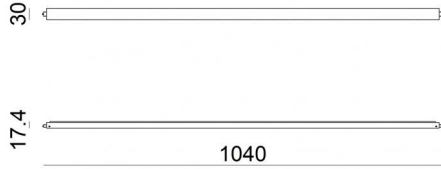


Xilema System



Wall Lights | 1 topLED 9 W DC 48 V | CRI 80
9100



Technical data	
Construction year	2019
Type	Wall Lights
Installation position	Wall lights - Ceiling
Installation environment	Indoor
Light Source	LED
Circuit structure	topLED
Optics	Diffused
Light emission direction	upward
Nominal power	9 W DC
Source lumens	1040 lm
Voltage	48V
Frequency	50-60 Hz
CCT / Tone	3000 K
Colour rendering index	80 Ra
C.C. / C.V.	CV
Safety class	3
IP	IP20
Glow wire test	650°
Direct mounting on normally flammable surfaces	Yes
CE	Yes
Driver included	No
Dimmable article	No
Directional	No
Tilting	No
Walk-over	No
Drive-over	No
Cable included	No
Resin potting	No
Type of light emission	Single emission
Net weight	1 Kg
Electrostatic discharge protection	No
Surge protection	No

Finishing casing	
Material	Aluminium
Colour	White
Processing	Coating

Finishing diffuser	
Material	PC
Processing	Satin finishing



Wall Lights | 1 topLED 9 W DC 48 V | CRI 80 | Base 9100

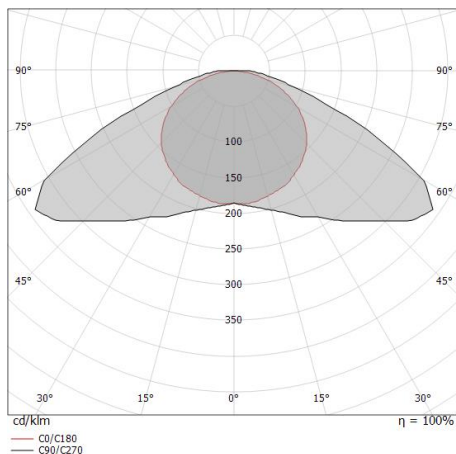
Single emission wall lights for indoor application. The warm white LED light source with a diffused light distribution is composed of 1 topped LEDs with CCT of 3000 K and a CRI 80; the source luminous flux is 1040 lm, with a 115.6 lm/W nominal luminous efficacy.

The device body is made of aluminium and features a white finish, processed by means of coating; the diffuser is made of PC with a satin finishing treatment. The ingress protection degree is IP20; the total weight is of 1 kg. The power supply driver is not provided and is to be ordered separately.

The total absorbed power is 9 W.

The device features protection class III and can be wall lights or ceiling-mounted.

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



Distance [m]	Cone diameter [m]	illuminance [lx]
0.5	2.48 1.94	E(0°) 675 E(C90) 33 E(C0) 33
1.0	4.95 3.87	E(0°) 169 E(C90) 8 E(C0) 8
1.5	7.43 5.81	E(0°) 75 E(C90) 4 E(C0) 4
2.0	9.90 7.75	E(0°) 42 E(C90) 2 E(C0) 2
2.5	12.38 9.69	E(0°) 27 E(C90) 1 E(C0) 1
3.0	14.85 11.62	E(0°) 19 E(C90) 1 E(C0) 1

Distance [m] Cone diameter [m] illuminance [lx]

— C0/C180 (Half-peak divergence: 125.4°)
— C90/C270 (Half-peak divergence: 136.0°)

Energy efficiency class

This product contains a light source of energy efficiency class F.

Illuminotechnical Features

Light Output Ratio (LOR)	87 %
Source lumens	1040 lm
Delivered lumens	910 lm
Consumption	9.5 W
Luminaire efficacy	95 lm/W
Colour temperature	3000 K
Standard Deviation of Colour Matching	3 Step MacAdam
Colour rendering index	80 Ra
Junction temperature (lighting fixture)	80
Standard Operating Ambient Temperature	25°C

LED Life / Failure Ratio

L70 B20 C0 72500h

UGR

UGR axial	30
UGR transversal	27.1
X=4H Y=8H	S=0.25H
Reflection factor	70/50/20

OPTICAL

C90/C270 optics	136°
C0/C180 optics	125°
Light distribution symmetry	Symmetrical 2 axis



Wall Lights | 1 topLED 9 W DC 48 V | CRI 80
9100

Components

	<p>Xilema System - Lampada a parete</p>	<p>Code <u>9103</u></p>
	<p>Xilema System</p>	<p>Code <u>9104</u></p>
	<p>Xilema System</p>	<p>Code <u>9105</u></p>
	<p>Xilema System - Lampada a parete</p>	<p>Code <u>9101</u></p>
	<p>Xilema System - Lampada a parete</p>	<p>Code <u>9102</u></p>