



Acoustic Lighting.



BS EN60598-1:2015
ISO 9001 Certification



HARMONIOUS AND RELAXED
ACOUSTIC LIGHTING CREATES A
TRANQUIL SPACE.



OVERVIEW.

A combination of our current architectural lighting products with high performance acoustic, lightweight fabric panels. Designed to provide a harmonious working environment, that not only looks good but also lights up the space, whilst reducing background noise with “Class A” sound absorbing properties.

Recent Studies have shown that a quiet working environment, especially in professional roles, has an increase in productivity and well-being. As a noisy atmosphere is distracting, increases stress levels, isolating and cost money. Therefore, at P&A developed an acoustic range to create a balanced environment.

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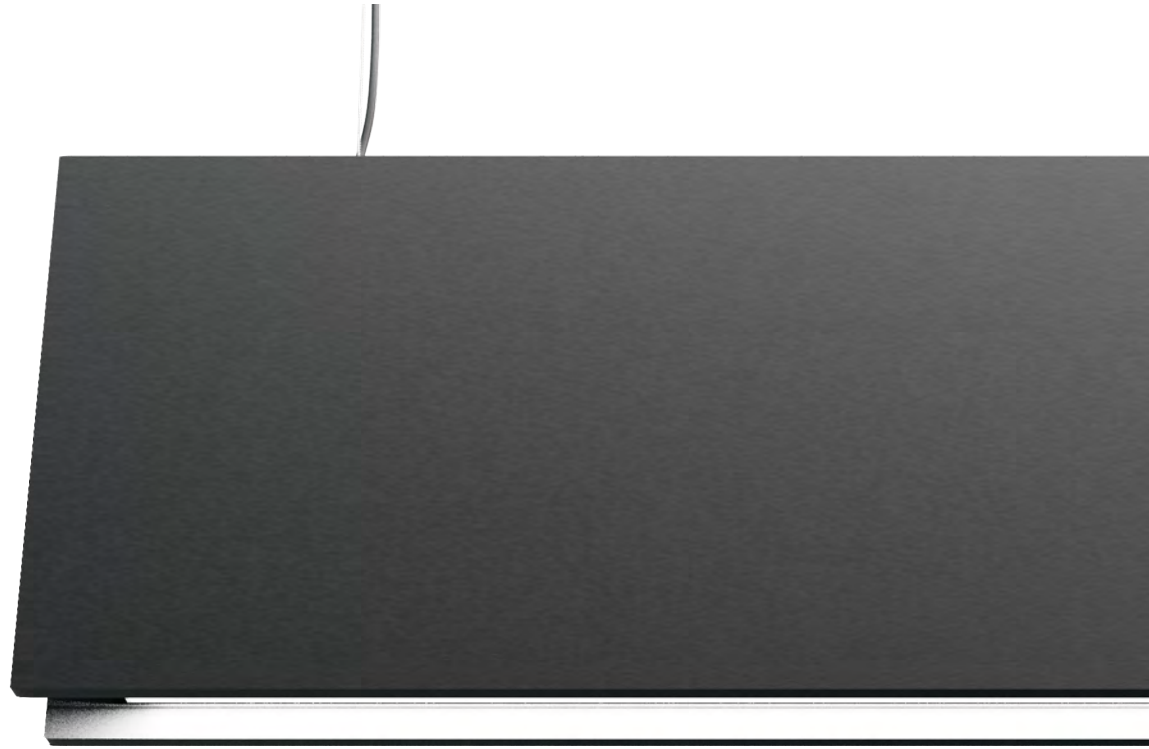
HALO

34-37

A modern interior space featuring a long dark wooden table with matching chairs, a large red rectangular light fixture, and a patterned rug.

SUBSPACE ACOUSTIC.





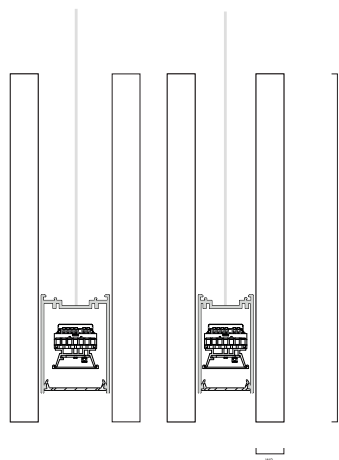
SUBSPACE ACOUSTIC.

SUSPENDED.

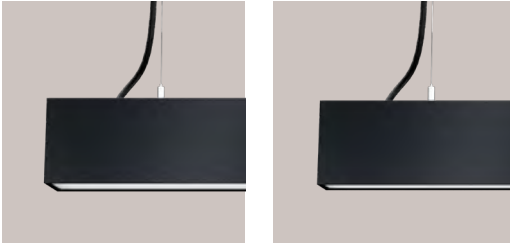
SubSpace Acoustic luminaire is constructed from extruded aluminium with a 49 or 73mm wide profile, in individual 2270mm standard lengths. Combined with 100% Recyclable PET Acoustic Baffles.

Multiple CCT options, including 3000K, 4000K or Tunable White (2700K to 5700K), CRI80 as standard with CRI90 available on request. All LED options are 3-Step MacAdam ellipse.

Available with optimised opal polycarbonate diffuser or Microprism diffusers.



TECHNICAL/FINISHES.

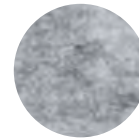
| | | | | |
|-----------------------------|---|--|---|--|
| |  | | | |
| Product | SubSpace 50-WS | | SubSpace 70-WS | |
| Direction | Direct | Direct/Indirect | Direct | Direct/Indirect |
| Wattages | 10W/m 14W/m 17W/m 20W/m 24W/m 27W/m | 18W/m 24W/m 30W/m 36W/m 42W/m 49W/m | 10W/m 14W/m 17W/m 20W/m 24W/m 27W/m | 18W/m 24W/m 30W/m 36W/m 42W/m 49W/m |
| Lumens | 950Lm/M 1102Lm/M 1377Lm/M 1638Lm/M 1876Lm/M 2126Lm/M | 2100Lm/M 2800Lm/M 3400Lm/M 4100Lm/M 4800Lm/M 5500Lm/M | 950Lm/M 1102Lm/M 1377Lm/M 1638Lm/M 1876Lm/M 2126Lm/M | 2100Lm/M 2800Lm/M 3400Lm/M 4100Lm/M 4800Lm/M 5500Lm/M |
| Diffusers | Opal Microprism TL-TRK | Opal Microprism Drop Opal DAISY TL-TRK | | |
| CCT | 3000K 4000K Tunable White (2700K-5700K) | 3000K 4000K Tunable White (2700K-5700K) | | |
| CRI | Ra80+ as standard Ra90 upon request | Ra80+ as standard Ra90 upon request | | |
| Control | Fixed Output, DALI, DSI, Switch Dim, 1-10V, Casambi | Fixed Output, DALI, DSI, Switch Dim, 1-10V, Casambi | | |
| Lengths (L) | 2270mm | | 2270mm | |
| Dimensions (WxH) | 73mm x 85mm | | 49mm x 85mm | |
| Acoustic dimensions (LxHxW) | 2400mm x 3000mm x 12mm 2400mm x 3000mm x 24mm | | 2400mm x 3000mm x 12mm 2400mm x 3000mm x 24mm | |
| Acoustic Properties | Environmental 65% Recycled PET fibre Acoustic Class A | | Environmental 65% Recycled PET fibre Acoustic Class A | |



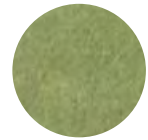
White
PET Fibre



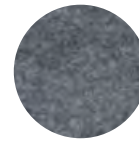
Teal
PET Fibre



Light Grey
PET Fibre



Fuzzy Green
PET Fibre



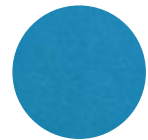
Grey
PET Fibre



Opal
PET Fibre



Black
PET Fibre



Light Blue
PET Fibre



Cherry Red
PET Fibre



Midnight Blue
PET Fibre



Orange
PET Fibre



Dark Blue
PET Fibre



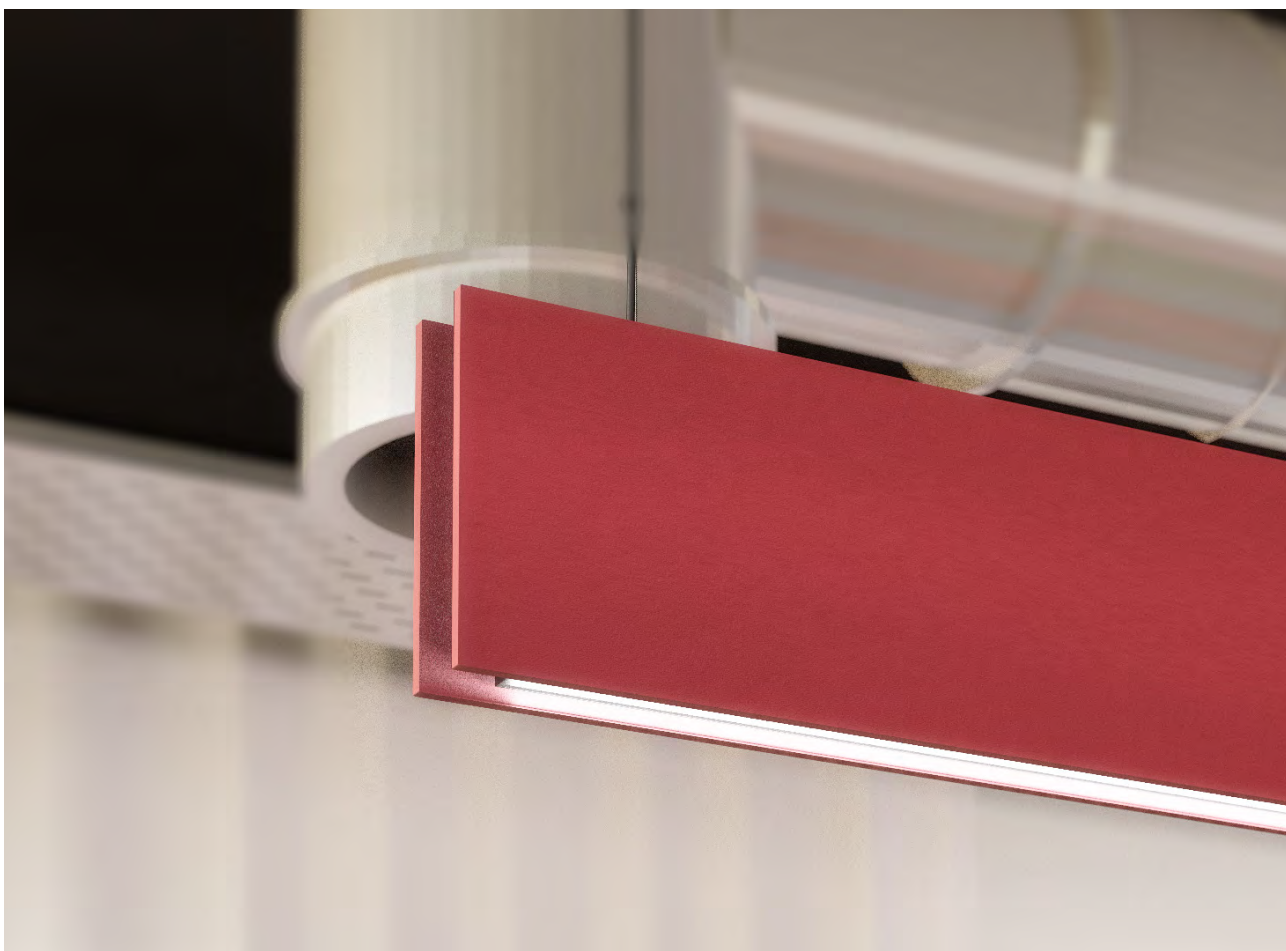
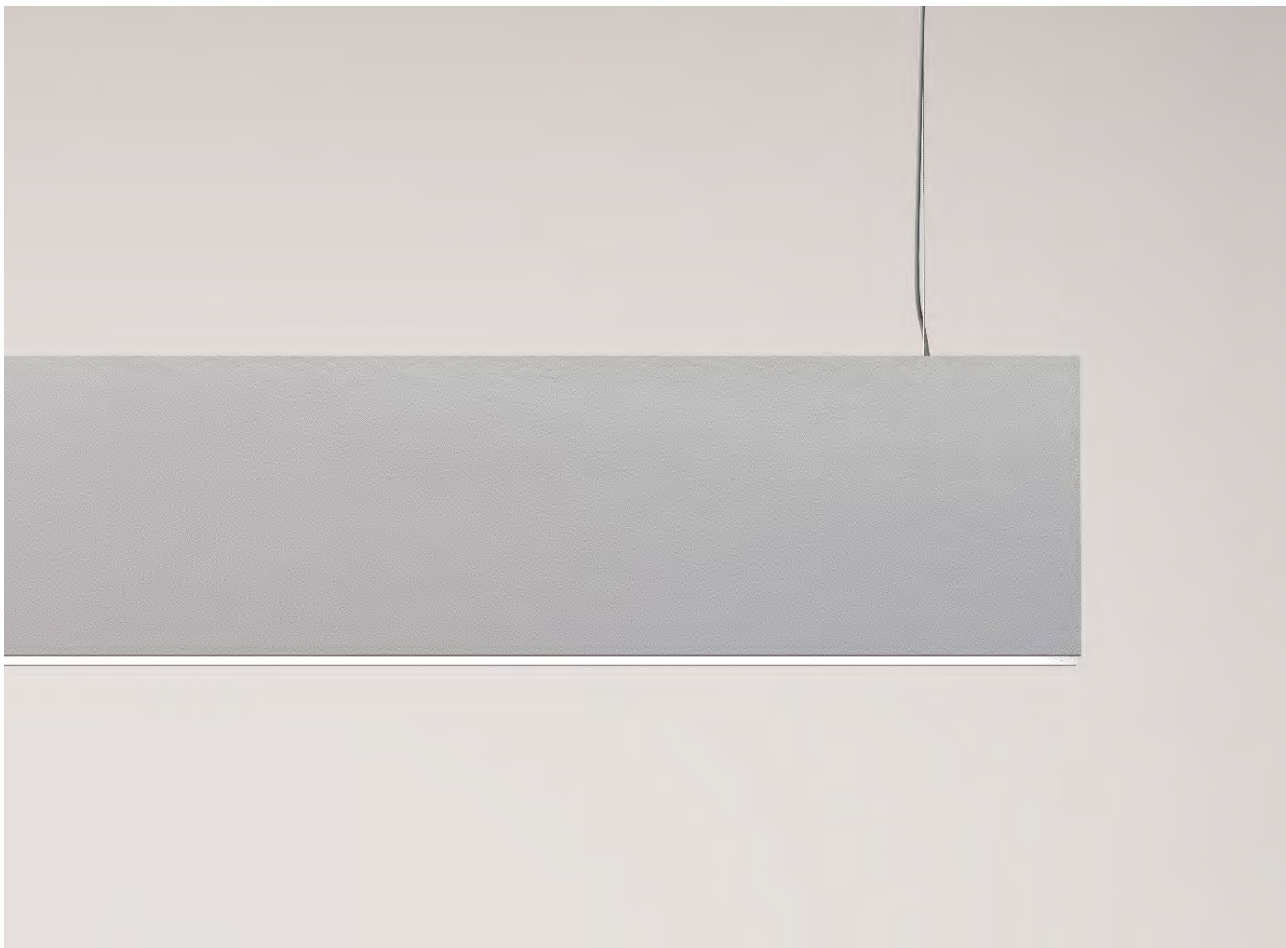
Yellow
PET Fibre



Purple
PET Fibre

P&A reserves the right, in line continuing research and development to amend or change specifications.

Acoustic

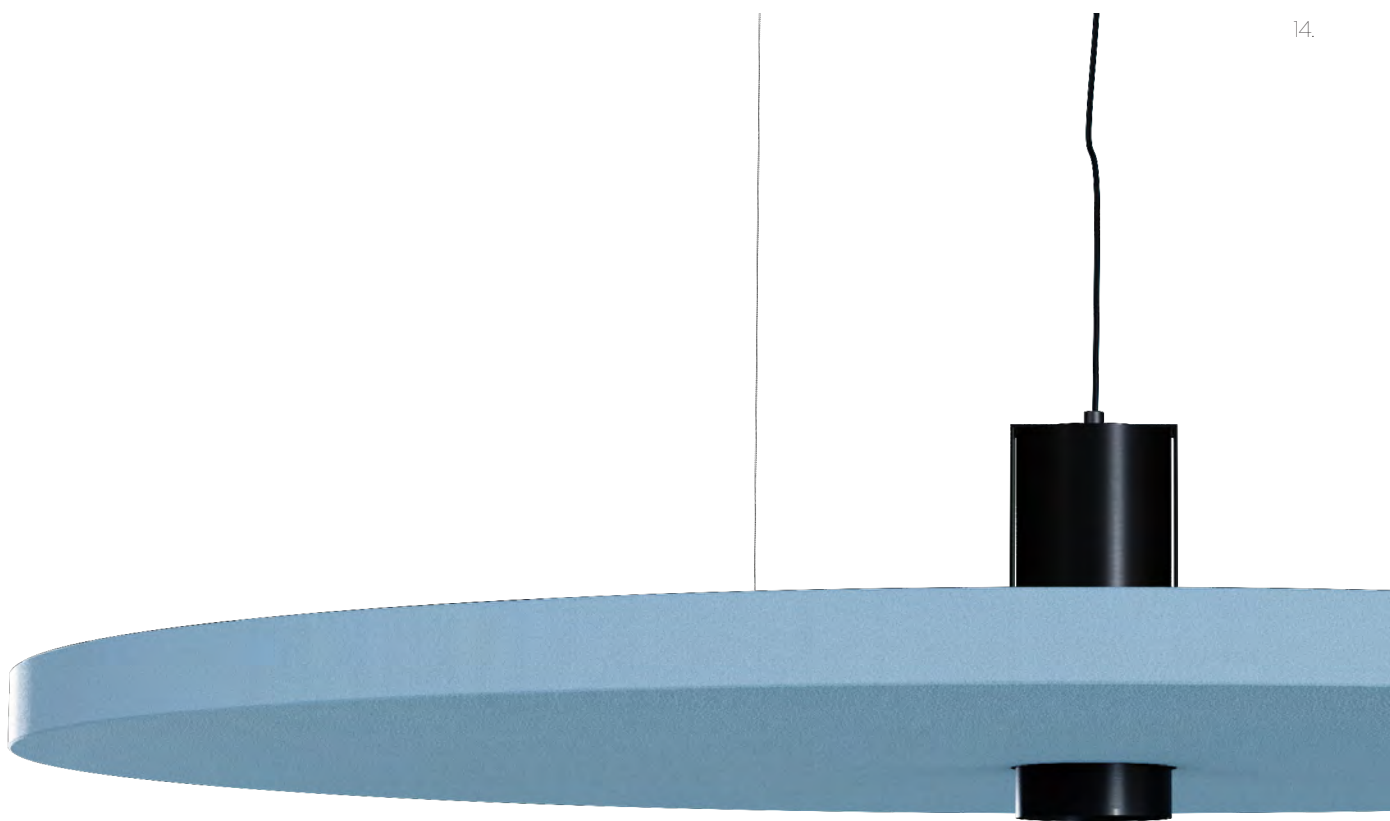




TL90 ACOUSTIC.







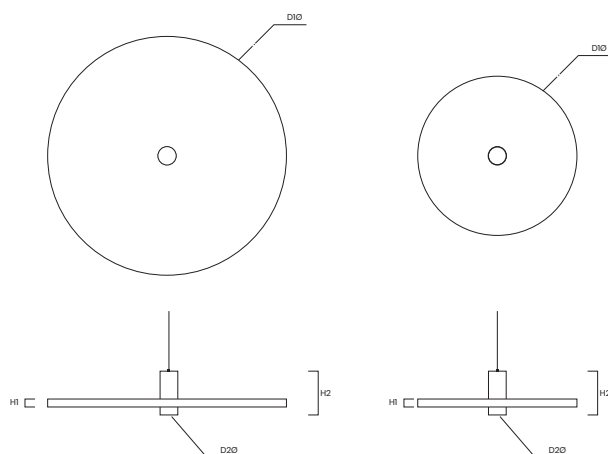
TL90 ACOUSTIC.

SUSPENDED.

TL90 Acoustic luminaire is a cylindrical extruded aluminium downlight with an 89Ømm, Flex Suspended with either 1200mm or 800mm diameter acoustic fabric or PET Baffles.

Multiple CCT options, including 3000K, 4000K, CRI80 as standard with CRI90 available on request. All LED options are 3-Step MacAdam ellipse.

Available with precise optics; 20°, 30° or 50° Beam options.



Acoustic

TECHNICAL/FINISHES.

| | |
|-----------------------------|--|
| Product | TL90 |
| Optics | 20° Beam, 30° Beam, 50° Beam |
| Wattages | 8.3W 10.4W 12.4W 14.5W 16.6W 18.7W |
| Lumens | 929Lm 1161Lm 1393Lm 1626Lm 1858Lm 2090Lm |
| CCT | 3000K 4000K |
| CRI | Ra80+ as standard Ra90 upon request |
| Control | Fixed Output, DALI, DSI, Switch Dim, 1-10V, Casambi |
| Dimensions (D2xH2) | 89mm x 220mm |
| Acoustic dimensions (D1xH1) | 800mm x 40mm 1200mm x 40mm 800mm x 24mm 1200mm x 24mm |
| Acoustic Properties | NRC 0.95 Acoustic Class A |
| Acoustic Materials | PET FIBRE Acoustic Fabric |



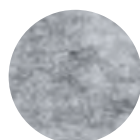
White
PET Fibre



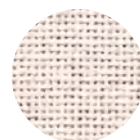
Off White
Coarse Texture



White
Fine Texture



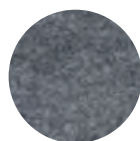
Light Grey
PET Fibre



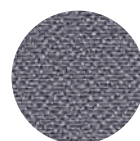
Sand
Coarse Texture



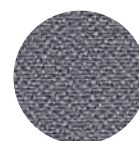
Sand
Fine Texture



Grey
PET Fibre



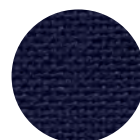
Grey
Coarse Texture



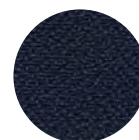
Grey
Fine Texture



Black
PET Fibre



Black
Coarse Texture



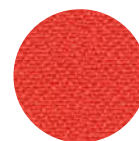
Black
Fine Texture



Cherry Red
PET Fibre



Red
Coarse Texture



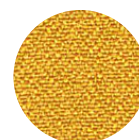
Red/Orange
Fine Texture



Orange
PET Fibre



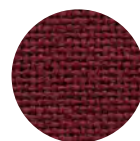
Yellow
Coarse Texture



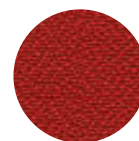
Yellow
Fine Texture



Yellow
PET Fibre



Deep Red
Coarse Texture



Deep Red
Fine Texture

P&A reserves the right, in line continuing research and development to amend or change specifications.

Acoustic







POLO ACOUSTIC.





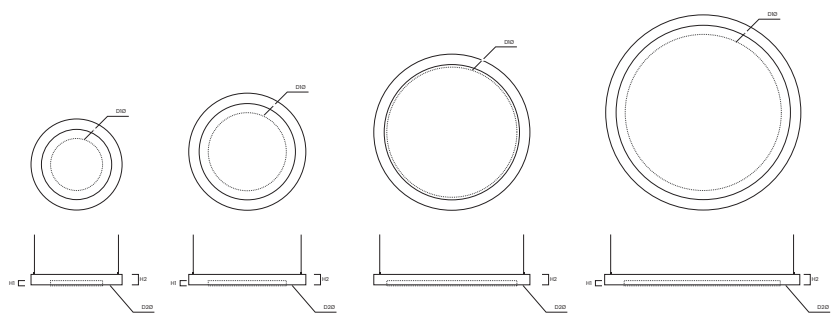


POLO ACOUSTIC.

SUSPENDED.





POLO is a suspended decorative LED pendant luminaire with various diffuser options along with direct or direct/indirect optics. Suspended with various diameter acoustic fabric Baffles.

Multiple CCT options, including 3000K, 4000K, CRI80 as standard with CRI90 available on request. All LED options are 3-Step MacAdam ellipse.



Acoustic

TECHNICAL/FINISHES.

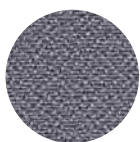
| | | | | | | | | |
|-----------------------------|---|-----------------|---|-----------------|--|-----------------|---|-----------------|
| |  | |  | |  | |  | |
| Product | POLO7 | | POLO9 | | POLO12 | | POLO15 | |
| Direction | Direct | Direct/Indirect | Direct | Direct/Indirect | Direct | Direct/Indirect | Direct | Direct/Indirect |
| Optics | Opal diffuser Microprism | | Opal diffuser Microprism | | Opal diffuser Microprism | | Opal diffuser Microprism | |
| Wattages | 39.1W | 51.2W | 54.2W | 69.6W | 69.6W | 86.2W | 89.9W | 104.9W |
| Lumens | 4349Lm | 5778Lm | 5592Lm | 7381Lm | 7442Lm | 9289Lm | 9293Lm | 11196Lm |
| CCT | 3000K 4000K | | 3000K 4000K | | 3000K 4000K | | 3000K 4000K | |
| CRI | Ra80+ as standard Ra90 upon request | | Ra80+ as standard Ra90 upon request | | Ra80+ as standard Ra90 upon request | | Ra80+ as standard Ra90 upon request | |
| Control | Fixed Output, DALI, DSI, Switch Dim, Casambi | | Fixed Output, DALI, DSI, Switch Dim, Casambi | | Fixed Output, DALI, DSI, Switch Dim, Casambi | | Fixed Output, DALI, DSI, Switch Dim, Casambi | |
| Dimensions (D2xH2) | 700Ømm x 80mm | | 900Ømm x 80mm | | 1200Ømm x 80mm | | 1500Ømm x 80mm | |
| Acoustic dimensions (D1xH1) | 400mm x 40mm | | 600mm x 40mm | | 1000mm x 40mm | | 1200mm x 40mm | |
| Acoustic Properties | NRC 0.95 Acoustic Class A | | NRC 0.95 Acoustic Class A | | NRC 0.95 Acoustic Class A | | NRC 0.95 Acoustic Class A | |
| Acoustic Materials | Acoustic Fabric | | Acoustic Fabric | | Acoustic Fabric | | Acoustic Fabric | |



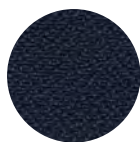
White
Fine Texture



Sand
Fine Texture



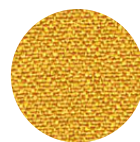
Grey
Fine Texture



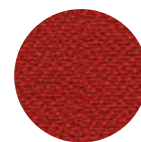
Black
Fine Texture



Red/Orange
Fine Texture



Yellow
Fine Texture



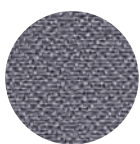
Deep Red
Fine Texture



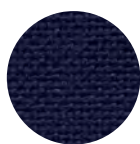
Off White
Coarse Texture



Sand
Coarse Texture



Grey
Coarse Texture



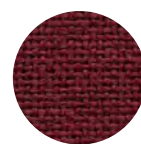
Black
Coarse Texture



Red
Coarse Texture



Yellow
Coarse Texture



Deep Red
Coarse Texture

P&A reserves the right, in line continuing research and development to amend or change specifications.



GLOBE ACOUSTIC.





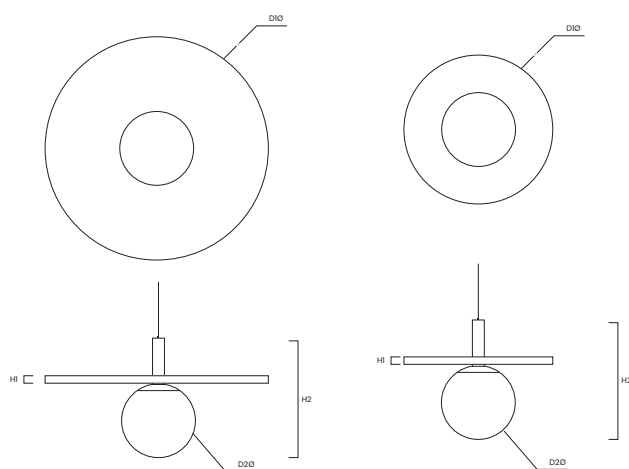


GLOBE ACOUSTIC.

SUSPENDED.


Globe is 400mmØ decorative LED pendant luminaire with a PMMA opal diffuser, Suspended with either 1200mm or 800mm diameter acoustic fabric or PET Fibre baffles.




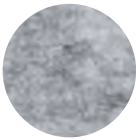


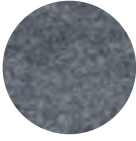
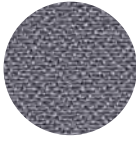
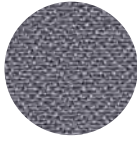

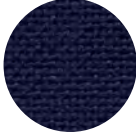






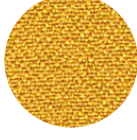



Multiple CCT options, including 3000K, 4000K, CRI80 as standard with CRI90 available on request. All LED options are 3-Step MacAdam ellipse.



Acoustic

TECHNICAL/FINISHES.

| | |
|-----------------------------|---|
| |  |
| Product | GL4 |
| Optics | Opal PMMA diffuser |
| Wattages | 20.6W 22.6W 24.4W 26.4W 27.6W |
| Lumens | 2989Lm 3287Lm 3422Lm 3728Lm 3822Lm |
| CCT | 3000K 4000K |
| CRI | Ra80+ as standard Ra90 upon request |
| Control | Fixed Output, DALI, DSI, Switch Dim, 1-10V, Casambi |
| Dimensions (D2xH2) | 400Ømm x 626mm |
| Acoustic dimensions (D1xH1) | 800mm x 40mm, 1200mm x 40mm |
| Acoustic Properties | NRC 0.95 Acoustic Class A |
| Acoustic Materials | PET FIBRE Acoustic Fabric |

| | | |
|---|---|---|
|  |  |  |
| White PET Fibre | Off White Coarse Texture | White Fine Texture |
|  |  |  |
| Light Grey PET Fibre | Sand Coarse Texture | Sand Fine Texture |
|  |  |  |
| Grey PET Fibre | Grey Coarse Texture | Grey Fine Texture |
|  |  |  |
| Black PET Fibre | Black Coarse Texture | Black Fine Texture |
|  |  |  |
| Cherry Red PET Fibre | Red Coarse Texture | Red/Orange Fine Texture |
|  |  |  |
| Orange PET Fibre | Yellow Coarse Texture | Yellow Fine Texture |
|  |  |  |
| Yellow PET Fibre | Deep Red Coarse Texture | Deep Red Fine Texture |

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Acoustic



DRM ACOUSTIC.





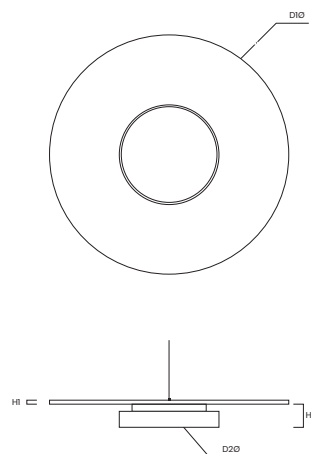


DRM ACOUSTIC.

SUSPENDED.

DRM is 500mmØ architectural LED feature luminaire with an opal or Microprism diffuser, Suspended with either 1200mm or 800mm diameter acoustic fabric or PET fibre baffles.

Multiple CCT options, including 3000K, 4000K, CRI80 as standard with CRI90 available on request. All LED options are 3-Step MacAdam ellipse.



Acoustic

TECHNICAL/FINISHES.

| | |
|-----------------------------|--|
| Product | DRM5 |
| Optics | Opal diffuser Microprism (UGR<19) |
| Wattages | 30.9W 4L4W |
| Lumens | 3175Lm 4139Lm |
| CCT | 3000K 4000K |
| CRI | Ra80+ as standard Ra90 upon request |
| Control | Fixed Output, DALI, DSI, Switch Dim, 1-10V, Casambi |
| Dimensions (D2xH2) | 5000mm x 119mm |
| Acoustic dimensions (D1xH1) | 1200mm x 40mm |
| Acoustic Properties | NRC 0.95 Acoustic Class A |
| Acoustic Materials | PET FIBRE Acoustic Fabric |



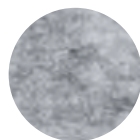
White
PET Fibre



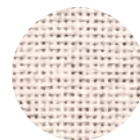
Off White
Coarse Texture



White
Fine Texture



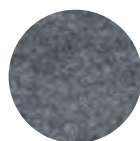
Light Grey
PET Fibre



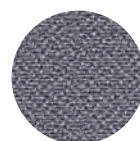
Sand
Coarse Texture



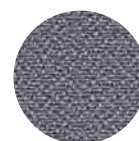
Sand
Fine Texture



Grey
PET Fibre



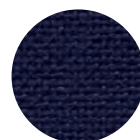
Grey
Coarse Texture



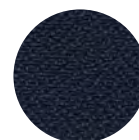
Grey
Fine Texture



Black
PET Fibre



Black
Coarse Texture



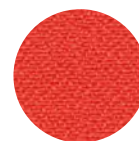
Black
Fine Texture



Cherry Red
PET Fibre



Red
Coarse Texture



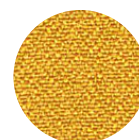
Red/Orange
Fine Texture



Orange
PET Fibre



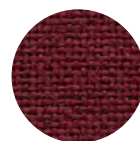
Yellow
Coarse Texture



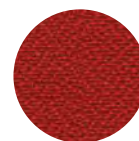
Yellow
Fine Texture



Yellow
PET Fibre



Deep Red
Coarse Texture



Deep Red
Fine Texture

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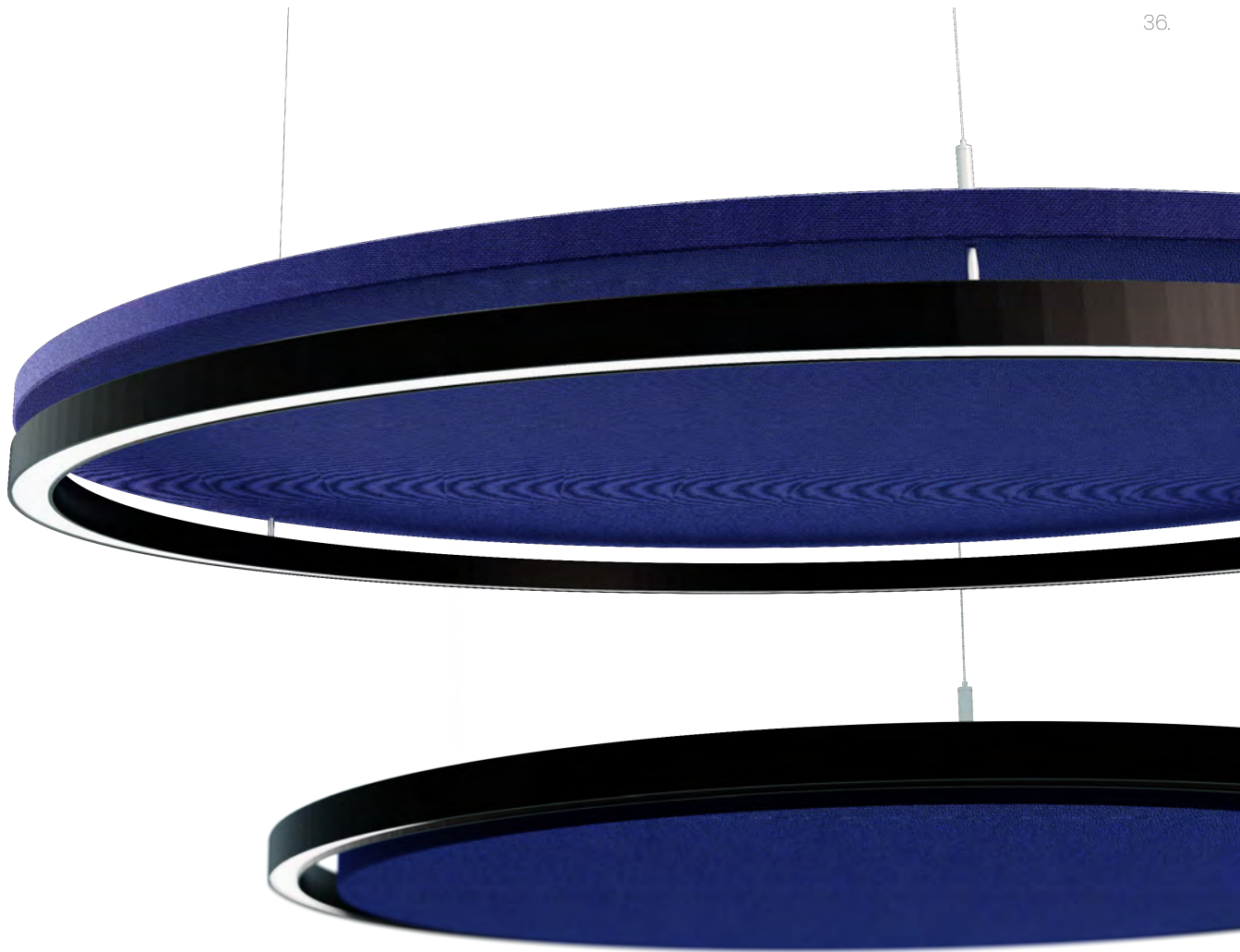




The image shows a minimalist interior space. Two circular, blue acoustic ceiling lights with black inner rings are suspended from the ceiling by thin white cords. Below them, a light-colored, modern sofa is visible, with a small, light-colored cushion resting on it. The background is a plain, light gray wall.

HALO ACOUSTIC.



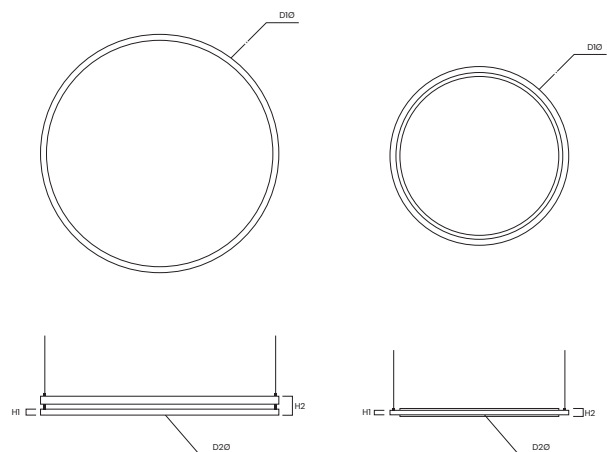


HALO ACOUSTIC.

SUSPENDED.

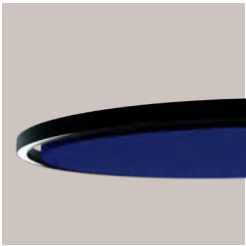
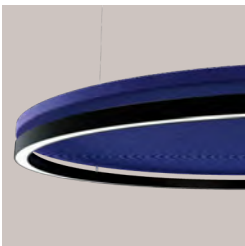
HALO is 900mm or 1200 mm Ø is a sleek minimal decorative LED pendant luminaire with an opal diffuser, Suspended with either 800mm or 1200mm diameter acoustic fabric Baffles.

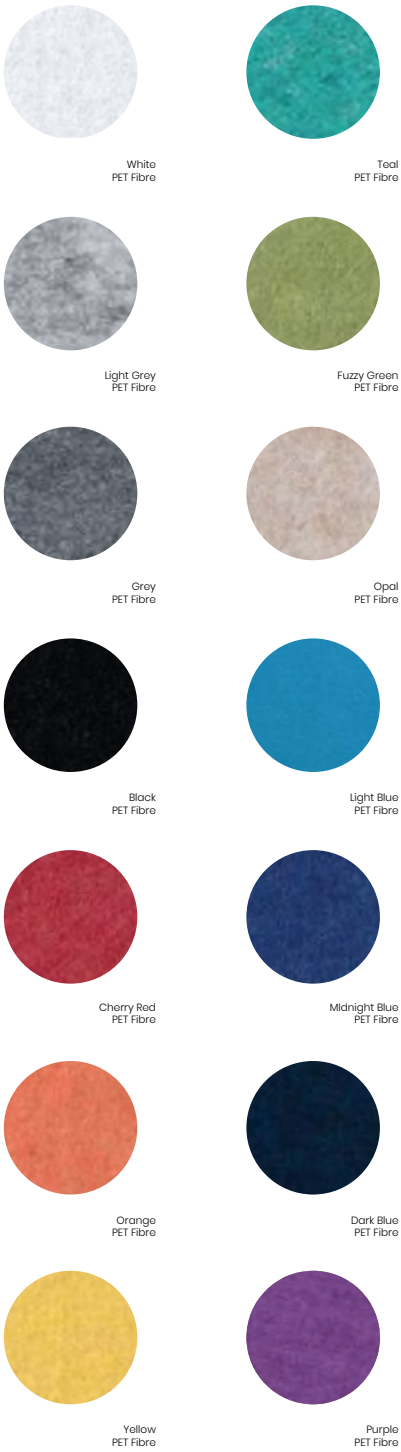
Multiple CCT options, including 3000K, 4000K, CRI80 as standard with CRI90 available on request. All LED options are 3-Step MacAdam ellipse.



Acoustic

TECHNICAL/FINISHES.

| | | |
|-----------------------------|---|---|
| |  |  |
| Product | HALO9 | HALO12 |
| Optics | Opal diffuser | Opal diffuser |
| Wattages | 31W 59.3W | 41W 79.2W |
| Lumens | 1356Lm 2995Lm | 1908Lm 3768Lm |
| CCT | 3000K 4000K | 3000K 4000K |
| CRI | Ra80+ as standard Ra90 upon request | Ra80+ as standard Ra90 upon request |
| Control | Fixed Output, DALI, DSI, Switch Dim, Casambi | Fixed Output, DALI, DSI, Switch Dim, Casambi |
| Dimensions (D2xH2) | 900Ømm x 30mm | 1200Ømm x 30mm |
| Acoustic dimensions (D1xH1) | 800mm x 40mm | 1200mm x 40mm |
| Acoustic Properties | NRC 0.95 Acoustic Class A | NRC 0.95 Acoustic Class A |



P&A reserves the right, in line continuing research and development to amend or change specifications.

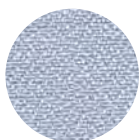
OPTIONAL FINISHES.

Swatches shown may appear different in real life and batch to Batch variations in shade may occur within manufacturers tolerances.

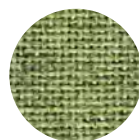
100% Polypropylene
100% Recycled Polyester
All Fabrics certified to EU Eco label.



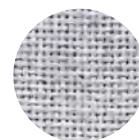
Light Green
Fine Texture



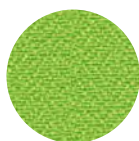
Light Blue
Fine Texture



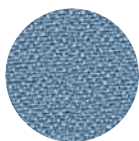
Light Green
Coarse Texture



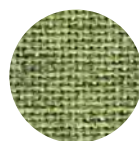
Light Grey
Coarse Texture



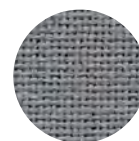
Green
Fine Texture



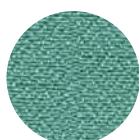
Blue Grey
Fine Texture



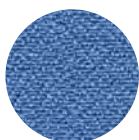
Green
Coarse Texture



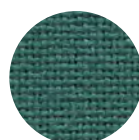
Grey
Coarse Texture



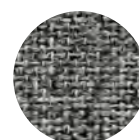
Teal
Fine Texture



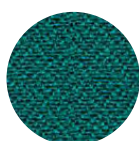
Blue
Fine Texture



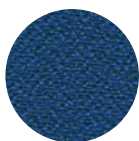
Teal
Coarse Texture



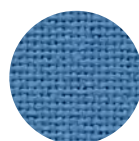
Lead Grey
Coarse Texture



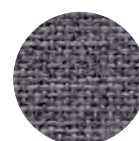
Dark Teal
Fine Texture



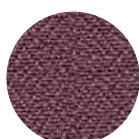
Navy Blue
Fine Texture



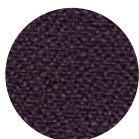
Light Blue
Coarse Texture



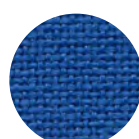
Dark Grey
Coarse Texture



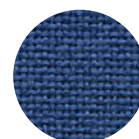
Purple
Fine Texture



Dark Purple
Fine Texture



Navy Blue
Coarse Texture



Dark Blue
Coarse Texture

GENERAL INFORMATION.

P&A luminaires are designed and manufactured in compliance with EN 60598-1. Luminaires are supplied with light sources with a <50,000/ 5 Year, return to base warranty. Products with anodized finishes may differ in shades due to the industrial anodizing process.

P&A reserves the right to make any technical or formal alterations to its products without giving prior notice. Information concerning luminous flux/power consumption is expressed in nominal values and is subject to changes due to current supply.



Please check regularly on our website for current data, which is shown on our technical sheets. For any other technical queries please contact the office.

Check out www.pandaprojects.co.uk for more details.



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BS EN60598-1:2015
ISO 9001 Certification

