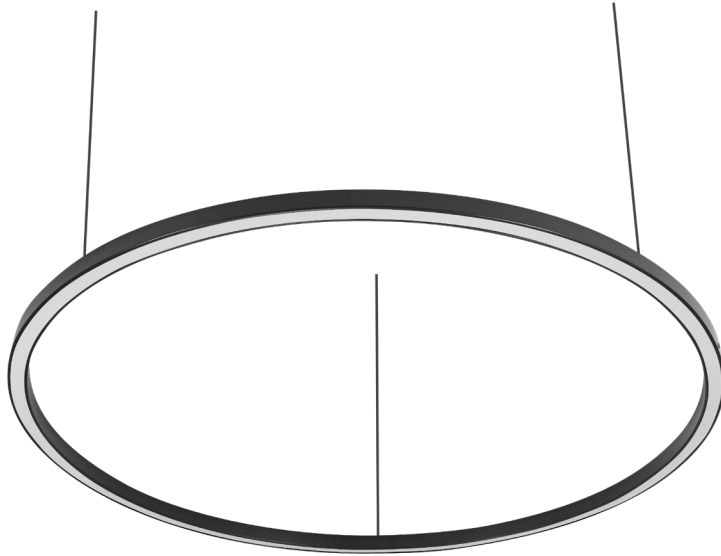
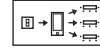




3K

4K

IP20

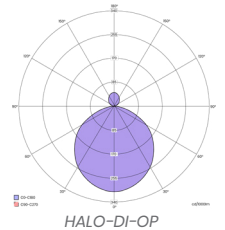


PAP-HALO

Suspended

PAP-HALO is a decorative, suspended feature luminaire. Its sleek minimalist appearance, creates the perfect statement for any area. Available in 900mm, 1200mm, 1500mm and 2000mm as standard, with direct/indirect distribution, in range of outputs to suit your needs.

- 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 or Bluetooth**.
- 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.
- Emergency not available.



Technical

Product	PAP-HALO
Mounting type	Suspended
Standard Diameter	900-2000mm
Lumens	579-4213 Lm
Colour Temperature	Warm White (3K) Neutral White (4K)
Optics	Opal diffuser
Control	DALI 1-100%, DSI, 1-10V, Casambi, Bluetooth.
Emergency	Not available
Rendering	Ra80+
IP Rating	IP20
Safety Class	Class 1
MacAdam	SDCM 2
L70/B10	>50K

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

**Drivers, Wireless controls and emergency versions are fully remote and need to be located in the adjacent ceiling void.

P&A PAP-HALO

Luminaire Order Builder

HALO9-WS (900mmØ)

STEP 1. Select Current	STEP 2. Optics	STEP 3. CCT	STEP 4. Control	STEP 5. Finish	STEP 6. Emergency
27 270mA 579Lm - 19.8W 45 450mA 962Lm - 32.8W 27H 270mA 1119Lm - 38.2W 45H 450mA 1861Lm - 63.5W	O Opal Diffuser	3K 3000K 4K 4000K	FO Fixed Output A1 DALI 1-100% Dim A2 DSI A3 Switch Dim A4 1-10v A5 Casambi A6 Bluetooth	W RAL9016M B RAL9005 S RAL9006 Z Custom	Emergency Not available Please see separate emergency products

Example Code: HALO9-27-O-4K-A1-W

HALO12-WS (1200mmØ)

STEP 1. Select Current	STEP 2. Optics	STEP 3. CCT	STEP 4. Control	STEP 5. Finish	STEP 6. Emergency
27 270mA 772Lm - 26.3W 45 450mA 1283Lm - 43.8W 27H 270mA 1505Lm - 51.4W 45H 450mA 2502Lm - 85.4W	O Opal Diffuser	3K 3000K 4K 4000K	FO Fixed Output A1 DALI 1-100% Dim A2 DSI A3 Switch Dim A4 1-10v A5 Casambi A6 Bluetooth	W RAL9016M B RAL9005 S RAL9006 Z Custom	Emergency Not available Please see separate emergency products

All electrical and optical data subject to ±10% tolerances.
Values based on 4000K Colour temperature.

Example Code: HALO12-27-O-4K-A1-W



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sales@pandaprojects.co.uk
www.pandaprojects.co.uk

Datasheet Code: PA-10289-0

CE BS EN60598-1:2015
ISO 9001 Certification



P&A PAP-HALO

Luminaire Order Builder

HALO15-WS (1500mmØ)

STEP 1. Select Current	STEP 2. Optics	STEP 3. CCT	STEP 4. Control	STEP 5. Finish	STEP 6. Emergency
27 270mA 965Lm - 32.9W 45 450mA 1604Lm - 54.9W 27H 270mA 1891Lm - 64.6W 45H 450mA 3144Lm - 107.3W	O Opal Diffuser	3K 3000K 4K 4000K	FO Fixed Output A1 DALI 1-100% Dim A2 DSI A3 Switch Dim A4 1-10v A5 Casambi A6 Bluetooth	W RAL9016M B RAL9005 S RAL9006 Z Custom	Emergency Not available Please see separate emergency products

Example Code: HALO15-27-O-4K-A1-W

HALO20-WS (2000mmØ)

STEP 1. Select Current	STEP 2. Optics	STEP 3. CCT	STEP 4. Control	STEP 5. Finish	STEP 6. Emergency
27 270mA 1286Lm - 43.9W 45 450mA 2139Lm - 73W 27H 270mA 2534Lm - 86.5W 45H 450mA 4213Lm - 143.7W	O Opal Diffuser	3K 3000K 4K 4000K	FO Fixed Output A1 DALI 1-100% Dim A2 DSI A3 Switch Dim A4 1-10v A5 Casambi A6 Bluetooth	W RAL9016M B RAL9005 S RAL9006 Z Custom	Emergency Not available Please see separate emergency products

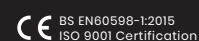
All electrical and optical data subject to ±10% tolerances.
Values based on 4000K Colour temperature.

Example Code: HALO20-27-O-4K-A1-W

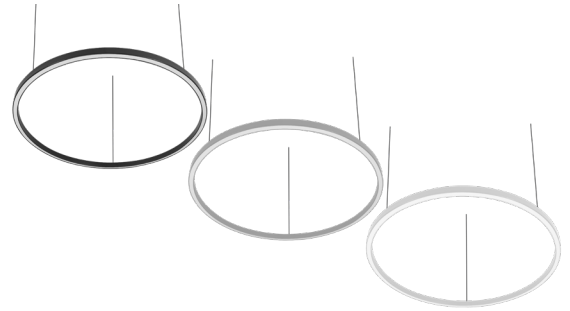
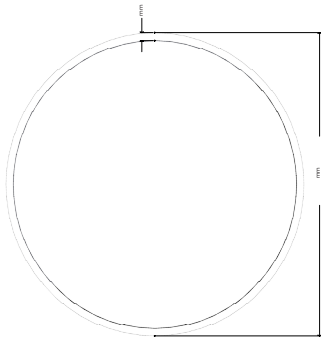


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P&A PAP-HALO



Dimensions

DØ	H	RAL	Code	Colour Swatch
900	30	White	9016M	
1200	30	Black	9005	
1500	30	Silver	9006	
2000	30	Custom*	Custom*	

All dimensions are measured in millimetres (mm)

Finish

*Custom Colours upon request

Ancillaries

Wire Suspensions	Code	3m Wire suspension kit (supplied as standard)	Decorative Ceiling Rose, with 6 Way Wago terminal.
3m Wire suspension kit	HALO-WS-3M		
Custom length (1m increments)	HALO-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-T-S
Black RAL9005	CR-120-T-B
White RAL9016	CR-120-T-W
Custom RAL Colour**	CR-120-T-Z

*Please replace Z with required cut meter length.

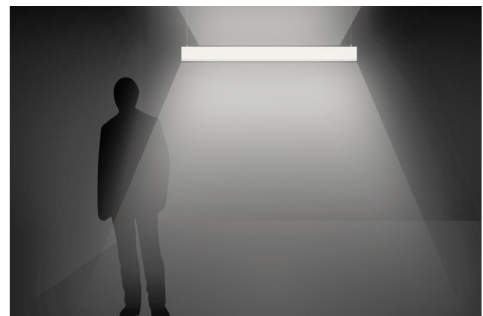
**Please replace Z with required Custom RAL Colour.

Ancillaries images



Distribution Types

Direct/Indirect



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



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CE BS EN60598-1:2015
ISO 9001 Certification

MADE IN BRITAIN