

POLO-Acoustic

Suspended

POLO-Acoustic is a suspended architectural luminaire, which is not only stylish in appearance, but now is combined with a Acoustic Class A, PET Fibre acoustic 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: 500mmØ, 700mmØ, 1000mmØ or 1200mmØ rafts.
- Acoustic Performance: Class A.
- Acoustic : PET Fibre as standard, Fabric available on request.
- 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 lIm
Efficacy	Upto 111 lm/W
Colour Temperature	Warm White (3K) Neutral White (4K)
Optics	Opal diffuser Microprism (UGR<19)
Acoustic raft Diameters	500mmØ 700mmØ 1000mmØ 1200mmØ
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.

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 4349Lm - 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	5P 500mm Acoustic Raft - PET Fibre	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 colour options.

Example Code: POLO7WS35DO4KA1W5FE3

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 5778Lm -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	5P 500mm Acoustic Raft - PET Fibre	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 colour options.

Example Code: POLO7WS35DIO4KA15CWE3

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	7P 700mm Acoustic Raft - PET Fibre	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 colour options.

Example Code: POLO9WS35DO4KA1W7FE3

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	7P 700mm Acoustic Raft - PET Fibre	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 colour options.

Example Code: POLO9WS35DIO4KA1W7CE3

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	10P 1000mm Acoustic Raft - PET Fibre	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 colour options.

Example Code: POLO12WS35DO4KAIW10FE3

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	10P 1000mm Acoustic Raft - PET Fibre	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 colour options.

Example Code: POLO12WS35DIO4KAIW10CE3

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	12P 1200mm Acoustic Raft - PET Fibre	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 colour options.

Example Code: POLO15WS35DO4KA1W12FE3

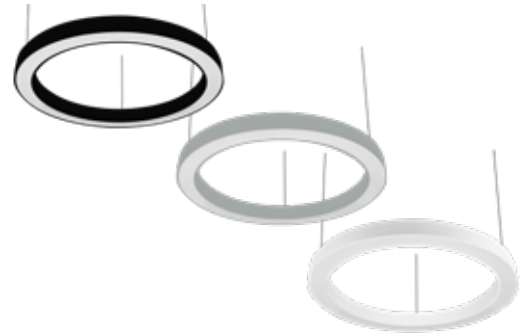
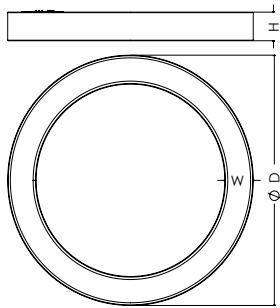
POLO15-WS (1500mmØ Direct/Indirect)

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	12P 1200mm Acoustic Raft - PET Fibre	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 colour options.

Example Code: POLO15WS35DIO4KA1I2CE3

P&A POLO Acoustic



Dimensions

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

Finish

*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-120-1-S
Black RAL9005	CR-120-1-B
White RAL9016	CR-120-1-W
Custom RAL Colour**	CR-120-1-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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Acoustic colour options

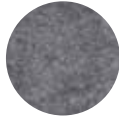
PET Fibre



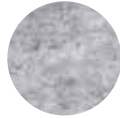
Black
PET Fibre



Dark Grey
PET Fibre



Grey
PET Fibre



Light Grey
PET Fibre



White
PET Fibre



Opal
PET Fibre



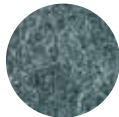
Sand
PET Fibre



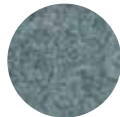
Nocturn
PET Fibre



Neptune
PET Fibre



Eden
PET Fibre



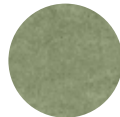
Mist
PET Fibre



Olive Green
PET Fibre



Meadow Green
PET Fibre



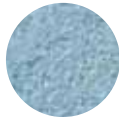
Sage Green
PET Fibre



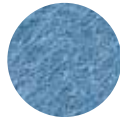
Ocean
PET Fibre



Cyprus
PET Fibre



Sky Blue
PET Fibre



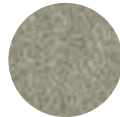
Blue
PET Fibre



Oyster
PET Fibre



Clouds
PET Fibre



Purbeck
PET Fibre



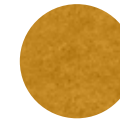
RPET
Fibre



Peach
PET Fibre



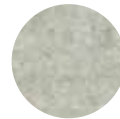
Burnt Orange
PET Fibre



Caramel
PET Fibre



Yellow
PET Fibre



Natural
PET Fibre



Marble White
PET Fibre

Technical Data

Acoustic properties

Fire Specification

EN13501-2:2007+A1:2009 Class B s1, d0

ASTM E84-2019 B Class A

Composition

A minimum of 65% post-consumer recycled polyester fibres.

Weight M2

24mm 3.8Kg

VOC Emissions

<0.02Mg/M2

Recyclable content

100%

Acoustic Rating

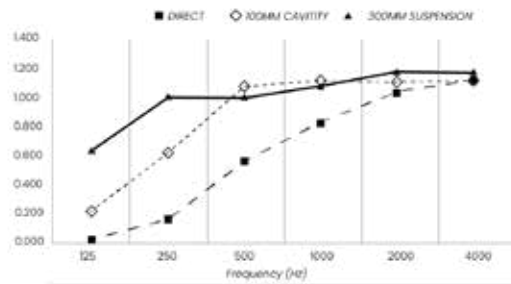
CLASS ASA

Plastic Bottles per sheet

24mm - 355 Bottles

24mm Data

SOUND ABSORPTION



24mm Acoustic Data							
Frequency	125	250	500	1000	2000	4000	4000
Direct	0.000	0.200	0.600	0.800	1.000	1.100	1.150
100mm Cavity	0.200	0.600	1.000	1.100	1.150	1.180	1.150
300mm Suspension	0.800	1.000	1.100	1.150	1.180	1.150	1.100

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



5 Year
Guarantee

Warranty
5 year Guarantee