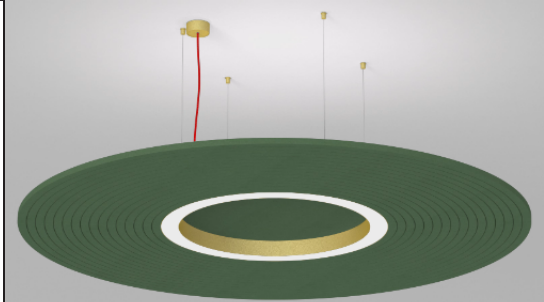
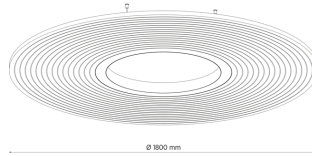


## ORBIS PRO - MEETING ROOM



# 411-0584



### MOUNTING

Mounting location: Ceiling  
Type: Suspended  
Feedcable: 2000mm / red

### ELECTRICAL

Voltage: 220-240V  
Control gear needed: Yes  
Control gear included: Yes  
Dimming: Matter  
Total power: 78 W  
Power loss ballast: 7.1 W

### DIMENSION

Diameter: 1800 mm  
Height: 90 mm  
Weight (net): 18.9 kg

### LIGHT

Adjustability: fixed  
Light calculation: Direct/Indirect  
Separately switchable: Switchable  
Diffuser: Opal

### LAMP DESCRIPTION

Lamp type: LED  
Service Life: L80B10 50000h at 25° C  
Luminous flux of the light source: 11933 lm  
Luminous flux of the luminaire: 9190 lm  
Luminous flux of the luminaire (direct): 5843 lm  
Luminous flux of the luminaire (indirect): 3347 lm  
Efficacy: 117.6 lm/W  
Colour rendering index (CRI): >90  
MacAdam: 3  
Risk Group: RG1  
LED colour direct: 2700K  
LED colour indirect: 2700K

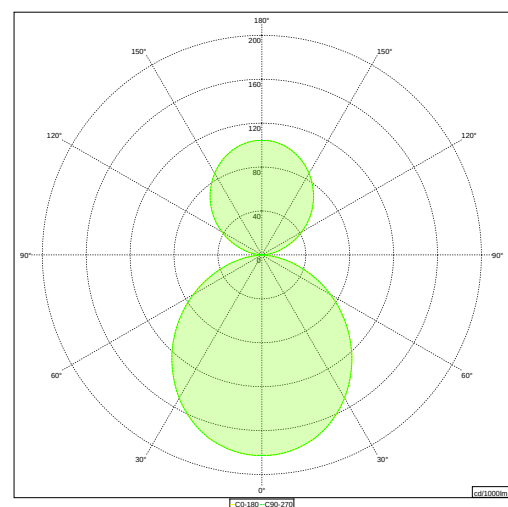
### ORDER NUMBER

411-0584.29-29.27-01-08-24-27

### TECHNICAL DESCRIPTION

Pendant light · invisible weld seams · Power feed and canopy (set) · Canopy with 2 clamps for further wiring · Ceiling rose and cable pre-assembled · Suspension length 2 or 6m, optionally in the variants transparent, white, black, orange, red. · Individual shortening of the suspension is possible. · RAL colors on request · 2 powder-coated color options · 240 Volt, 50/60 Hz · "MATTER"- Standard · 3-pole terminal block · Direct light colors: optionally 2700K, 3000K, 3500K or 4000K. · Indirect light colors: optionally 2700K, 3000K, 3500K or 4000K. · separate indirect circuit boards · CRI > 90 · MacAdam: 3 · 50,000 hours lifespan · Flicker-free operation with suitable electronic ballast · Primary and secondary optics for perfect resolution of the LED points and brightening of the ceiling. · Light source can be replaced by professional staff. · Electrical Protection Class 1 · IP protection type IP20 · complies with EN 60598-1 · Height: 90 mm · Diameter: 1800 mm

### POLAR CURVE



Measurement based on the color white



Date: 04/17/2026

We reserve the right to make technical changes without prior notice.

PROLICHT GmbH | Austria | 6091 Götzens | Gewerbepark 9

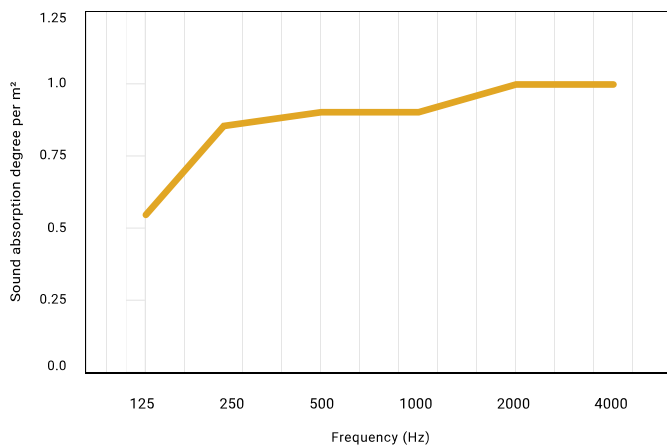
T +43 5234 33 499 | F +435234 33 499-22 | info@prolicht.at | www.prolicht.at

## MAINTAINANCE FACTOR

Service life	10 000 h	20 000 h	30 000 h	40 000 h	50 000 h
LLMF	0.96	0.92	0.88	0.84	0.80
LSF	1	1	1	1	1

The Maintenance Factor (MF), as defined in EN 12464-1, is calculated as  $MF = LLMF \times LSF \times LMF \times RMF$ . LLMF (Lamp Lumen Maintenance Factor) and LSF (Lamp Survival Factor) depend on the luminaire type and quality, while LMF and RMF are influenced by environmental factors like dust, room conditions, and maintenance intervals.

## ACOUSTIC PERFORMANCE - ISO $A_{OBJ}$ , $M^2$



Frequency (Hz)	125	250	500	1000	2000	4000
per $m^2$	0.55	0.85	0.90	0.90	1.00	1.00

The graphic shows the equivalent sound absorption per object ( $A_{obj}$ ) at the third-octave-band center frequency in accordance with ISO 20189. During the measurement, pink noise was used as the excitation signal in a hard-walled room.

**Acoustic Area:** 2.392  $m^2$   
**Material Thickness:** 24 mm

## LUMINAIRES PER CIRCUIT BREAKER TYPE

Type	B10	B13	B16	B20	C10	C13	C16	C20
#	6	8	10	13	10	14	17	22

This table provides an overview of different types of circuit breakers and the maximum number of lamps that can be connected to each breaker type. The permissible number depends on the characteristics of the circuit breaker (e.g., Type B, C, or D) as well as the power consumption and inrush current of the lamps used. These values serve as a reference for planning electrical installations in lighting applications.