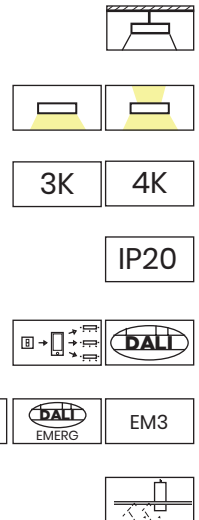
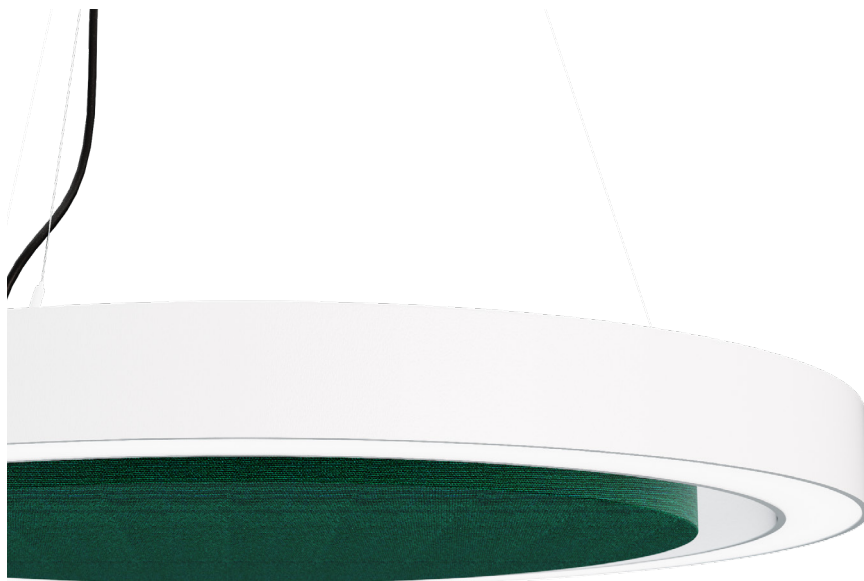


P&A



POLO-Acoustic

Suspended

POLO-Acoustic is a suspended architectural luminaire, which is not only stylish in appearance, combined with a Acoustic Class A, fabric raft. Available in 700mm, 900mm, 1200mm and 1500mm diameters as standard, with direct or direct/indirect distribution, in a range of outputs to suit your needs.

- Efficacy of up to 111 lm/W.
- Colour temperatures: 3000°k and 4000°k.
- Colour Finishes: White (9016), Black (9005) or Silver (9006). Other RAL colours, available on request.
- Dimming options: DALI 1-100% Dim, DSI, Switch Dim, 1-10v.
- Wireless control options: Casambi.
- Luminaire supplied complete with individual wire suspensions, which are adjustable up to 3m length as standard*.
- Custom length wire suspension, Clear, Black or White flex are also available.
- Acoustic diameters: 400mmØ, 600mmØ, 1000mmØ or 1200mmØ rafts.
- Acoustic Performance: Class A/ NRC 0.95.
- Acoustic Fabrics: Fine texture or Coarse texture.
- Special Outputs available upon request.
- Emergency options: Standard 3hr, Self-Test, Dali addressable or 3hr Dali Wireless Sentinel.

Technical

Product	POLO-Acoustic
Mounting type	Suspended
Standard Diameter	700-1500mm
Lumens	3109-11196 Llm
Efficacy	Upto 111 lm/W
Colour Temperature	Warm White (3K) Neutral White (4K)
Optics	Opal diffuser Microprism (UGR<19)
Acoustic raft Diameters	400mmØ x 40mm 600mmØ x 40mm 1000mmØ x 40mm 1200mmØ x 40mm
Control	DALI 1-100%, DSI, 1-10V, Casambi
Emergency	3 hour, DALI, Self-Test, 3 hour DALI Wireless Sentinel
Rendering	Ra80+
IP Rating	IP20
Safety Class	Class 1
MacAdam	SDCM 3
L70/B10	>50K

** Central single point fixing via ceiling rose available as additional item – see ancillaries.

P&A

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www.pandaprojects.co.uk

Datasheet Code: **PA-10361-0**

UK
CA

CE

BS EN60598-1:2015
ISO 9001 Certification

MADE IN
BRITAIN

Luminaire Order Builder

POLO7-WS (700mmØ Direct)

STEP 1. Select Current	STEP 2. Direction	STEP 3. Optics	STEP 4. CCT	STEP 5. Control	STEP 6. Finish	STEP 7. Acoustic Fabric*	STEP 8. Emergency
35 350mA 4349Llm - 39.1W	D Direct	O Opal Diffuser M Microprism UGR<19	3K 3000K 4K 4000K	FO Fixed Output A1 DALI 1-100% Dim A2 DSI A3 Switch Dim A4 1-10v A5 Casambi	W RAL9016M B RAL9005 S RAL9006 Z Custom	4F 400mm mm Acoustic Raft - Fine Texture 4C 400mm mm Acoustic Raft - Coarse Texture	E3 Standard 3 Hour ED DALI/EMPRO ES Self-Test EW 3 hour DALI Wireless Sentinel

All electrical and optical data subject to ±10% tolerances.
Values based on 4000K Colour temperature, Opal Diffuser and White housing.
*Please see last page for fabric colour options.

Example Code: POLO7WS35DO4KA1W4FE3

POLO7-WS (700mmØ Direct/Indirect)

STEP 1. Select Current	STEP 2. Direction	STEP 3. Optics	STEP 4. CCT	STEP 5. Control	STEP 6. Finish	STEP 7. Acoustic Fabric*	STEP 8. Emergency
35 350mA 5778Llm - 51.2W	DI Direct/Indirect	O Opal Diffuser M Microprism UGR<19	3K 3000K 4K 4000K	FO Fixed Output A1 DALI 1-100% Dim A2 DSI A3 Switch Dim A4 1-10v A5 Casambi	W RAL9016M B RAL9005 S RAL9006 Z Custom	4F 400mm mm Acoustic Raft - Fine Texture 4C 400mm mm Acoustic Raft - Coarse Texture	E3 Standard 3 Hour ED DALI/EMPRO ES Self-Test EW 3 hour DALI Wireless Sentinel

All electrical and optical data subject to ±10% tolerances.
Values based on 4000K Colour temperature, Opal Diffuser and White housing.
*Please see last page for fabric colour options.

Example Code: POLO7WS35DIO4KA14CWE3

Luminaire Order Builder

POLO9-WS (900mmØ Direct)

STEP 1. Select Current	STEP 2. Direction	STEP 3. Optics	STEP 4. CCT	STEP 5. Control	STEP 6. Finish	STEP 7. Acoustic Fabric*	STEP 8. Emergency
35 350mA 5592Llm - 54.2W	D Direct	O Opal Diffuser M Microprism UGR<19	3K 3000K 4K 4000K	FO Fixed Output A1 DALI 1-100% Dim A2 DSI A3 Switch Dim A4 1-10v A5 Casambi	W RAL9016M B RAL9005 S RAL9006 Z Custom	6F 600mm mm Acoustic Raft - Fine Texture 6C 600mm mm Acoustic Raft - Coarse Texture	E3 Standard 3 Hour ED DALI/EMPRO ES Self-Test EW 3 hour DALI Wireless Sentinel

All electrical and optical data subject to ±10% tolerances.
Values based on 4000K Colour temperature, Opal Diffuser and White housing.
*Please see last page for fabric colour options.

Example Code: POLO9WS35DO4KA1W6FE3

POLO9-WS (900mmØ Direct/Indirect)

STEP 1. Select Current	STEP 2. Direction	STEP 3. Optics	STEP 4. CCT	STEP 5. Control	STEP 6. Finish	STEP 7. Acoustic Fabric*	STEP 8. Emergency
35 350mA 7381Llm - 69.6W	DI Direct/indirect	O Opal Diffuser M Microprism UGR<19	3K 3000K 4K 4000K	FO Fixed Output A1 DALI 1-100% Dim A2 DSI A3 Switch Dim A4 1-10v A5 Casambi	W RAL9016M B RAL9005 S RAL9006 Z Custom	6F 600mm mm Acoustic Raft - Fine Texture 6C 600mm mm Acoustic Raft - Coarse Texture	E3 Standard 3 Hour ED DALI/EMPRO ES Self-Test EW 3 hour DALI Wireless Sentinel

All electrical and optical data subject to ±10% tolerances.
Values based on 4000K Colour temperature, Opal Diffuser and White housing.
*Please see last page for fabric colour options.

Example Code: POLO9WS35DIO4KA1W6CE3

Luminaire Order Builder

POLO12-WS (1200mmØ Direct)

STEP 1. Select Current	STEP 2. Direction	STEP 3. Optics	STEP 4. CCT	STEP 5. Control	STEP 6. Finish	STEP 7. Acoustic Fabric*	STEP 8. Emergency
35 350mA 7442Llm ~ 69.6W	D Direct	O Opal Diffuser M Microprism UGR<19	3K 3000K 4K 4000K	FO Fixed Output A1 DALI 1-100% Dim A2 DSI A3 Switch Dim A4 1-10v A5 Casambi	W RAL9016M B RAL9005 S RAL9006 Z Custom	10F 600mm mm Acoustic Raft - Fine Texture 10C 600mm mm Acoustic Raft - Coarse Texture	E3 Standard 3 Hour ED DALI/EMPRO ES Self-Test EW 3 hour DALI Wireless Sentinel

All electrical and optical data subject to ±10% tolerances.
Values based on 4000K Colour temperature, Opal Diffuser and White housing.
*Please see last page for fabric colour options.

Example Code: POLO12WS35DO4KA1W10FE3

POLO12-WS (1200mmØ Direct/Indirect)

STEP 1. Select Current	STEP 2. Direction	STEP 3. Optics	STEP 4. CCT	STEP 5. Control	STEP 6. Finish	STEP 7. Acoustic Fabric*	STEP 8. Emergency
35 350mA 9289Llm ~ 86.2W	DI Direct/Indirect	O Opal Diffuser M Microprism UGR<19	3K 3000K 4K 4000K	FO Fixed Output A1 DALI 1-100% Dim A2 DSI A3 Switch Dim A4 1-10v A5 Casambi	W RAL9016M B RAL9005 S RAL9006 Z Custom	10F 1000mm mm Acoustic Raft - Fine Texture 10C 1000mm mm Acoustic Raft - Coarse Texture	E3 Standard 3 Hour ED DALI/EMPRO ES Self-Test EW 3 hour DALI Wireless Sentinel

All electrical and optical data subject to ±10% tolerances.
Values based on 4000K Colour temperature, Opal Diffuser and White housing.
*Please see last page for fabric colour options.

Example Code: POLO12WS35DIO4KA1W10CE3

Luminaire Order Builder

POLO15-WS (1500mmØ Direct)

STEP 1. Select Current	STEP 2. Direction	STEP 3. Optics	STEP 4. CCT	STEP 5. Control	STEP 6. Finish	STEP 7. Acoustic Fabric*	STEP 8. Emergency
35 350mA 9293Llm - 89.9W	D Direct	O Opal Diffuser M Microprism UGR<19	3K 3000K 4K 4000K	FO Fixed Output A1 DALI 1-100% Dim A2 DSI A3 Switch Dim A4 1-10v A5 Casambi	W RAL9016M B RAL9005 S RAL9006 Z Custom	12F 1200mm mm Acoustic Raft - Fine Texture 12C 1200mm mm Acoustic Raft - Coarse Texture	E3 Standard 3 Hour ED DALI/EMPRO ES Self-Test EW 3 hour DALI Wireless Sentinel

All electrical and optical data subject to ±10% tolerances.
Values based on 4000K Colour temperature, Opal Diffuser and White housing.
*Please see last page for fabric colour options.

Example Code: POLO15WS35DO4KA1W12FE3

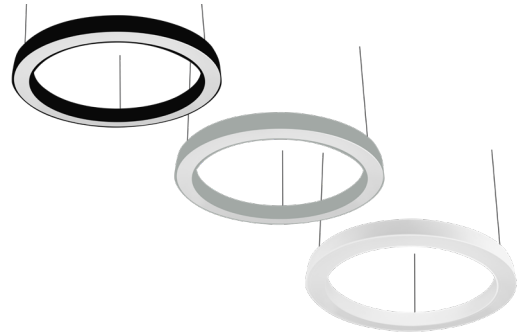
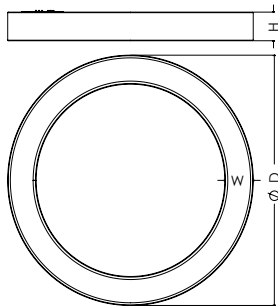
POLO15-WS (1500mmØ Direct/Indirect)

STEP 1. Select Current	STEP 2. Direction	STEP 3. Optics	STEP 4. CCT	STEP 5. Control	STEP 6. Finish	STEP 7. Acoustic Fabric*	STEP 8. Emergency
35 350mA 11196Llm -104.9W	DI Direct/indirect	O Opal Diffuser M Microprism UGR<19	3K 3000K 4K 4000K	FO Fixed Output A1 DALI 1-100% Dim A2 DSI A3 Switch Dim A4 1-10v A5 Casambi	W RAL9016M B RAL9005 S RAL9006 Z Custom	12F 1200mm mm Acoustic Raft - Fine Texture 12C 1200mm mm Acoustic Raft - Coarse Texture	E3 Standard 3 Hour ED DALI/EMPRO ES Self-Test EW 3 hour DALI Wireless Sentinel

All electrical and optical data subject to ±10% tolerances.
Values based on 4000K Colour temperature, Opal Diffuser and White housing.
*Please see last page for fabric colour options.

Example Code: POLO15WS35DIO4KA1I2CE3

P&A POLO Acoustic



Dimensions

DØ	W	H	RAL	Code	Colour Switch
700	80	80	White	9016M	
900	80	80	Black	9005	
1200	80	80	Silver	9006	
1500	80	80	Custom*	Custom*	

*Custom Colours upon request

All dimensions are measured in millimetres (mm)

Ancillaries

Wire Suspensions	Code	3m Wire suspension kit	Decorative Ceiling Rose, with 6 Way Wago terminal.
3m Wire suspension kit	POLO-WS-3M		
Custom length (1m increments)	POLO-WS-ZM		

Clear 0.75mm², Supply Cable

3 core, Clear, 3m	FL-3C-C-3M
3 core, Clear, Custom Length*	FL-3C-C-ZM
5 core, Clear, 3m	FL-5C-C-3M
5 core, Clear, Custom Length*	FL-5C-C-ZM
6 core, Clear, 3m	FL-6C-C-3M
6 core, Clear, Custom Length*	FL-6C-C-ZM

Black 0.75mm², Supply Cable

3 core, Black, 3m	FL-3C-B-3M
3 core, Black, Custom Length*	FL-3C-B-ZM
5 core, Black, 3m	FL-5C-B-3M
5 core, Black, Custom Length*	FL-5C-B-ZM
6 core, Black, 3m	FL-6C-B-3M
6 core, Black, Custom Length*	FL-6C-B-ZM

White 0.75mm², Supply Cable

3 core, White, 3m	FL-3C-W-3M
3 core, White, Custom Length*	FL-3C-W-ZM
5 core, White, 3m	FL-5C-W-3M
5 core, White, Custom Length*	FL-5C-W-ZM
6 core, White, 3m	FL-6C-W-3M
6 core, White, Custom Length*	FL-6C-W-ZM

Decorative Ceiling Rose, with 6 Way Wago terminal (c/w central hole for single wire suspension fixing).

Silver RAL9006	CR-120-I-S
Black RAL9005	CR-120-I-B
White RAL9016	CR-120-I-W
Custom RAL Colour**	CR-120-I-Z

*Please replace Z with required cut meter length.

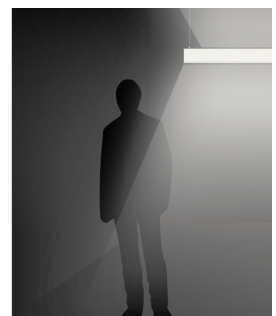
**Please replace Z with required Custom RAL Colour.

Ancillaries images



Distribution Types

Direct	Direct/Indirect
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Crown House, Plantation Rd, Burscough, Lancashire, L40 8JT
01704 891333
sales@pandaprojects.co.uk
www.pandaprojects.co.uk

Datasheet Code: PA-10361-0



BS EN60598-1:2015
ISO 9001 Certification



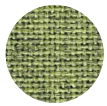
Acoustic Fabric colour options

Fine Texture

Coarse Texture



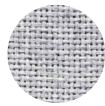
Red
Coarse Texture



Light Green
Coarse Texture



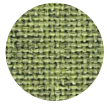
Grey
Coarse Texture



Light Grey
Coarse Texture



Yellow
Coarse Texture



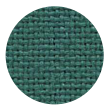
Green
Coarse Texture



Lead Grey
Coarse Texture



Deep Red
Coarse Texture



Teal
Coarse Texture



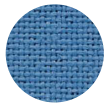
Dark Grey
Coarse Texture



Dark Blue
Coarse Texture



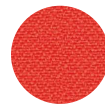
Navy Blue
Coarse Texture



Light Blue
Coarse Texture



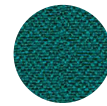
White
Fine Texture



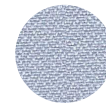
Red/Orange
Fine Texture



Light Green
Fine Texture



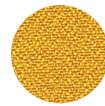
Dark Teal
Fine Texture



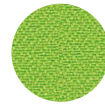
Light Blue
Fine Texture



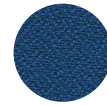
Sand
Fine Texture



Yellow
Fine Texture



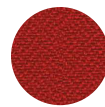
Green
Fine Texture



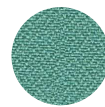
Navy Blue
Fine Texture



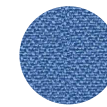
Grey
Fine Texture



Deep Red
Fine Texture



Teal
Fine Texture



Blue
Fine Texture



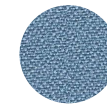
Black
Fine Texture



Dark Purple
Fine Texture



Purple
Fine Texture



Blue Grey
Fine Texture

IP20

IP20
Protection of fingers against
access to hazardous parts, and
protection against objects larger
than 12.5mm



Safety Class
Class 1 safety chassis is
connected to earth with a
separate terminal, instead of via
the mains cable



Warranty
5 year Guarantee