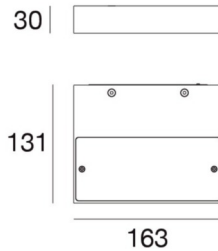


Regolo 160



| CRI 80
9037



Technical data	
Installation position	Wall lights
Installation environment	Indoor
Light Source	LED
Circuit structure	topLED
Optics	General Lighting
Light emission direction	upward
Power	18 W
Source lumens	2025 lm
Frequency	60 - 50 Hz
CCT / Tone	3000 K
Colour rendering index	80 Ra
AC / DC	AC
Safety class	1
IP	IP40
Glow wire test	850°
Direct mounting on normally flammable surfaces	No
CE	Yes
ETL	No
Fire Rated (BS 476 PT21 compliant)	No
Driver included	Driver
Induction	No
Emergency mode	No
Motion sensor	No
Directional	No
Tilting	No
Walk-over	No
Drive-over	No
Cable included	No
Resin potting	No
Type of light emission	Single emission
Electrostatic discharge protection	No
Surge protection	No

Finishing casing	
Material	Aluminium
Processing	Anodisation

Finishing diffuser	
Material	UV Resistant Polycarbonate
Colour	opaline
Processing	Sandblasting

Finishing mounting frame	
Material	Iron
Colour	zinc
Processing	Washing

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Single emission wall lights for indoor application. The warm white LED light source with a general lighting light distribution is composed of 1 topped LEDs with CCT of 3000 K and a CRI 80; the source luminous flux is 2025 lm, with a 112.5 lm/W nominal luminous efficacy.

The device body is made of aluminium, processed by means of anodisation; the diffuser is made of uv resistant polycarbonate with a sandblasting treatment; the mounting frame is made of iron, with a zinc finish, processed by means of washing. The ingress protection degree is IP40;

The total absorbed power is 18 W.

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

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

Illuminotechnical Features

Light Output Ratio (LOR)	73 %
Source lumens	2025 lm
Delivered lumens	1485.02 lm
Consumption	18 W
Luminaire efficacy	82 lm/W
Colour temperature	3000 K
Standard Deviation of Colour Matching	3 Step MacAdam
Colour rendering index	80 Ra
Junction temperature (lighting fixture)	80 °C
Standard Operating Ambient Temperature	20 °C

LED Life / Failure Ratio

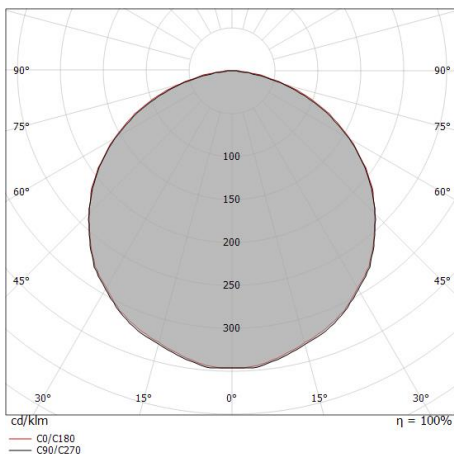
L70 B20 C0 72.5h

UGR

X=4H Y=8H	S=0.25H
Reflection factor	70/50/20
UGR transversal	> 28
UGR axial	> 28

OPTICAL

Light distribution simmetry	Symmetrical
C0/C180 optics	114°



Distance [m]	Cone diameter [m]	E(0°)	E(C90)	E(C0)	Illuminance [lx]
0.5	1.55 1.56	2059	165	161	
1.0	3.09 3.13	515	41	40	
1.5	4.64 4.69	229	18	18	
2.0	6.18 6.25	129	10	10	
2.5	7.73 7.82	82	7	6	
3.0	9.27 9.38	57	5	4	

Distance [m] Cone diameter [m] Illuminance [lx]

— C0/C180 (Half-peak divergence: 114.8°)
— C90/C270 (Half-peak divergence: 114.2°)