

P&A

# Acoustic Lighting.

MADE IN  
BRITAIN

BS EN60598-1:2015  
ISO 9001 Certification

UK  
CA CE

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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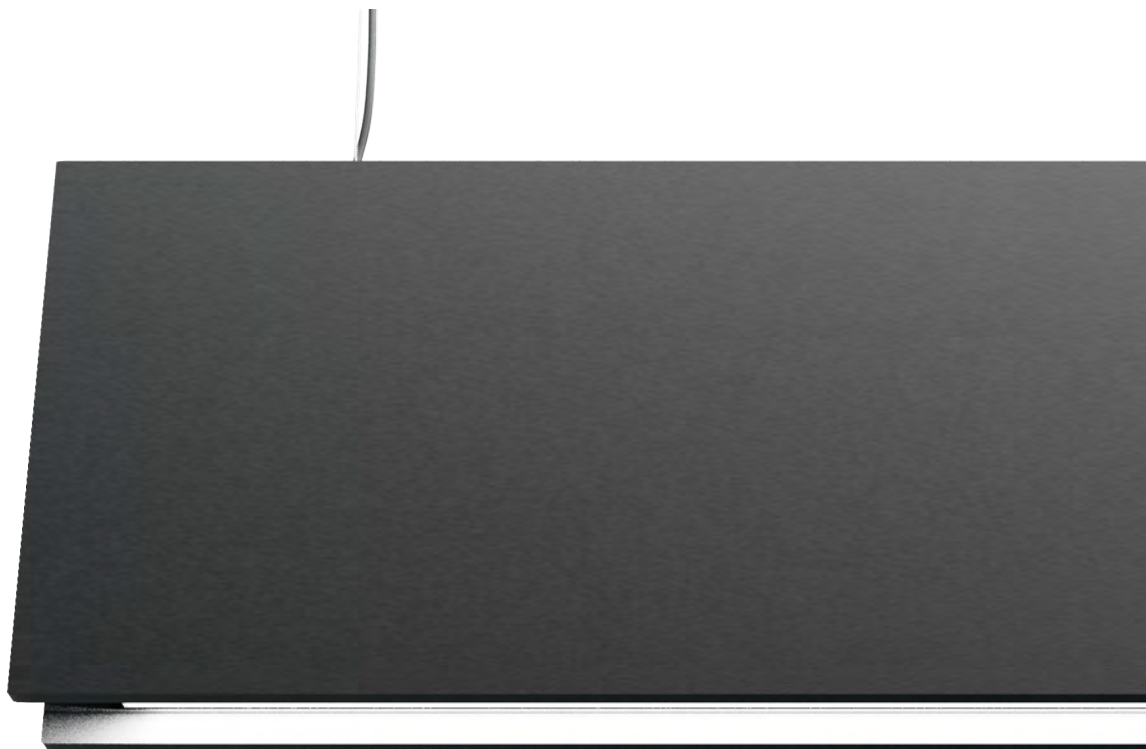
34-37



**SUBSPACE** ACOUSTIC.







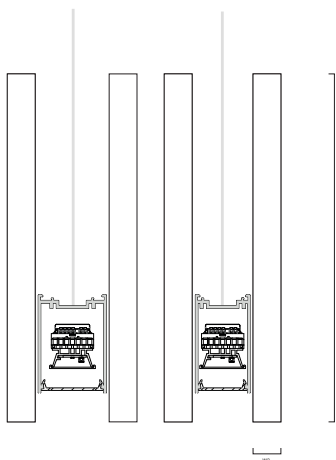
## SUBSPACE ACOUSTIC.

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.

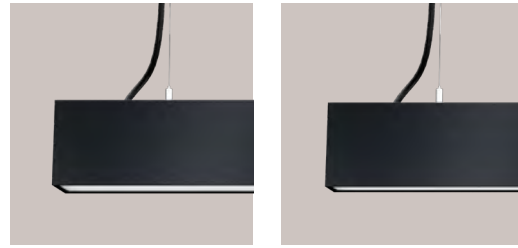
Multiple CCT options, including 3000K, 4000K or Tunable White (2700K to 5700K), CRI80 as standard with CRI90 available on request. All LED options are 3-Step MacAdam ellipse.

Available with optimised opal polycarbonate diffuser or Microprism diffusers.





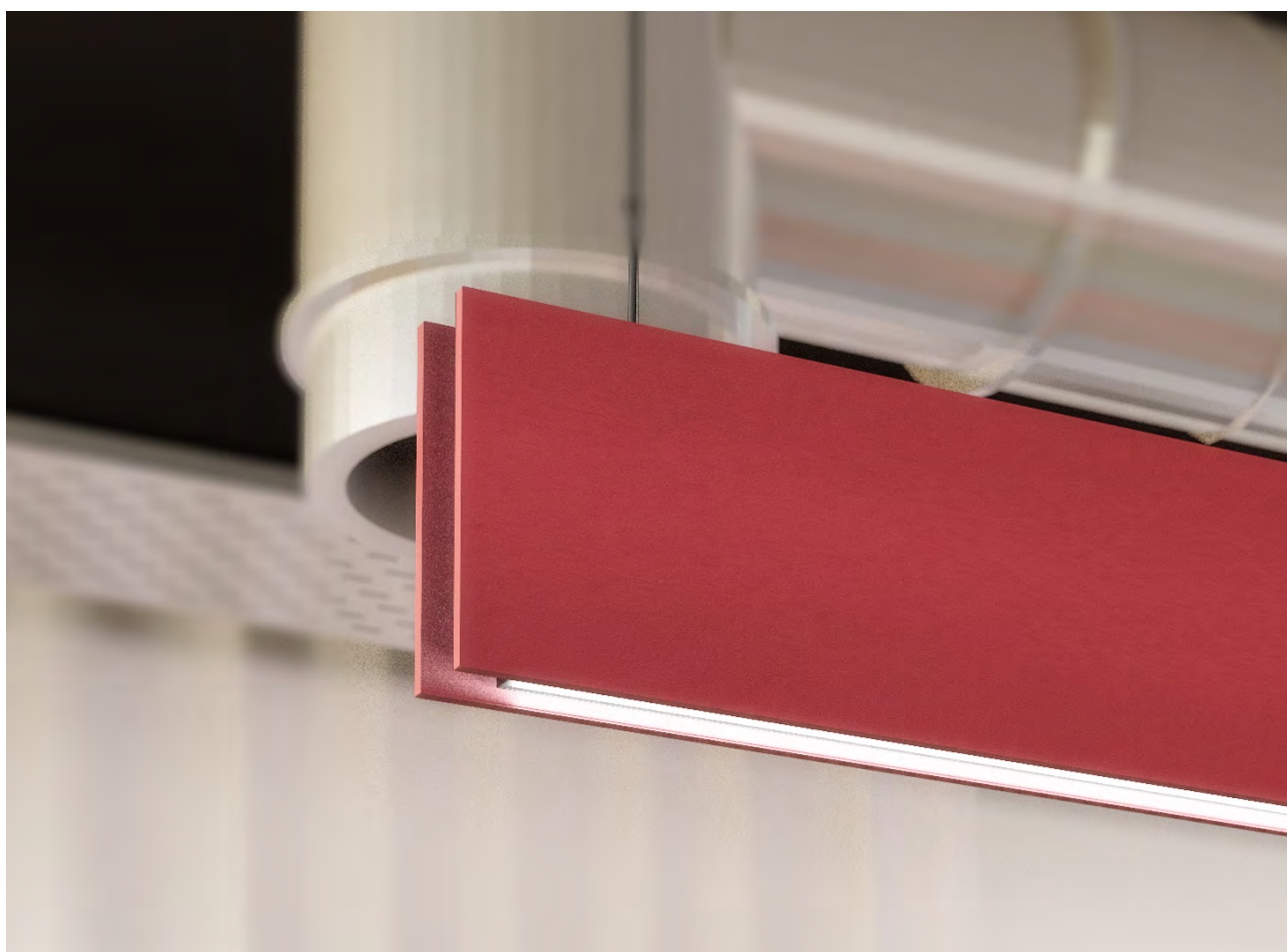
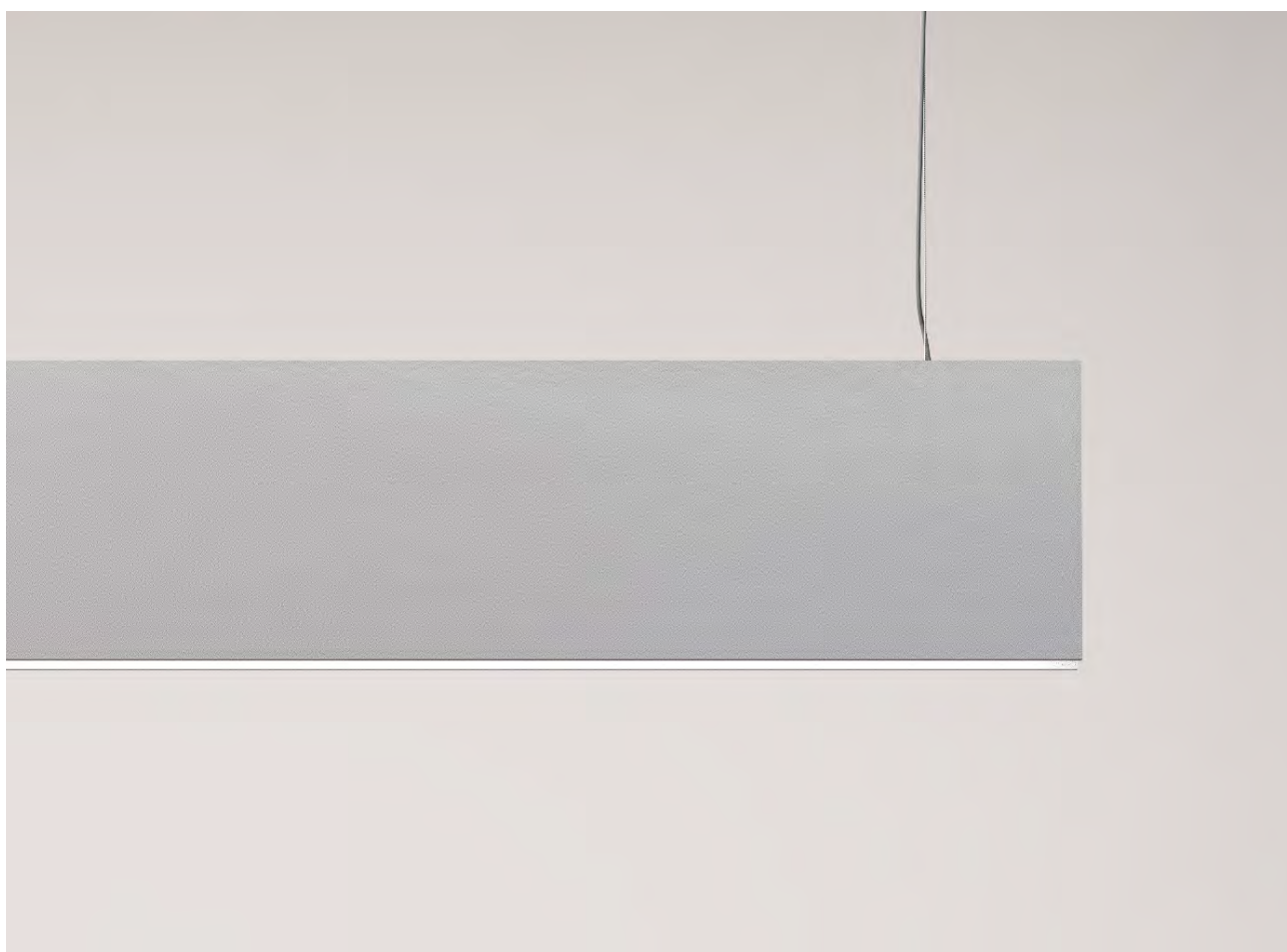
# TECHNICAL/FINISHES.



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		Ra90+ 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 300mm x 12mm 2400mm x 300mm x 24mm		2400mm x 300mm x 12mm 2400mm x 300mm x 24mm	
Acoustic Properties	Environmental   65% Recycled PET fibre Acoustic Class A		Environmental   65% Recycled PET fibre Acoustic Class A	



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



Acoustic



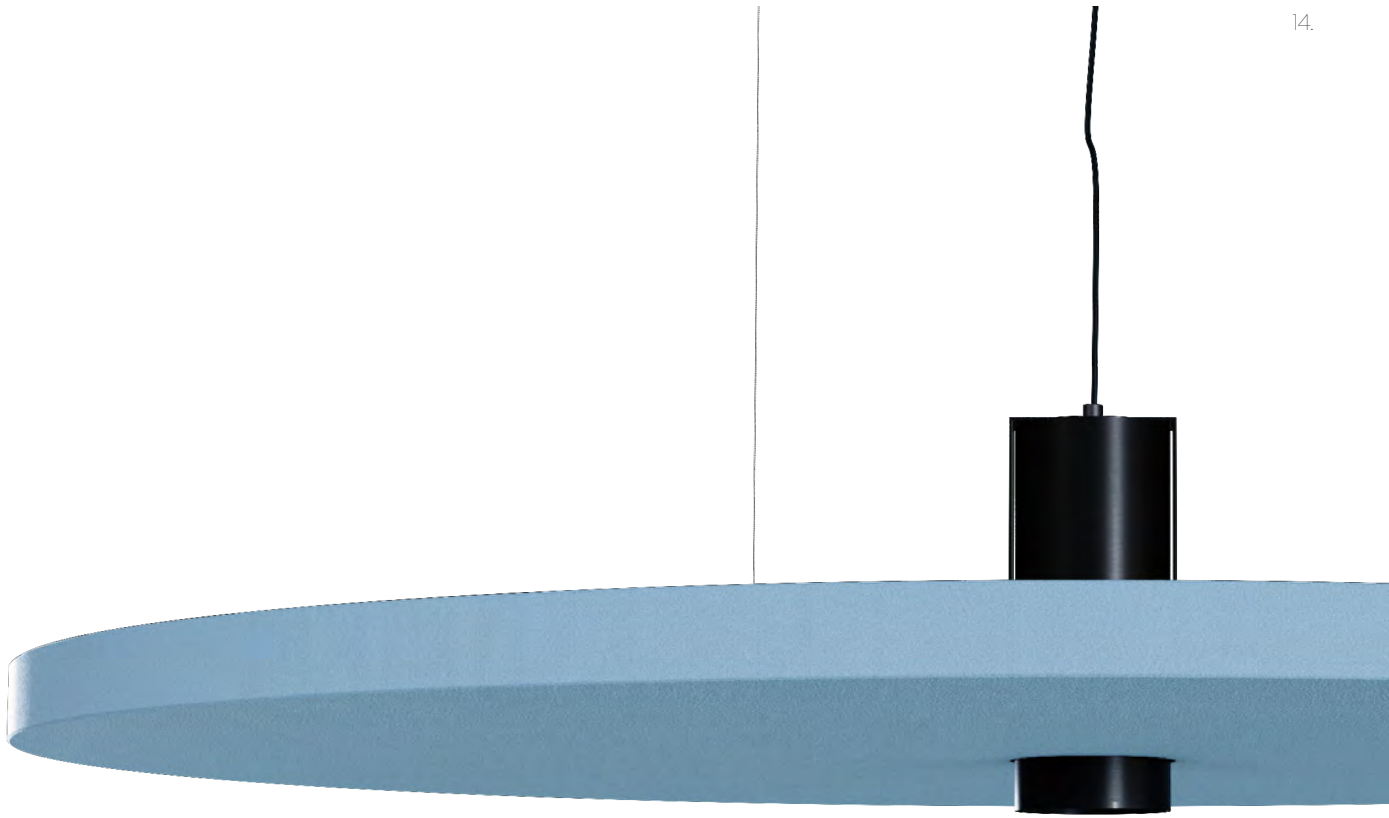
**TL90** ACOUSTIC.











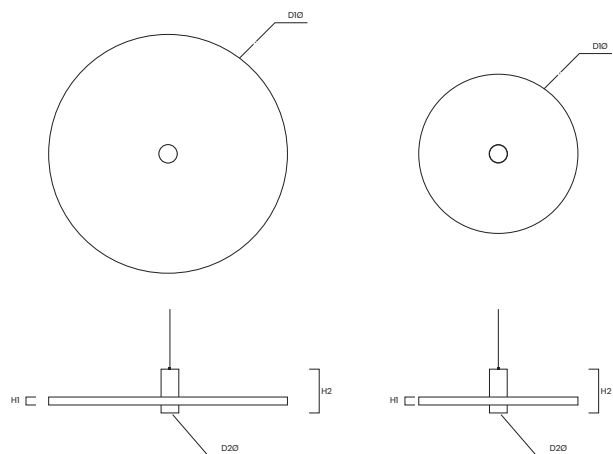
## TL90 ACOUSTIC.

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.

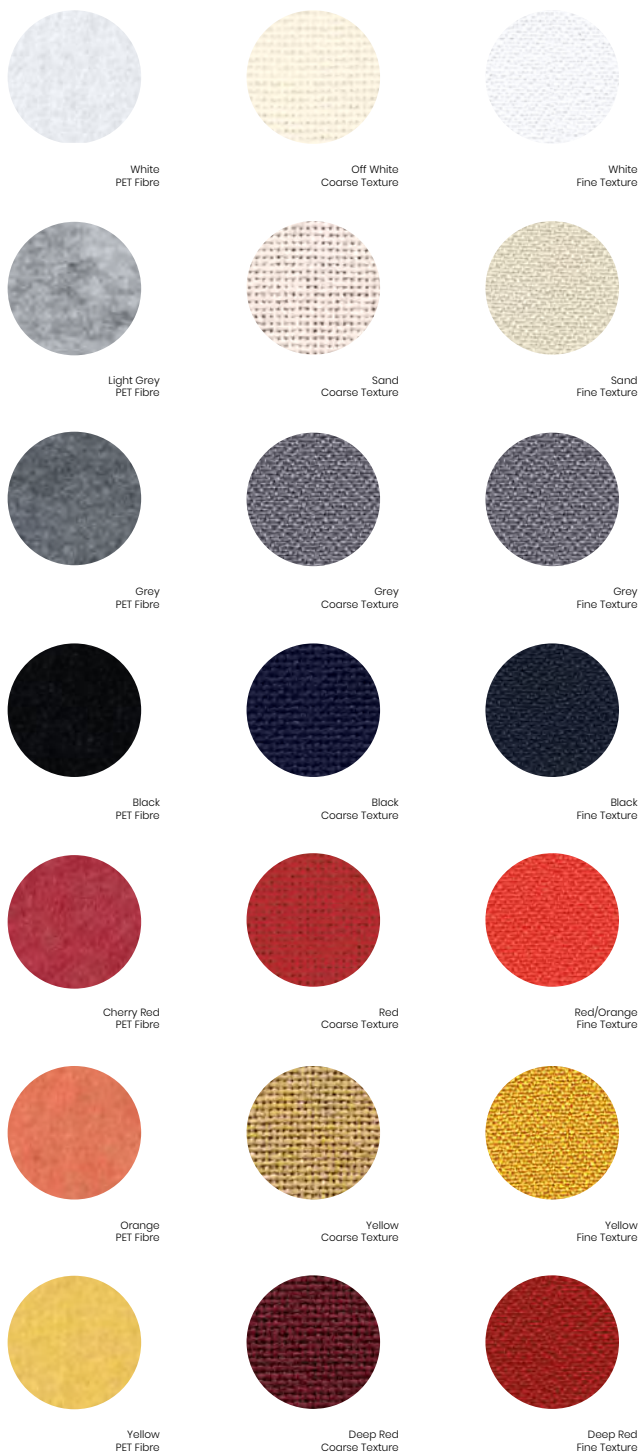


Acoustic

# 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



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Acoustic







# **POLO** ACOUSTIC.







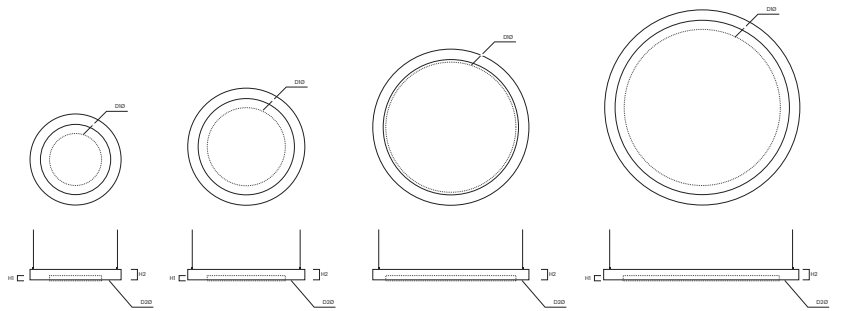


**POLO** ACOUSTIC.

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.

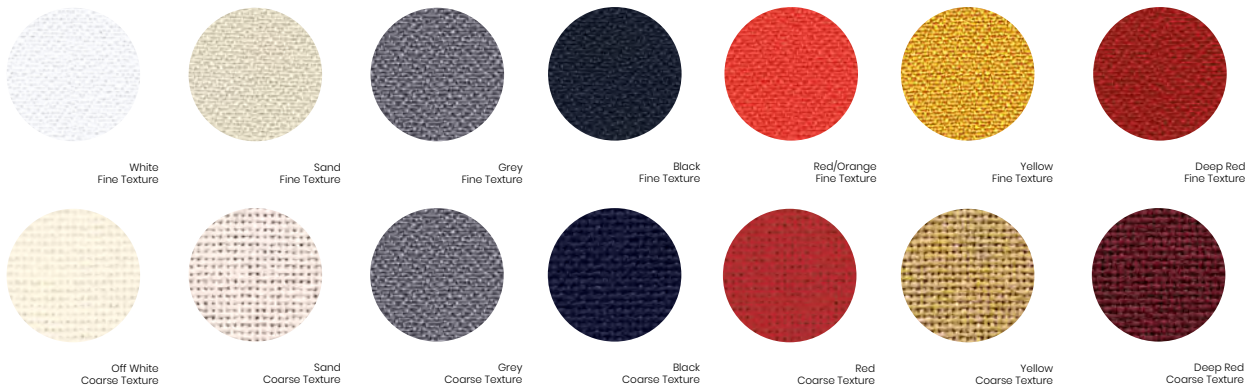
Multiple CCT options, including 3000K, 4000K, CRI80 as standard with CRI90 available on request. All LED options are 3-Step MacAdam ellipse.



# 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	



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**GLOBE** ACOUSTIC.







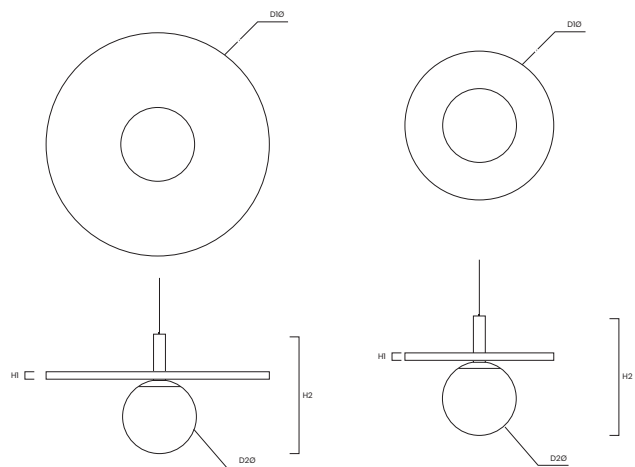


## GLOBE ACOUSTIC.

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)	4000mm 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



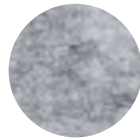
White  
PET Fibre



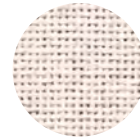
Off White  
Coarse Texture



White  
Fine Texture



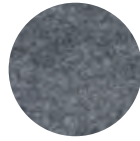
Light Grey  
PET Fibre



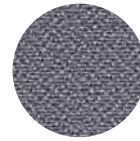
Sand  
Coarse Texture



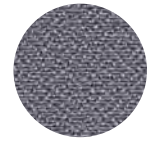
Sand  
Fine Texture



Grey  
PET Fibre



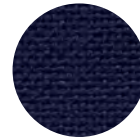
Grey  
Coarse Texture



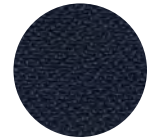
Grey  
Fine Texture



Black  
PET Fibre



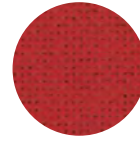
Black  
Coarse Texture



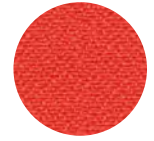
Black  
Fine Texture



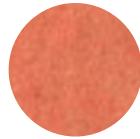
Cherry Red  
PET Fibre



Red  
Coarse Texture



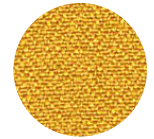
Red/Orange  
Fine Texture



Orange  
PET Fibre



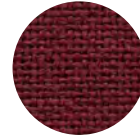
Yellow  
Coarse Texture



Yellow  
Fine Texture



Yellow  
PET Fibre



Deep Red  
Coarse Texture



Deep Red  
Fine Texture

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Acoustic



**DRM** ACOUSTIC.







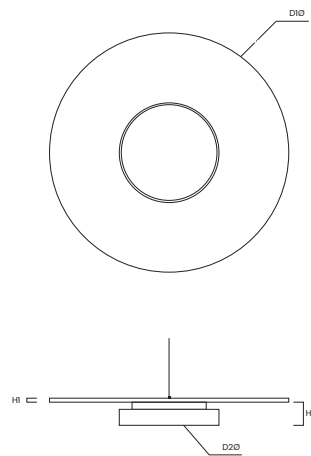


## DRM ACOUSTIC.

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.

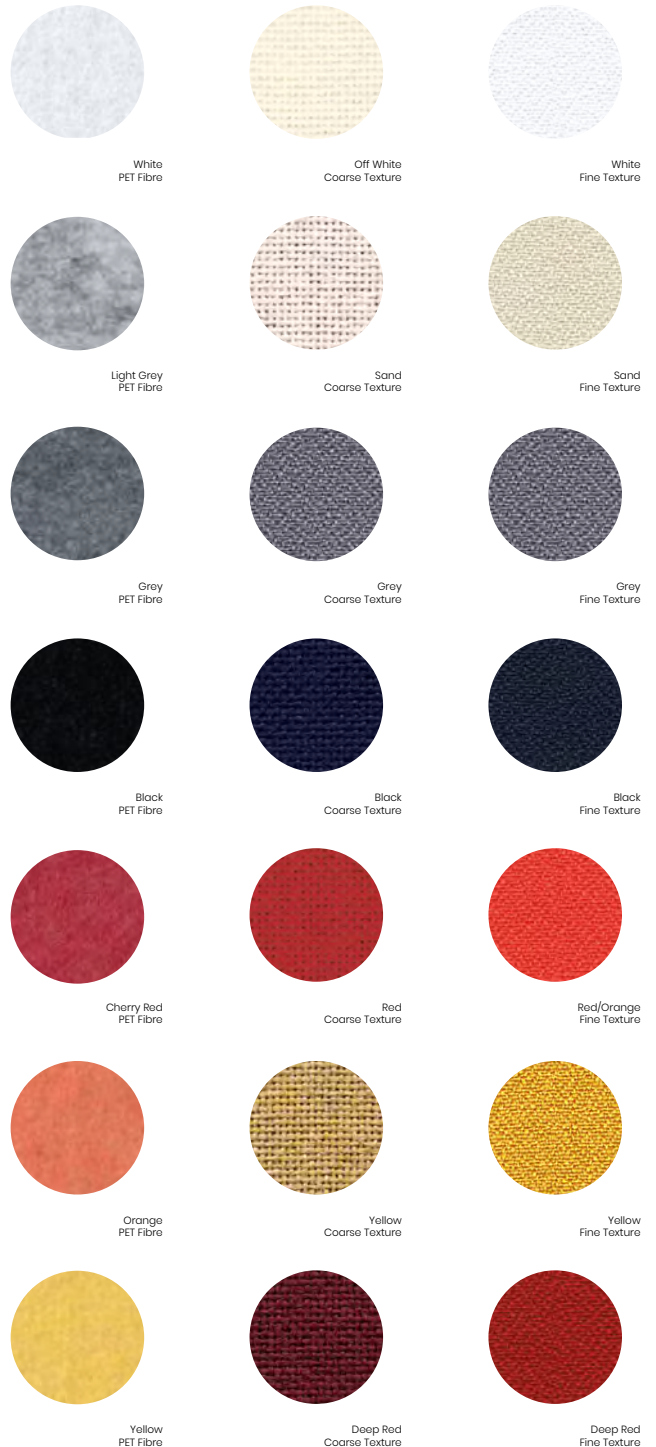


Acoustic

# TECHNICAL/FINISHES.



Product	DRM5
Optics	Opal diffuser Microprism (UGR<19)
Wattages	30.9W 41.4W
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)	500Ømm x 119mm
Acoustic dimensions (DlxHl)	1200mm x 40mm
Acoustic Properties	NRC   0.95 Acoustic Class A
Acoustic Materials	PET FIBRE Acoustic Fabric



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Acoustic





Acoustic

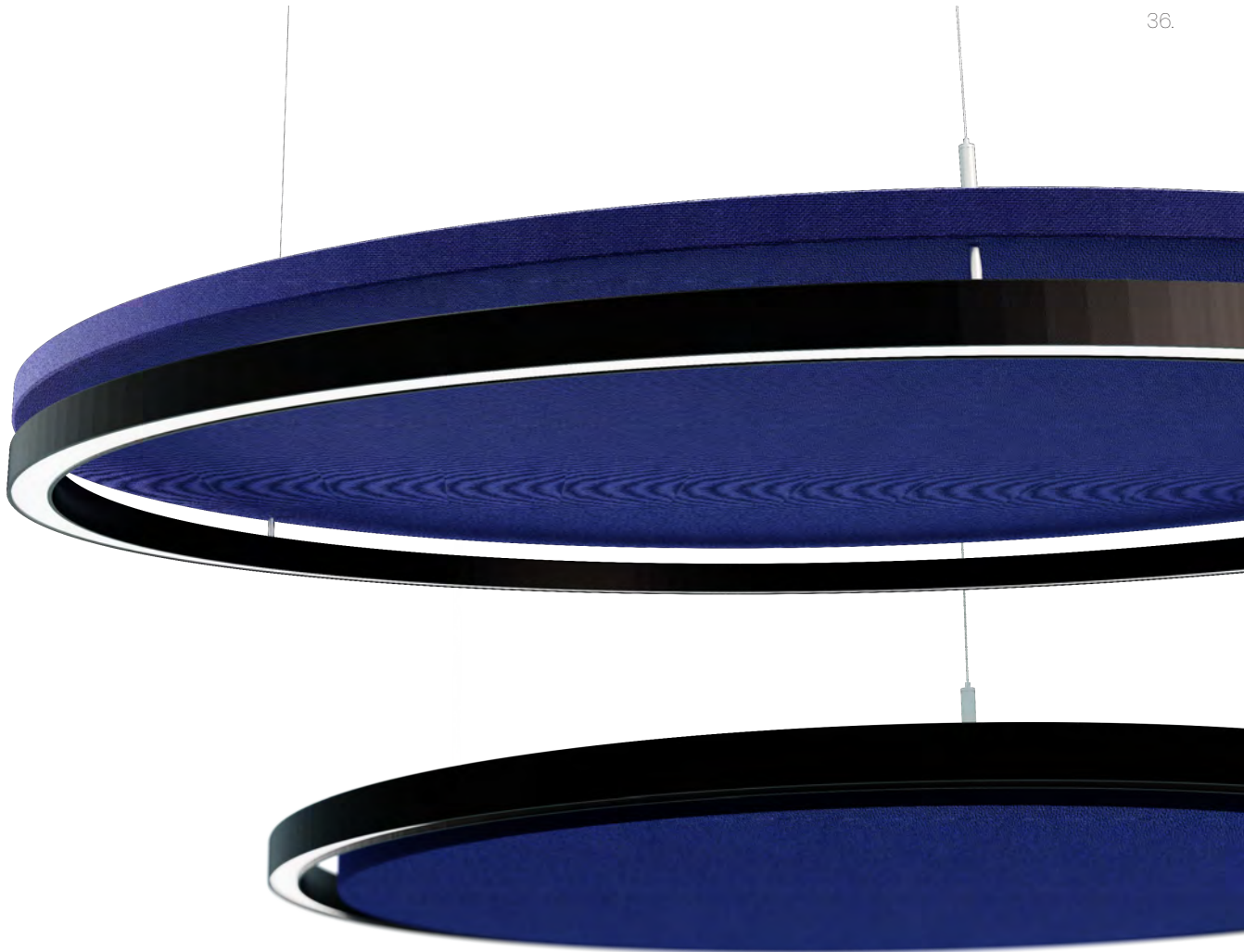




**HALO** ACOUSTIC.





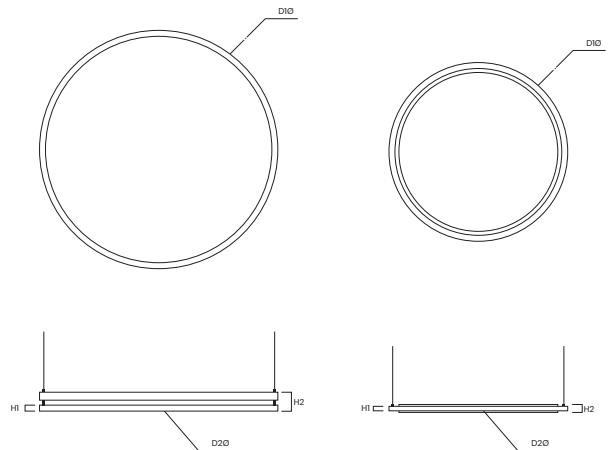


# HALO ACOUSTIC.

SUSPENDED.

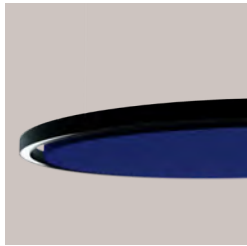
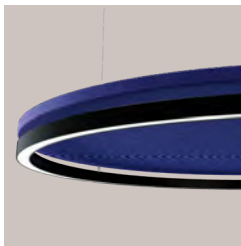
HALO is 900mm or 1200 mm Ø is a sleek minimal decorative LED pendant luminaire with an opal diffuser, Suspended with either 800mm or 1200mm diameter acoustic fabric Baffles.

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.

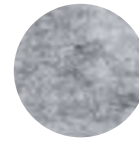
		
Product	HALO9	HALO12
Optics	Opal diffuser	Opal diffuser
Wattages	31W 59.3W	41W 79.2W
Lumens	1356Lm 2995Lm	1909Lm 3768Lm
CCT	3000K 4000K	3000K 4000K
CRI	Ra80+ as standard Ra90 upon request	Ra80+ as standard Ra90 upon request
Control	Fixed Output, DALI, DSI, Switch Dim, Casambi	Fixed Output, DALI, DSI, Switch Dim, Casambi
Dimensions (D2xH2)	900Ømm x 30mm	1200Ømm x 30mm
Acoustic dimensions (DlxHl)	800mm x 40mm	1200mm x 40mm
Acoustic Properties	NRC   0.95 Acoustic Class A	NRC   0.95 Acoustic Class A



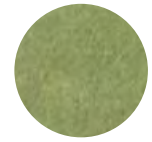
White  
PET Fibre



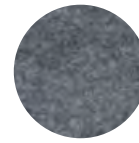
Teal  
PET Fibre



Light Grey  
PET Fibre



Fuzzy Green  
PET Fibre



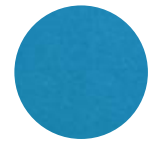
Grey  
PET Fibre



Opal  
PET Fibre



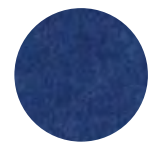
Black  
PET Fibre



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

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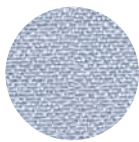
# OPTIONAL FINISHES.

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

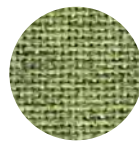
100% Polypropylene  
100% Recycled Polyester  
All Fabrics certified to EU Eco label.



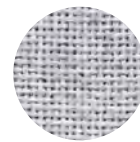
Light Green  
Fine Texture



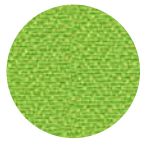
Light Blue  
Fine Texture



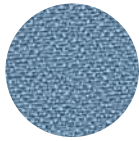
Light Green  
Coarse Texture



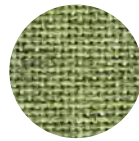
Light Grey  
Coarse Texture



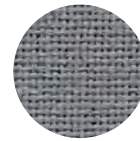
Green  
Fine Texture



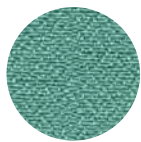
Blue Grey  
Fine Texture



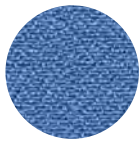
Green  
Coarse Texture



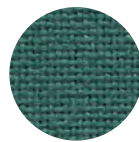
Grey  
Coarse Texture



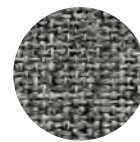
Teal  
Fine Texture



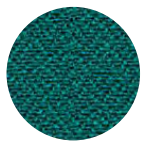
Blue  
Fine Texture



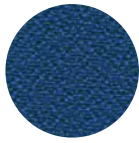
Teal  
Coarse Texture



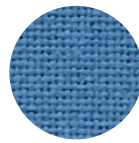
Lead Grey  
Coarse Texture



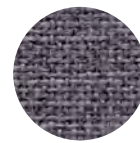
Dark Teal  
Fine Texture



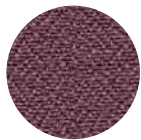
Navy Blue  
Fine Texture



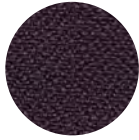
Light Blue  
Coarse Texture



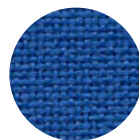
Dark Grey  
Coarse Texture



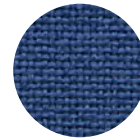
Purple  
Fine Texture



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](http://www.pandaprojects.co.uk) for more details.



# Acoustic Lighting.

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