SOUNDCATCHER sharp octo 1000 acoustic light spotline

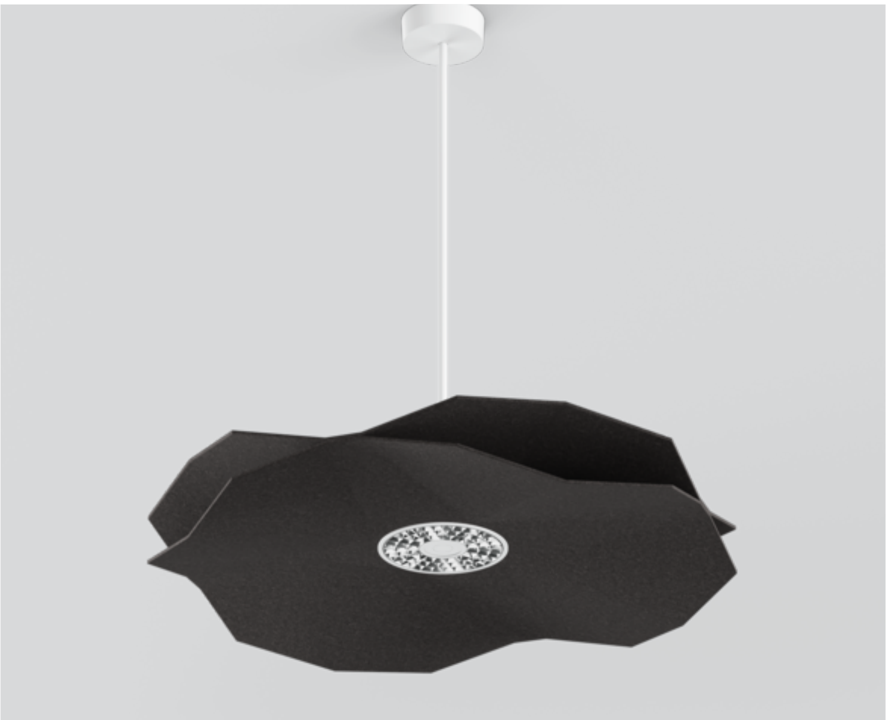
suspended

091-31605377W 091-311320B

Project / Type

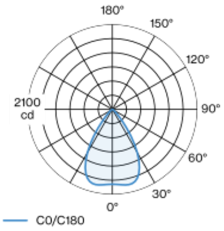
Notes

Count / Date

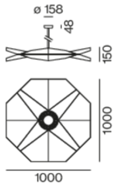


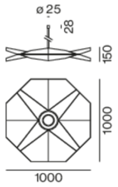
Acoustic element made of high quality, self-supporting PET felt with sound absorbing properties, consisting of at least 75 % post-consumer recycled PET; sharp octo design; constructed of two layers; suitable for single or group installation; high quality visual and tactile surface, anthracite; colour may deviate; acoustically effective cavities; large sound absorbing surface; absorption of direct sound and sound reflected from the ceiling; this creates high acoustic performance; pendant fitting with MITA circle 240 acoustic suspended LUMINAIRE; Ring-shaped light fitting in die-cast aluminium; extremely slim design; surface traffic white powder coated; with height adjustable rod suspension, feed in rod; electronic operating unit installed in the canopy; light colour 3000 K; ≤ 3 SDCM (initial MacAdam); CRI ≥ 80; min. 90% of luminous flux after 100000 operating hours; energy efficient LEDs with high CRI; fitted with single LED light points (traffic white); good glare control through recessed light point level; UGR ≤ 19; VDU compatible workplace luminaire according to DIN EN 12464-1; luminance above 65° ≤ 3000 cd/m²; degree of protection IP20; PC1; 220-240 V; internal wiring in light halogen free; incl. DALI-2 converter; light source replaceable by an authorized professional; control gear replaceable by an authorized professional;

Light distribution



Product drawing





X-PERT X-PERT 220-240 V

General

Ceiling | Suspended
traffic white | RAL 9016
Acoustic colour anthracite
PET felt (made of at least 50% post-consumer recycled material)
IP20
2170 lm

LED

3000 K
CRI ≥ 80
L90 / 100000 h
≤ 3 SDCM (initial MacAdam)
MR 0.56 | MDER 0.51

Optical

Spotline traffic white | spotline
UGR ≤ 19 | ≥65° <3000 cd/m²
PstLM ≤ 1.0 [1]| SVM ≤ 0.4 [1]

Electrical

DALI-2 | 1 DALI Addr.
PC1 | 220-240 V
system 14.1 W
system 154 lm/W [2]

Physical

rod 977 mm
diameter 240 mm | height 46.4 mm

[1] Value of containing product at full load (undimmed)
[2] incl. consideration of optical losses, internal control unit losses & operating device efficiency

Installation instructions

Lighting calculator

['091-31605377W 091-311320B'] The technical data represent rated values for an ambient temperature of 25°C. The data values for the luminous flux are initially subject to a tolerance of +/- 10%, those for the electrical connected load are initially subject to a tolerance of +/- 10%, and those for the colour temperature are initially subject to a tolerance of +/- 150 K. No liability is assumed for typographical or printing errors. The general terms and conditions of XAL GmbH apply, available at www.xal.com/en/gtc.

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Circuit Breaker Types

Automatic Circuit Breaker Type	Number of Fixtures
B10	18
B16	30
C10	23
C16	36

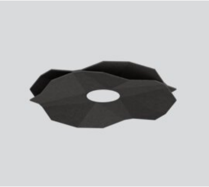
Equivalent sound absorption area (A_{eq})

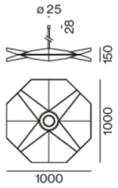
125 HZ	250 HZ	500 HZ	1000 HZ	2000 HZ	4000 HZ
0.4	0.8	1	1.4	1.7	1.9

Components

SOUNDCATCHER sharp octo

COLOUR	L·W·H (MM)	ARTICLE NUMBER(S)
anthracite	1000·1000·150	091-311320B



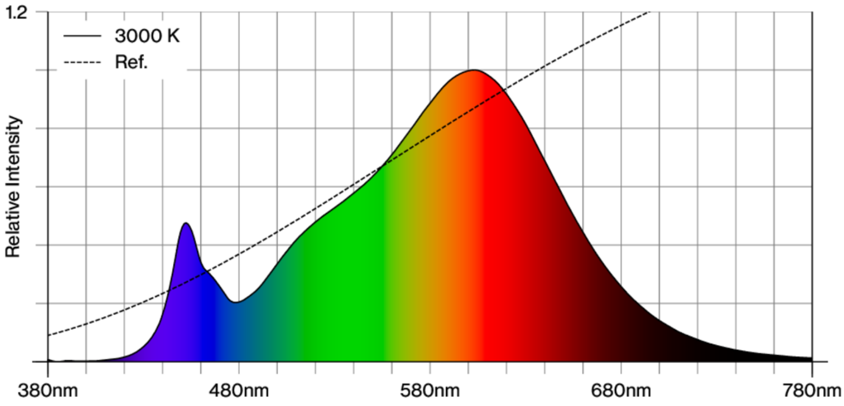


Mounting accessories

SYSTEM CONNECTOR

TYPE	COLOUR	ARTICLE NUMBER(S)
set of two connectors	traffic white	091-3191007
set of two connectors	jet black	091-3191008

Colour rendering



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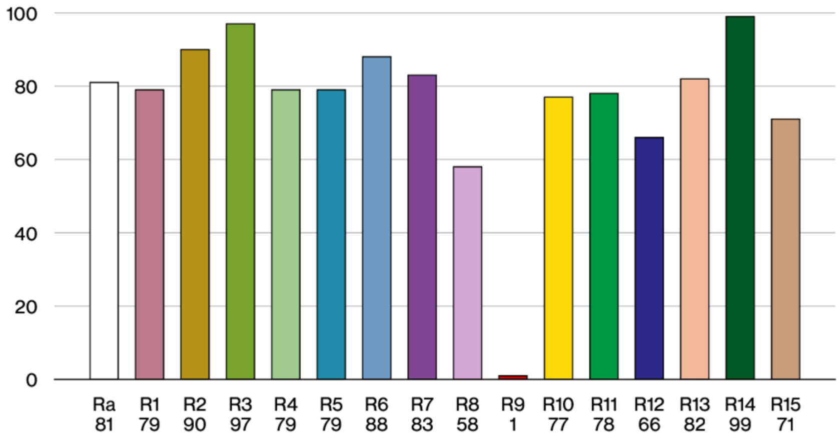
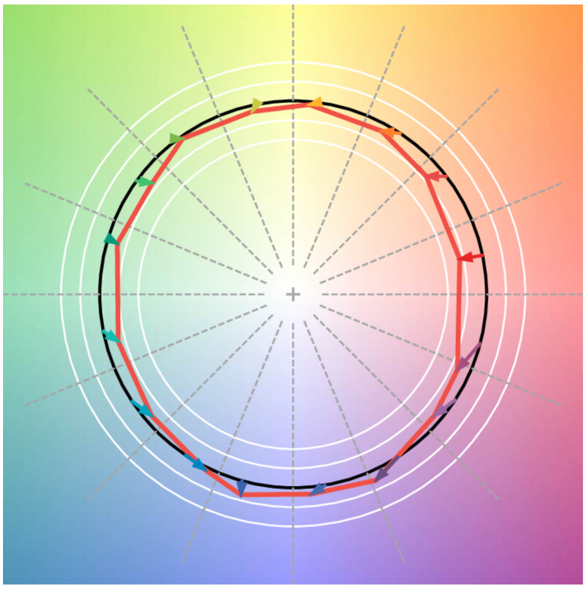
CRI/R$_a$ ≥ 81 (3000 K)



TM30 colour vector graphic



The black line represents the black body reference. The red line indicates the results of the test light source. The deviation from the test light source to the reference is shown and is marked by arrows. The shorter the arrows, the higher the color rendering.

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