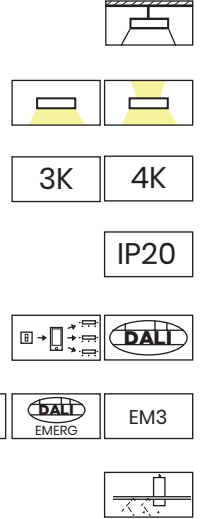


# P&A



# 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: 500mmØ, 700mmØ, 1000mmØ or 1200mmØ rafts.
- Acoustic Performance: Class A/ NRC 0.95.
- Acoustic : PET Fibre, 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	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.

# P&A

Crown House, Plantation Rd, Burscough, Lancashire, L40 8JT  
01704 891333  
sales@pandaprojects.co.uk  
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
<b>35</b> 350mA 4349Lm - 39.1W	<b>D</b> Direct	<b>O</b> Opal Diffuser  <b>M</b> Microprism UGR<19	<b>3K</b> 3000K  <b>4K</b> 4000K	<b>FO</b> Fixed Output  <b>A1</b> DALI 1-100% Dim  <b>A2</b> DSI  <b>A3</b> Switch Dim  <b>A4</b> 1-10v  <b>A5</b> Casambi	<b>W</b> RAL9016M  <b>B</b> RAL9005  <b>S</b> RAL9006  <b>Z</b> Custom	<b>5F</b> 500mm mm Acoustic Raft - Fine Texture  <b>5C</b> 500mm mm Acoustic Raft - Coarse Texture  <b>5P</b> 500mm mm Acoustic Raft - PET Fibre	<b>E3</b> Standard 3 Hour  <b>ED</b> DALI/EMPRO  <b>ES</b> Self-Test  <b>EW</b> 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: 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
<b>35</b> 350mA 5778Lm - 51.2W	<b>DI</b> Direct/Indirect	<b>O</b> Opal Diffuser  <b>M</b> Microprism UGR<19	<b>3K</b> 3000K  <b>4K</b> 4000K	<b>FO</b> Fixed Output  <b>A1</b> DALI 1-100% Dim  <b>A2</b> DSI  <b>A3</b> Switch Dim  <b>A4</b> 1-10v  <b>A5</b> Casambi	<b>W</b> RAL9016M  <b>B</b> RAL9005  <b>S</b> RAL9006  <b>Z</b> Custom	<b>5F</b> 500mm mm Acoustic Raft - Fine Texture  <b>5C</b> 500mm mm Acoustic Raft - Coarse Texture  <b>5P</b> 500mm mm Acoustic Raft - PET Fibre	<b>E3</b> Standard 3 Hour  <b>ED</b> DALI/EMPRO  <b>ES</b> Self-Test  <b>EW</b> 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: 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
<b>35</b> 350mA 5592Llm - 54.2W	<b>D</b> Direct	<b>O</b> Opal Diffuser  <b>M</b> Microprism UGR<19	<b>3K</b> 3000K  <b>4K</b> 4000K	<b>FO</b> Fixed Output  <b>A1</b> DALI 1-100% Dim  <b>A2</b> DSI  <b>A3</b> Switch Dim  <b>A4</b> 1-10v  <b>A5</b> Casambi	<b>W</b> RAL9016M  <b>B</b> RAL9005  <b>S</b> RAL9006  <b>Z</b> Custom	<b>7F</b> 700mm mm Acoustic Raft - Fine Texture  <b>7C</b> 700mm mm Acoustic Raft - Coarse Texture  <b>7P</b> 700mm mm Acoustic Raft - PET Fibre	<b>E3</b> Standard 3 Hour  <b>ED</b> DALI/EMPRO  <b>ES</b> Self-Test  <b>EW</b> 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: 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
<b>35</b> 350mA 7381Llm - 69.6W	<b>DI</b> Direct/Indirect	<b>O</b> Opal Diffuser  <b>M</b> Microprism UGR<19	<b>3K</b> 3000K  <b>4K</b> 4000K	<b>FO</b> Fixed Output  <b>A1</b> DALI 1-100% Dim  <b>A2</b> DSI  <b>A3</b> Switch Dim  <b>A4</b> 1-10v  <b>A5</b> Casambi	<b>W</b> RAL9016M  <b>B</b> RAL9005  <b>S</b> RAL9006  <b>Z</b> Custom	<b>7F</b> 700mm mm Acoustic Raft - Fine Texture  <b>7C</b> 700mm mm Acoustic Raft - Coarse Texture  <b>7P</b> 700mm mm Acoustic Raft - PET Fibre	<b>E3</b> Standard 3 Hour  <b>ED</b> DALI/EMPRO  <b>ES</b> Self-Test  <b>EW</b> 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: 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
<b>35</b> 350mA 7442Llm - 69.6W	<b>D</b> Direct	<b>O</b> Opal Diffuser  <b>M</b> Microprism UGR<19	<b>3K</b> 3000K  <b>4K</b> 4000K	<b>FO</b> Fixed Output  <b>A1</b> DALI 1-100% Dim  <b>A2</b> DSI  <b>A3</b> Switch Dim  <b>A4</b> 1-10v  <b>A5</b> Casambi	<b>W</b> RAL9016M  <b>B</b> RAL9005  <b>S</b> RAL9006  <b>Z</b> Custom	<b>10F</b> 1000mm mm Acoustic Raft - Fine Texture  <b>10C</b> 1000mm mm Acoustic Raft - Coarse Texture  <b>10P</b> 1000mm mm Acoustic Raft - PET Fibre	<b>E3</b> Standard 3 Hour  <b>ED</b> DALI/EMPRO  <b>ES</b> Self-Test  <b>EW</b> 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
<b>35</b> 350mA 9289Llm - 86.2W	<b>DI</b> Direct/indirect	<b>O</b> Opal Diffuser  <b>M</b> Microprism UGR<19	<b>3K</b> 3000K  <b>4K</b> 4000K	<b>FO</b> Fixed Output  <b>A1</b> DALI 1-100% Dim  <b>A2</b> DSI  <b>A3</b> Switch Dim  <b>A4</b> 1-10v  <b>A5</b> Casambi	<b>W</b> RAL9016M  <b>B</b> RAL9005  <b>S</b> RAL9006  <b>Z</b> Custom	<b>10F</b> 1000mm mm Acoustic Raft - Fine Texture  <b>10C</b> 1000mm mm Acoustic Raft - Coarse Texture  <b>10P</b> 1000mm mm Acoustic Raft - PET Fibre	<b>E3</b> Standard 3 Hour  <b>ED</b> DALI/EMPRO  <b>ES</b> Self-Test  <b>EW</b> 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
<b>35</b> 350mA 9293Llm - 89.9W	<b>D</b> Direct	<b>O</b> Opal Diffuser  <b>M</b> Microprism UGR<19	<b>3K</b> 3000K  <b>4K</b> 4000K	<b>FO</b> Fixed Output  <b>A1</b> DALI 1-100% Dim  <b>A2</b> DSI  <b>A3</b> Switch Dim  <b>A4</b> 1-10v  <b>A5</b> Casambi	<b>W</b> RAL9016M  <b>B</b> RAL9005  <b>S</b> RAL9006  <b>Z</b> Custom	<b>12F</b> 1200mm mm Acoustic Raft - Fine Texture  <b>12C</b> 1200mm mm Acoustic Raft - Coarse Texture  <b>12P</b> 1200mm mm Acoustic Raft - PET Fibre	<b>E3</b> Standard 3 Hour  <b>ED</b> DALI/EMPRO  <b>ES</b> Self-Test  <b>EW</b> 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

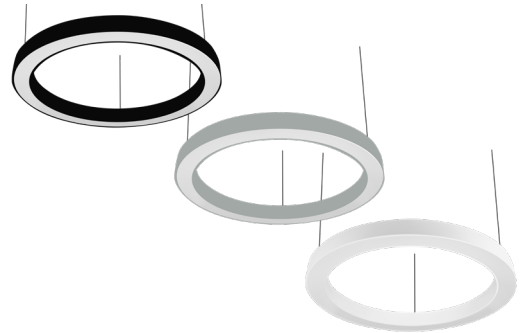
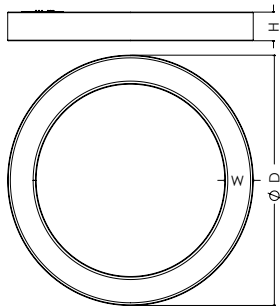
### POLO15-WS (1500mmØ Direct/Indirect)

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
<b>35</b> 350mA 11196Llm -104.9W	<b>DI</b> Direct/indirect	<b>O</b> Opal Diffuser  <b>M</b> Microprism UGR<19	<b>3K</b> 3000K  <b>4K</b> 4000K	<b>FO</b> Fixed Output  <b>A1</b> DALI 1-100% Dim  <b>A2</b> DSI  <b>A3</b> Switch Dim  <b>A4</b> 1-10v  <b>A5</b> Casambi	<b>W</b> RAL9016M  <b>B</b> RAL9005  <b>S</b> RAL9006  <b>Z</b> Custom	<b>12F</b> 1200mm mm Acoustic Raft - Fine Texture  <b>12C</b> 1200mm mm Acoustic Raft - Coarse Texture  <b>12P</b> 1200mm mm Acoustic Raft - PET Fibre	<b>E3</b> Standard 3 Hour  <b>ED</b> DALI/EMPRO  <b>ES</b> Self-Test  <b>EW</b> 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 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-T-S
Black RAL9005	CR-120-T-B
White RAL9016	CR-120-T-W
Custom RAL Colour**	CR-120-T-Z

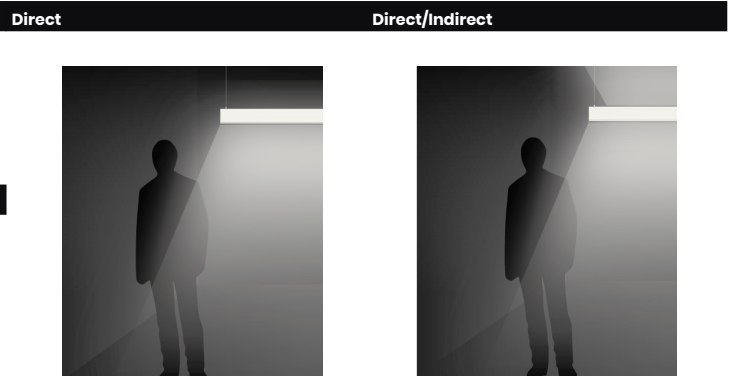
\*Please replace Z with required cut meter length.

\*\*Please replace Z with required Custom RAL Colour.

## Ancillaries images

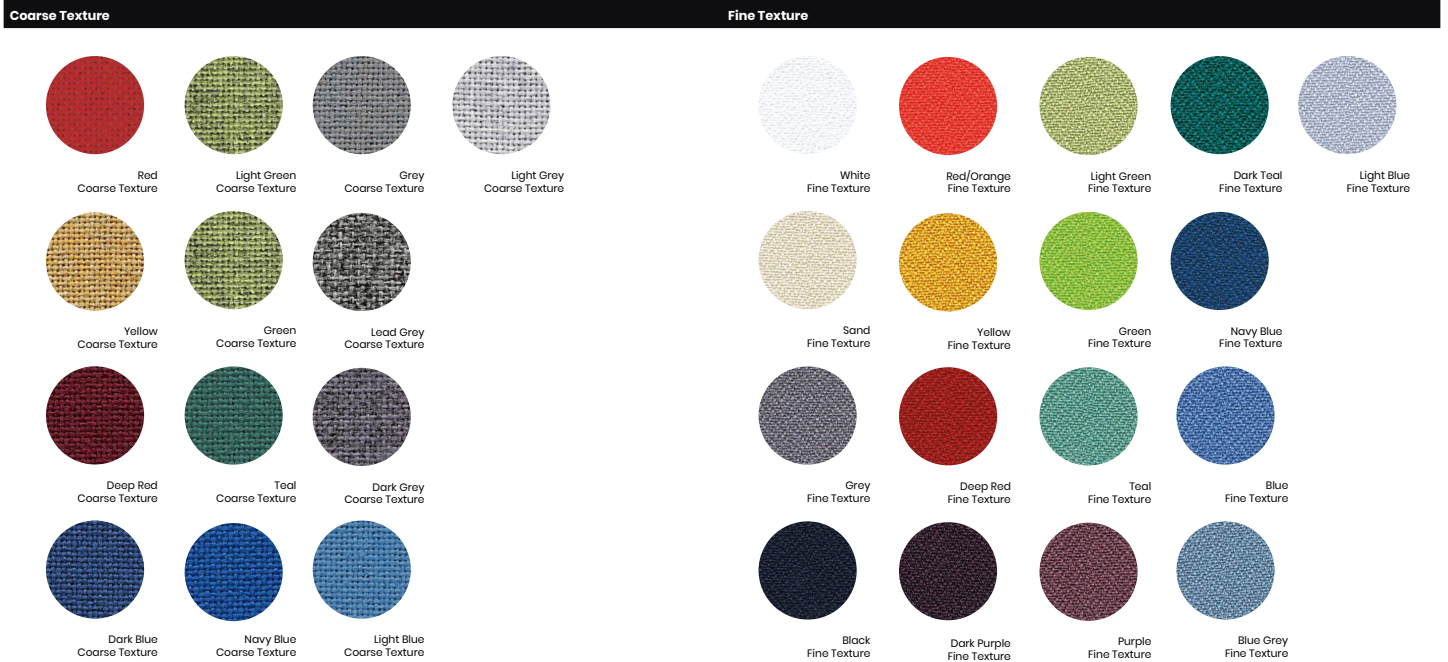


## Distribution Types

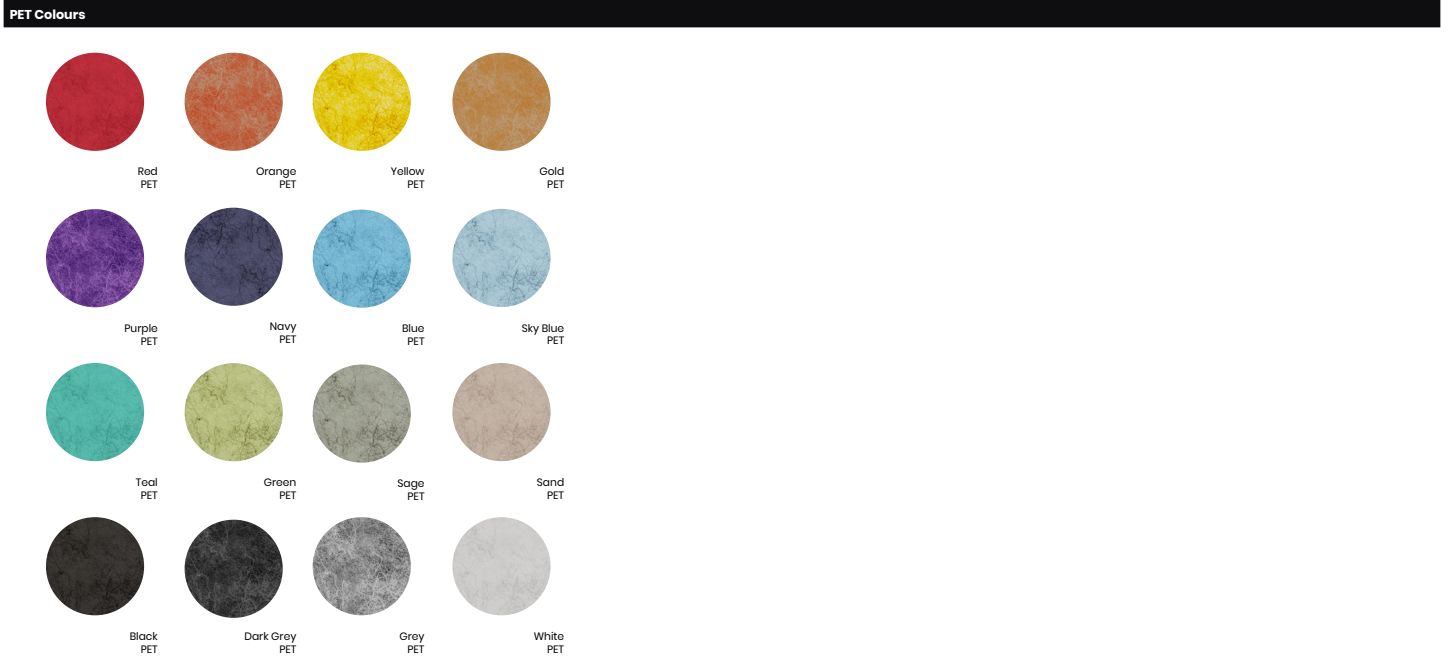


# P&A POLO Acoustic

## Acoustic Fabric colour options



## Acoustic PET colour options



**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