

Recessed WDX 5 LED floodlight

Recessed floodlight WDX 5 and WDX 8, for installation in WD 50 wall duct system. Accent lighting for swimming pond or pool.

Type	Power consumption W	Voltage V	Cable m	Colour K	Lighting angle	Class IP	Energy label	Body	Art. no.
WDX 5	5	24 V DC	7.5	3000	120°	68/1 m	A	316 L	301030
WDX 8	8	24 V DC	7,5	3000	120°	68/1 m	A	316 L	301034

Flange diameter	Installation diameter	Total length	Power cable	Outer cable diameter
ø 45 mm	ø 30 mm	50 mm	2 x 0.75 mm²	ø 7 mm - H05RN-F

- High-Power LED warm white 3000 K.
- Solid 316 L stainless steel housing.
- Fixed cable connection, embedded LED module.
- 24 V-DC (direct current) safety voltage.
- 7.5 metre cable.
- Built-in surge protector.
- Fit with WD-50 wall duct 901045 + insert 901046.

Warranty

2-year warranty in accordance with the General Terms and Conditions.

Optimum illumination up to (m)										
Type	1	2	3	4	5	6				
WDX 5 - 8										



Recessed WDX 15 LED floodlight

Recessed floodlight, for installation in WD 50 wall duct system.

The high-performance LED-WDX 15 recessed spotlight beautifully illuminates any swimming pond or pool.

Type	Power consumption W	Voltage V	Cable m	Colour K	Lighting angle	Class IP	Energy label	Body	Art. no.
WDX 15	15	24 V DC	7.5	3000	120°	68/1 m	A	316 L	301031

Flange diameter	Installation diameter	Total length	Power cable	Outer cable diameter
ø 120 mm	ø 50 mm	70 mm	2 x 0.75 mm²	ø 7 mm - H05RN-F

- High-Power LED warm white 3000 K.
- Solid 316 L stainless steel housing.
- Fixed cable connection, embedded LED module.
- 24 V-DC (direct current) safety voltage.
- 7.5 metre cable.
- Built-in surge protector.
- Fit with WD-50 wall duct 901045.

Warranty

2-year warranty in accordance with the General Terms and Conditions.

Optimum illumination up to (m)										
Type	1	2	3	4	5	6				
WDX 15										



WDX 50 recessed LED floodlight

Recessed floodlight, easy to install in the 110 wall duct (901085) for the illumination of larger bodies of water.

Type	Power consumption W	Voltage V	Cable m	Colour K	Lighting angle	Class IP	Energy label	Body	Art. no.
WDX 50	50	24 V DC	7.5	3000	120°	68/1 m	A	316 L	301032

Flange diameter ø mm	Installation diameter ø mm	Total length mm	Power cable	Outer cable diameter
ø 180 mm	ø 110 mm	30 mm	2 x 0.75 mm ²	ø 7 mm - H05RN-F

- High-Power LED spotlight with 4 LED modules.
- 316 L stainless steel housing.
- Fixed cable connection.
- Embedded LED module.
- 24 V-DC (direct current) safety voltage.
- 7.5 metre cable.
- Built-in surge protector.
- High light intensity.
- Fit with 110 mm wall duct 901085.

Warranty

2-year warranty in accordance with the General Terms and Conditions.

Optimum illumination up to (m)										
Type	1	2	3	4	5	6				
WDX 50										



Overview of required parts for fitting recessed WDX LED spotlight.

				
Required for each spotlight	WDX 5 and WDX 8	WDX 15	WDX 50	Art. no.
WD 50 wall duct	1	1	–	901045
Adjustable water inlet	1	–	–	901046
Cable seal 6 > 10 mm	1	1	1	901047
PVC pipe ø 50 mm	1	1	–	904099
PVC glued socket ø 50 mm	1	1	–	901022
Wall duct 110	–	–	1	901095
PVC reduction socket 110 x 50	–	–	1	904165
PVC pipe 110 mm	–	–	1	904102

The 50 and 110 PVC pipes are delivered in standard lengths and should be cut to the right length. 1 to 2 metre of the total cable length should be fitted in the pipe for the cable seal. The spotlight can easily be removed from the wall duct if necessary.

Cable seal



Adjustable water inlet



Wall duct 50



Transformer cabinet with built-in transformer

Converts 230 V mains voltage into safe 24 V DC.

Ensure you choose the correct transformer for the number of spotlights to be connected. Use the table for max. connected load to prevent peak voltage at start up and cable resistance.

Type	Voltage IN	Voltage OUT	Power consumption W	Connected load max. W	Art. no.
Power DC 35	230 V	24 V DC	35 W	25	FT 90311
Power DC 60	230 V	24 V DC	60 W	45	FT 90312
Power DC100	230 V	24 V DC	100 W	80	FT 90316
Power DC150	230 V	24 V DC	150 W	120	FT 90318

- Plastic cabinet, 24 x 19 x 9 cm, wall installation, IP 56.
- 1 free PG gland connection for 24 V power cable.
- 1 1.5 m power cable with 230 V plug.



Cable junction boxes



Mini tube 2



Mini box 4



Connect 6

Waterproof junction boxes for connecting submersed spotlights and power cable to the transformer.

Type	Cable diameter	Dimensions	Class	Art. no.
Minitube 2	7 - 12 mm	68 x 23 mm	IP 68 / 1m	909012
Minibox 4	7 - 14 mm	108 x 65 mm	IP 68 / 1m	909013
Connect 6B1	6.5 - 11 mm	160 x 45 mm	IP 68 / 1m	909008
Connect 6B2	9.5 - 13 mm	170 x 45 mm	IP 68 / 1m	909009

Neoprene power cable H07RN-F

Power cable table max. length in metres with voltage of 24 V DC.



Core diameter (mm²)	Outer diameter ø mm	Power consumption up to and including:					Art. no. per metre
		20W	50W	100W	150W	300W	
2 x 1.0	8.3	40	17	8.5	5.5	3	909019
2 x 1.5	8.8	65	25	12.5	8.5	4.5	909006
2 x 2.5	10.4	105	42	21	14	7	909005