattage*	Lumen*
V1507113	WV15 Kelvin Warm White (3000K)	approx. 40 W	up to 7.200lm
V1507115	WV15 Kelvin Warm White (3000K)	approx. 80 W	up to 14.400lm
V1507118	WV15 Kelvin Cool White (6000K)	approx. 40 W	up to 7.200lm
V1507120	WV15 Kelvin Cool White (6000K)	approx. 80 W	up to 14.400lm
V1507123	WV15 Kelvin Aqua Blue	approx. 40 W	
V1507125	WV15 Kelvin Aqua Blue	approx. 80 W	

WV15 ColorWave

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Parts list WV15 ColorWave accessories

Art.no.	Description
V0059	Stainless steel recessed housing with narrow flange (12mm) for stainless steel pools
V0106	Stainless steel recessed housing with wide flange (50mm) for concrete pools
V0168	Stainless steel recessed housing for liner and prefab pools
V0052	Flange ring for flush-mounting (in tiles) WV15 (13mm)
V0191	Flange ring for flush-mounting (in tiles) WV15 (2mm)
V0015	Stainless steel mounting bracket
V0141	2-pole welded injection-moulded parts for quick mounting to existing cables (only if replacing cables is not possible)
V0142	6-pole welded injection-moulded parts for quick mounting to existing cables (only if replacing cables is not possible)
V0005	80 Watt 24V (DC) LED driver in housing
V0069	320 Watt 24V (DC) LED driver in housing
V0128	590 Watt 24V (DC) LED driver in housing

Recessed housing with narrow flange For stainless steel pools
Part nr. V0059
Size: Ø228 x 45mm x 12mm

Recessed housing with broad flange For concrete pools
Part nr. V0106
Size: Ø228 x 45mm x 50mm

Recessed housing for liner and prefab pools
Artnr.: V0168
Maat: Ø254mm x 50mm.

Stainless steel mounting bracket
Part no. V0015
Size: 178 x 20 x 88mm

Welded injection-moulded parts
Part nr. V0141 and V0142

Flange ring for flush mounting WV15 (13mm)
Part no.: V0052
Size: Ø279 x 24mm

Flange ring for flush mounting WV15 (2mm)
Part no.: V0191
Size: Ø280 x 10mm

80 Watt 24V (DC) LED driver in housing
Part no. V0005
Size: 254(h) x 180(w) x 62(d)mm

320 Watt 24V (DC) LED driver in housing
Part no. V0069
Size: 400(h) x 200(w) x 80(d)mm

590 Watt LED driver in 24V (DC) housing
Part nr. V0128
Size: 400(h)x300(w)x155(d)mm

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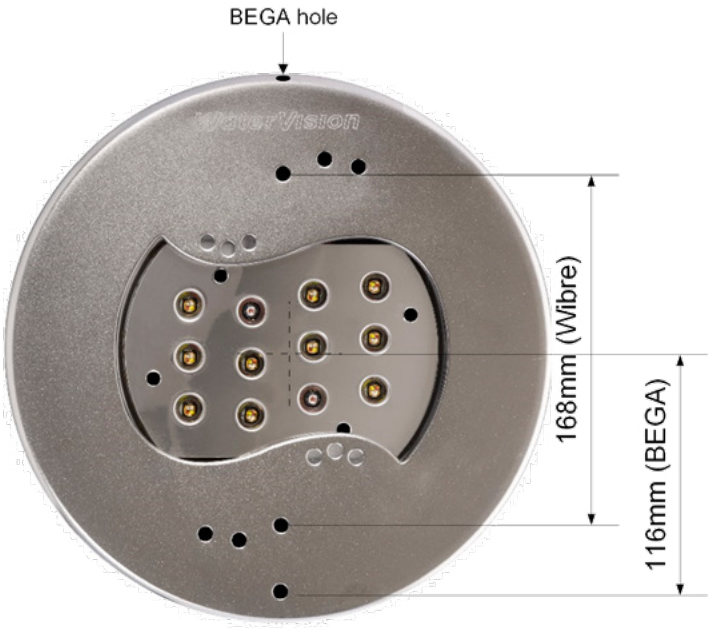
Easy to install

The WV15 Kelvin underwater floodlight can be installed easily and quickly, and has the following properties:

- Fits to all common boxes.
- Can be flush-mounted to the wall.
- Can be mounted with or without a recessed housing.
- Can be mounted on the bottom and walls of the swimming pool.
- No active components needed around the perimeter of the pool.
- All parts to be connected have clamp connectors, allowing for quick mounting
- Fully protected against installation errors, such as short circuits, accidentally swapping the positive and negative poles, damaging the cable, etc.

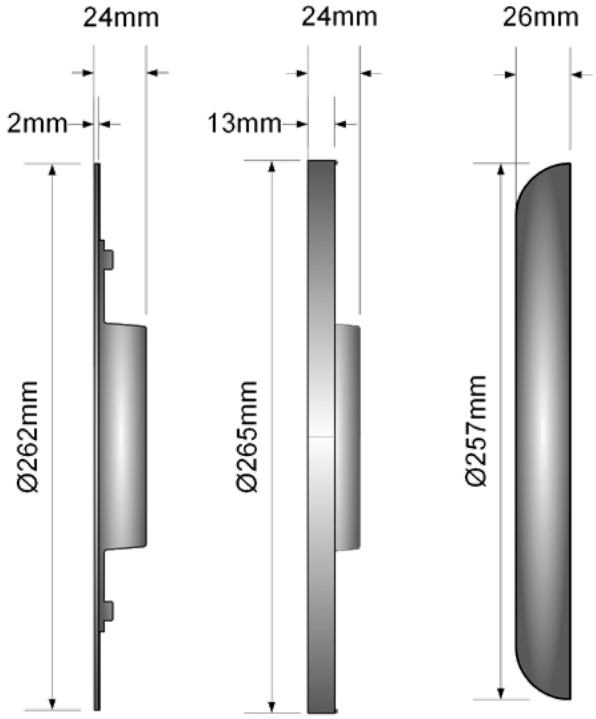
WV15 - three different fixtures

WV15 LED Pool light



Front view

Flat fixture (2mm)	13mm fixture	26mm fixture



Side view

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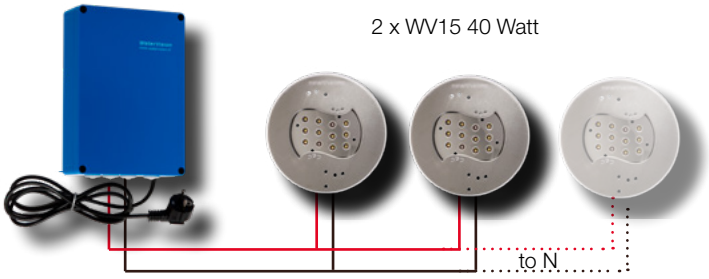
Technical specifications

Part	Value
Operating voltage	24V (DC)
LED driver	Integrated into the lamp housing
Output	40W, 60W, 80W, 100W, 120W
Light output	up to 180 lumen per Watt
Application	Swimming pools
Light colours	Warm White (3000K) and Cool White (6000K) and Aqua Blue
Ambient temperature (C)	-20° to +42° (standard).
Safety features	Multiple safety features protect against overheating, voltage peaks and electromagnetic effects. Impact and vibration-proof.
Cable	10 m (standard), 15, 20 to 50 m x 2x1 mm2. Cable sheath Ø7 mm.
Material	Chlorinated water: Stainless steel 316L / 1.4404 Salt water: Stainless steel 904L / 1.4539 with wear and impact-resistant acrylate light window
Optics	- Multimirror® wide angle clear - Multimirror® frosted

Part	Value
Housing	1. Fixture with 2mm rim 2. Fixture with 13mm rim 3. Fixture with 26mm rim
Protection class	IP68; hermetically sealed, water seal at cable inlet.
Dimensions	2mm rim: Ø262mm x 24mm 13mm rim: Ø265mm x 24mm 26mm rim: Ø257mm x 26mm
Dimmable	Optional
Safety class	III
Warranty	2 years
Conformity	CE
Country of origin	The Netherlands

Installation diagrams

24V / 80 Watt driver .....to N Watt



24V / 320 Watt driver .....to N Watt

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