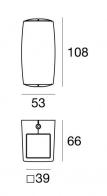
Wall Lights | 198-264 V AC /186-275 V DC 2 x powerLED 8 W DC - 9 W AC | CRI 80 82768W45





Installation position Wall lights Installation environment Outdoor Light Source LED Circuit structure powerLED Optics Double Medium Wide Flood Light emission direction downward and upward Light emission direction 8 W DC Total Power 8 W DC Total Power 9 W Source lumens 980 Im Nominal input voltage 220 - 240 V AC Input voltage range 198 - 264 V AC Frequency 50 - 60 Hz CCT / Tone 3000 K Colour rendering index 80 Ra C.C. / C.V. AC Safety class 2 IP IPE IPE6 IK IKO5 Glow wire test 850° Direct mounting on normally flammable surfaces Yes CE Yes Dirver Dimmable article No Dirver No Dirver No Dirver No Dirver No Cable included Yes Cable length 1 m Resin potting Yes Type of light emission Double emission Net weight 0.31 Kg Electrostatic discharge protection Yes Surge protection 1 KV	Technical data	
Installation environmentOutdoorLight SourceLEDCircuit structurepowerLEDOpticsDouble MediumWide Flooddownward andLight emission directiondownward andNominal power8 W DCTotal Power9 WSource lumens980 ImNominal input voltage220 - 240 V ACInput voltage range198 - 264 V ACFrequency50 - 60 HzCCT / Tone3000 KColour rendering index80 RaC.C. / C.V.ACSafety class2IPIP66IKIK05Glow wire test850°Direct mounting on normally flammable surfacesYesDirectionalNoDirectionalNoCable includedYesCable length1 mResin pottingYesType of light emissionDouble emissionNet weight0.31 KgElectrostatic discharge protectionYesSurge protection1 KV	Туре	Surface
Light SourceLEDCircuit structurepowerLEDOpticsDouble Medium Wide FloodLight emission directiondownward and upwardNominal power8 W DCTotal Power9 WSource lumens980 ImNominal input voltage220 - 240 V ACInput voltage range198 - 264 V ACFrequency50 - 60 HzCCT / Tone3000 KColour rendering index80 RaC.C. / C.V.ACSafety class2IPIP66IKIK05Glow wire test850°Direct mounting on normally flammable surfacesYesDirectionalNoDirectionalNoCable includedYesCable includedYesCable includedYesCable includedYesType of light emissionDouble emissionNet weight0.31 KgElectrostatic discharge protectionYesSurge protection1 KV	Installation position	Wall lights
Circuit structurepowerLEDOpticsDouble Medium Wide FloodLight emission directiondownward and upwardNominal power8 W DCTotal Power9 WSource lumens980 ImNominal input voltage220 - 240 V ACInput voltage range198 - 264 V ACFrequency50 - 60 HzCCT / Tone3000 KColour rendering index80 RaCC. / C. V.ACSafety class2IPIP66IKIKO5Glow wire test850°Driver includedDriverDirect mounting on normally flammable surfacesYesDirectionalNoWalk-overNoDirectonalNoCable includedYesCable includedYesCable includedYesTittingYesCable length1 mResin pottingYesType of light emissionDouble emissionNet weight0.31 KgElectrostatic discharge protectionYesSurge protection1 KV	Installation environment	Outdoor
DepticsDouble Medium Wide FloodLight emission directiondownward and upwardNominal power8 W DCTotal Power9 WSource lumens980 lmNominal input voltage220 - 240 V ACInput voltage range198 - 264 V ACFrequency50 - 60 HzCCT / Tone3000 KColour rendering index80 RaC.C. / C.V.ACSafety class2IPIP66IKIK05Glow wire test850°Direct mounting on normally flammable surfacesYesDirect mounting on normally flammable surfacesYesDirectionalNoDirectionalNoDirectonalNoCable includedYesCable includedYesCable includedYesCable includedYesCable length1 mResin pottingYesType of light emissionDouble emissionNet weight0.31 KgElectrostatic discharge protection1 KV	Light Source	LED
UppersWide FloodLight emission directiondownward and upwardNominal power8 W DCTotal Power9 WSource lumens980 ImNominal input voltage220 - 240 V ACInput voltage range198 - 264 V ACFrequency50 - 60 HzCCT / Tone3000 KColour rendering index80 RaC.C. / C.V.ACSafety class2IPIP66IKIK05Glow wire test850°Direct mounting on normally flammable surfacesYesDirectionalNoDirectionalNoDirectionalNoCable includedYesCable includedYesCable length1 mResin pottingYesType of light emissionDouble emissionNet weight0.31 KgElectrostatic discharge protection1 KV	Circuit structure	powerLED
Light emission directionupwardNominal power8 W DCTotal Power9 WSource lumens980 ImNominal input voltage220 - 240 V ACInput voltage range198 - 264 V ACFrequency50 - 60 HzCCT / Tone3000 KColour rendering index80 RaC.C. / C.V.ACSafety class2IPIP66IKIK05Glow wire test850°Direct mounting on normally flammable surfacesYesCEYesDriver includedDriverDirectionalNoTiltingNoWalk-overNoDrive-overNoCable includedYesCable length1 mResin pottingYesType of light emissionYesSurge protectionYesSurge protection1 KV	Optics	
Total Power9 WSource lumens980 lmNominal input voltage220 - 240 V ACInput voltage range198 - 264 V ACFrequency50 - 60 HzCCT / Tone3000 KColour rendering index80 RaC.C. / C.V.ACSafety class2IPIP66IKIK05Glow wire test850°Direct mounting on normally flammable surfacesYesCEYesDirver includedDriverDirectionalNoTiltingNoWalk-overNoDrive-overNoCable length1 mResin pottingYesType of light emissionDouble emissionNet weight0.31 KgElectrostatic discharge protection1 KV	Light emission direction	
Source lumens980 lmNominal input voltage220 - 240 V ACInput voltage range198 - 264 V ACFrequency50 - 60 HzCCT / Tone3000 KColour rendering index80 RaC.C. / C.V.ACSafety class2IPIP66IKIK05Glow wire test850°Direct mounting on normally flammable surfacesYesDriver includedDriverDirectionalNoDirectionalNoDrive-overNoCable includedYesCable length1 mResin pottingYesType of light emissionDouble emissionNet weight0.31 KgElectrostatic discharge protectionYesSurge protection1 KV	Nominal power	8 W DC
Nominal input voltage220 - 240 V ACInput voltage range198 - 264 V ACFrequency50 - 60 HzCCT / Tone3000 KColour rendering index80 RaC.C. / C.V.ACSafety class2IPIP66IKIK05Glow wire test850°Direct mounting on normally flammable surfacesYesCEYesDriver includedDriverDirectionalNoTittingNoWalk-overNoDrive-overNoCable includedYesCable length1 mResin pottingYesType of light emissionDouble emissionNet weight0.31 KgElectrostatic discharge protection1 KV	Total Power	9 W
Input voltage range198 - 264 V ACFrequency50 - 60 HzCCT / Tone3000 KColour rendering index80 RaC.C. / C.V.ACSafety class2IPIP66IKIK05Glow wire test850°Direct mounting on normally flammable surfacesYesCEYesDirver includedDriverDirectionalNoDirectionalNoDirectoreNoDirveroverNoDirveoverNoDirveoverNoDirveoverNoDirveoverNoDirveotingYesCable length1 mResin pottingYesType of light emissionDouble emissiorNet weight0.31 KgElectrostatic discharge protection1 KV	Source lumens	980 lm
Frequency50 - 60 HzCCT / Tone3000 KColour rendering index80 RaC.C. / C.V.ACSafety class2IPIP66IKIK05Glow wire test850°Direct mounting on normally flammable surfacesYesCEYesDriver includedDriverDimmable articleNoDirectionalNoTiltingNoWalk-overNoDrive-overNoCable includedYesCable length1 mResin pottingYesType of light emissionDouble emissionNet weight0.31 KgElectrostatic discharge protectionYesSurge protection1 KV	Nominal input voltage	220 - 240 V AC
CCT / Tone3000 KColour rendering index80 RaC.C. / C.V.ACSafety class2IPIP66IKIK05Glow wire test850°Direct mounting on normally flammable surfacesYesCEYesDriver includedDriverDimmable articleNoDirectionalNoTittingNoOrive-overNoCable includedYesCable length1 mResin pottingYesType of light emissionDouble emissionNet weight0.31 KgElectrostatic discharge protection1 KV	Input voltage range	198 - 264 V AC
Colour rendering index80 RaC.C. / C.V.ACSafety class2IPIP66IKIK05Glow wire test850°Direct mounting on normally flammable surfacesYesCEYesDriver includedDriverDirectionalNoDirectoverNoDrive-overNoCable includedYesCable length1 mResin pottingYesType of light emissionDouble emissionNet weight0.31 KgElectrostatic discharge protection1 KV	Frequency	50 - 60 Hz
C.C. / C.V.ACSafety class2IPIP66IKIK05Glow wire test850°Direct mounting on normally flammable surfacesYesCEYesDirver includedDriverDimmable articleNoDirectionalNoTiltingNoWalk-overNoDrive-overNoCable includedYesCable length1 mResin pottingYesType of light emissionDouble emissionNet weight0.31 KgElectrostatic discharge protectionYesSurge protection1 KV	CCT / Tone	3000 K
Safety class2IPIP66IKIK05Glow wire test850°Direct mounting on normally flammable surfacesYesCEYesDriver includedDriverDimmable articleNoDirectionalNoTiltingNoWalk-overNoDrive-overNoCable includedYesCable length1 mResin pottingYesType of light emissionDouble emissionNet weight0.31 KgElectrostatic discharge protectionYesSurge protection1 KV	Colour rendering index	80 Ra
PIP66IKIK05Glow wire test850°Direct mounting on normally flammable surfacesYesCEYesDriver includedDriverDimmable articleNoDirectionalNoDireverNoDirve-overNoCable includedYesCable length1 mResin pottingYesType of light emissionDouble emissionNet weight0.31 KgElectrostatic discharge protectionYesSurge protection1 KV	C.C. / C.V.	AC
KIK05Glow wire test850°Direct mounting on normally flammable surfacesYesCEYesDriver includedDriverDimmable articleNoDirectionalNoTiltingNoWalk-overNoDrive-overNoCable includedYesCable length1 mResin pottingYesType of light emissionDouble emissionNet weight0.31 KgElectrostatic discharge protection1 KV	Safety class	2
Glow wire test850°Direct mounting on normally flammable surfacesYesCEYesDriver includedDriverDimmable articleNoDirectionalNoTiltingNoWalk-overNoDrive-overNoCable includedYesCable length1 mResin pottingYesType of light emissionDouble emissionNet weight0.31 KgElectrostatic discharge protectionYesSurge protection1 KV	IP	IP66
Direct mounting on normally flammable surfacesYesCEYesDriver includedDriverDimmable articleNoDirectionalNoTiltingNoWalk-overNoDrive-overNoCable includedYesCable length1 mResin pottingYesType of light emissionDouble emissionNet weight0.31 KgElectrostatic discharge protection1 KV	К	IK05
CE     Yes       Driver included     Driver       Dimmable article     No       Directional     No       Directional     No       Tilting     No       Walk-over     No       Drive-over     No       Cable included     Yes       Cable length     1 m       Resin potting     Yes       Type of light emission     Double emission       Net weight     0.31 Kg       Electrostatic discharge protection     Yes       Surge protection     1 KV	Glow wire test	850°
Driver included       Driver         Dimmable article       No         Directional       No         Tilting       No         Walk-over       No         Drive-over       No         Cable included       Yes         Cable length       1 m         Resin potting       Yes         Type of light emission       Double emission         Net weight       0.31 Kg         Electrostatic discharge protection       Yes         Surge protection       1 KV	Direct mounting on normally flammable surfaces	Yes
Dimmable article     No       Directional     No       Tilting     No       Walk-over     No       Drive-over     No       Cable included     Yes       Cable length     1 m       Resin potting     Yes       Type of light emission     Double emission       Net weight     0.31 Kg       Electrostatic discharge protection     Yes       Surge protection     1 KV	CE	Yes
Directional     No       Tilting     No       Walk-over     No       Drive-over     No       Cable included     Yes       Cable length     1 m       Resin potting     Yes       Type of light emission     Double emission       Net weight     0.31 Kg       Electrostatic discharge protection     Yes       Surge protection     1 KV	Driver included	Driver
Tilting     No       Walk-over     No       Drive-over     No       Cable included     Yes       Cable length     1 m       Resin potting     Yes       Type of light emission     Double emission       Net weight     0.31 Kg       Electrostatic discharge protection     Yes       Surge protection     1 KV	Dimmable article	No
Walk-over     No       Drive-over     No       Cable included     Yes       Cable length     1 m       Resin potting     Yes       Type of light emission     Double emission       Net weight     0.31 Kg       Electrostatic discharge protection     Yes       Surge protection     1 KV	Directional	No
Drive-over     No       Cable included     Yes       Cable length     1 m       Resin potting     Yes       Type of light emission     Double emission       Net weight     0.31 Kg       Electrostatic discharge protection     Yes       Surge protection     1 KV	Tilting	No
Cable includedYesCable length1 mResin pottingYesType of light emissionDouble emissionNet weight0.31 KgElectrostatic discharge protectionYesSurge protection1 KV	Walk-over	No
Cable length     1 m       Resin potting     Yes       Type of light emission     Double emission       Net weight     0.31 Kg       Electrostatic discharge protection     Yes       Surge protection     1 KV	Drive-over	No
Resin potting     Yes       Type of light emission     Double emission       Net weight     0.31 Kg       Electrostatic discharge protection     Yes       Surge protection     1 KV	Cable included	Yes
Type of light emission     Double emission       Net weight     0.31 Kg       Electrostatic discharge protection     Yes       Surge protection     1 KV	Cable length	1 m
Net weight     0.31 Kg       Electrostatic discharge protection     Yes       Surge protection     1 KV	Resin potting	Yes
Electrostatic discharge protection Yes Surge protection 1 KV	Type of light emission	Double emission
Surge protection 1 KV	Net weight	0.31 Kg
	Electrostatic discharge protection	Yes
Product technological characteristics Acquastop - TV	Surge protection	1 KV
	Product technological characteristics	Acquastop - TVS

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Finishing casing		
Material	Die-cast Aluminium EN AB - 46100	
Colour	White	
Processing	Open pore anodizing + Powder Coating	

Finishing diffuser		
Material	Extra clear glass - Tempered	
Colour	opaline	
Processing	Sandblasting	



## Wall Lights | 198-264 V AC /186-275 V DC | 2 x powerLED 8 W DC - 9 W AC | CRI 80 |

Base 82768W45

Double emission wall lights for outdoor application. The warm white LED light source with a double medium wide flood light distribution is composed of 2 powerled LEDs with CCT of 3000 K and a CRI 80; the source luminous flux is 980 lm, with a 122.5 lm/W nominal luminous efficacy.

The device body is made of die-cast aluminium en ab - 46100 and features a white finish, processed by means of open pore anodizing + powder coating; the diffuser is made of extra clear glass - tempered with a sandblasting treatment. The ingress protection degree is IP66; the total weight is of 0.31 kg.

The total absorbed power is 9 W. The power supply cable is included and features a 1 m length.

The device features protection class II and can be wall lights-mounted.

Compliant with the EN 60598-1 standard and its specific provisions.

Energy efficiency class

This product contains 2 light sources of energy efficiency class E.

Illuminotechnical Features	
Light Output Ratio (LOR)	67 %
Source lumens	980 lm
Delivered lumens	666 lm
Consumption	9 W
Luminaire efficacy	74 lm/W
Colour temperature	3000 K
Standard Deviation of Colour Matching	3 Step MacAdam
Colour rendering index	80 Ra
Standard Operating Ambient Temperature	-20 / +50°C
Ordinary temperature on the glass	40°C

## LED Life / Failure Ratio

L70 B10 C0 247450h (at Tj 60 Ta 25 )

## UGR

UGR axial	21.3
UGR transversal	21.4
X=4H   Y=8H	S=0.25H
Reflection factor	70/50/20

## OPTICAL

OFTICAL	
C0/C180 optics	44°
Light distribution simmetry	Symmetrical

