

TL90-Acoustic

Suspended

TL90-Acoustic is an sound absorbing architectural suspended downlight. Constructed with extruded aluminium housing combined with a Acoustic Class A, fabric raft.

- Efficacy of up to 131lm/W.
- Colour temperatures: 3000°k or 4000°k as standard.
- Colour Finishes: White (9016), Black (9005), Other RAL colours, available on request.
- Available in 20°, 30° or 50° beam angles to suit your application.
- Dimming options: DALI 1-100% Dim, DSI, Switch Dim.
- Wireless control options: Casambi.
- Acoustic diameters: 800mmØ Or 1200mmØ rafts.
- Acoustic Performance: Class A/ NRC 0.95.
- Acoustic Fabrics: Fine texture or Coarse texture.
- Standalone Emergency options available*.

Technical

| | |
|-------------------------|---------------------------------------|
| Product | TL90-Acoustic |
| Mounting type | Suspended |
| Diameter | 90mm |
| Lumens | 941 - 2116lm |
| Efficacy | Up to 131 lm/W |
| Colour Temperature | Warm White (3K) Neutral White (4K) |
| Beam Angles | 20° 30° 50° |
| Acoustic raft Diameters | 800mmØ x 40mm 1200mmØ x 40mm |
| Dimming | DALI 1-100%, DSI, Switch Dim, Casambi |
| Emergency** | Remote Standalone only |
| Rendering | Ra80 |
| IP Rating | IP20 |
| Safety Class | Class 1 |
| MacAdam | SDCM 3 |
| L70/B10 | >50K |

* Standalone emergency on available for TL90 Acoustic

P&A TL90-Acoustic

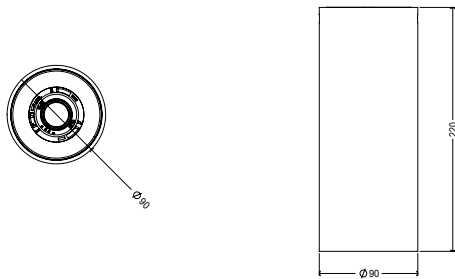
Luminaire Order Builder

TL90-Acoustic

| STEP 1. | STEP 2. | STEP 3. | STEP 4. | STEP 5. | STEP 6. | STEP 7. | STEP 8. |
|-----------------------------|---------------------------------------|------------------------------|--------------------|---------------------------------|----------------------|--|---|
| Select Mounting | Current | Optics | CCT | Control | Finish | Acoustic Fabric* | Emergency |
| FS Flex suspended | 20 200mA 941 Lm - 7.2W | 20 20° degree beam | 3K 3000K | FO Fixed Output | W RAL9016M | 8F 800mm Acoustic Raft Fine Texture | EM Remote standalone emergency available upon request |
| WS Wire suspended | 25 250mA 1176 Lm - 9W | 30 30° degree beam | 4K 4000K | A1 DALI 1-100% Dim | B RAL9005 | 8C 800mm Acoustic Raft Coarse Texture | |
| | 30 300mA 1411 Lm - 10.8W | 50 50° degree beam | | A2 DSI | Z Custom | 12F 1200mm Acoustic Raft Fine Texture | |
| | 35 350mA 1646 Lm - 12.6W | | | A3 Switch Dim | | 12C 1200mm Acoustic Raft Coarse Texture | |
| | 40 400mA 1881 Lm - 14.4W | | | A5 Casambi | | | |
| | 45 450mA 2116 Lm - 16.1W | | | | | | |

All electrical and optical data subject to ±10% tolerances.
Values based on 4000K Colour temperature and CRI80.
CRI90 available upon request.
*Please see last page for fabric colour options.

Example Code: TL90ACFS30304KA18FW



Dimensions

| D Ø | H | Finish | Code | Colour Swatch |
|-----|-----|---------|---------|---------------|
| 90 | 220 | White | 9016M | |
| | | Black | 9005 | |
| | | Custom* | Custom* | |

All dimensions are measured in millimetres (mm)

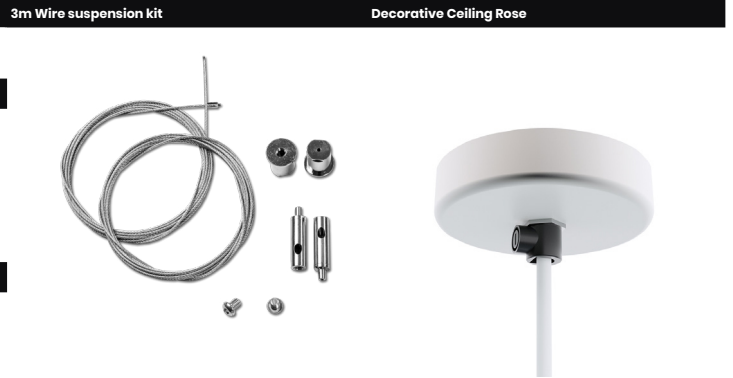
*Custom Colours upon request

P&A TL90-Acoustic

TL-WS Ancillaries

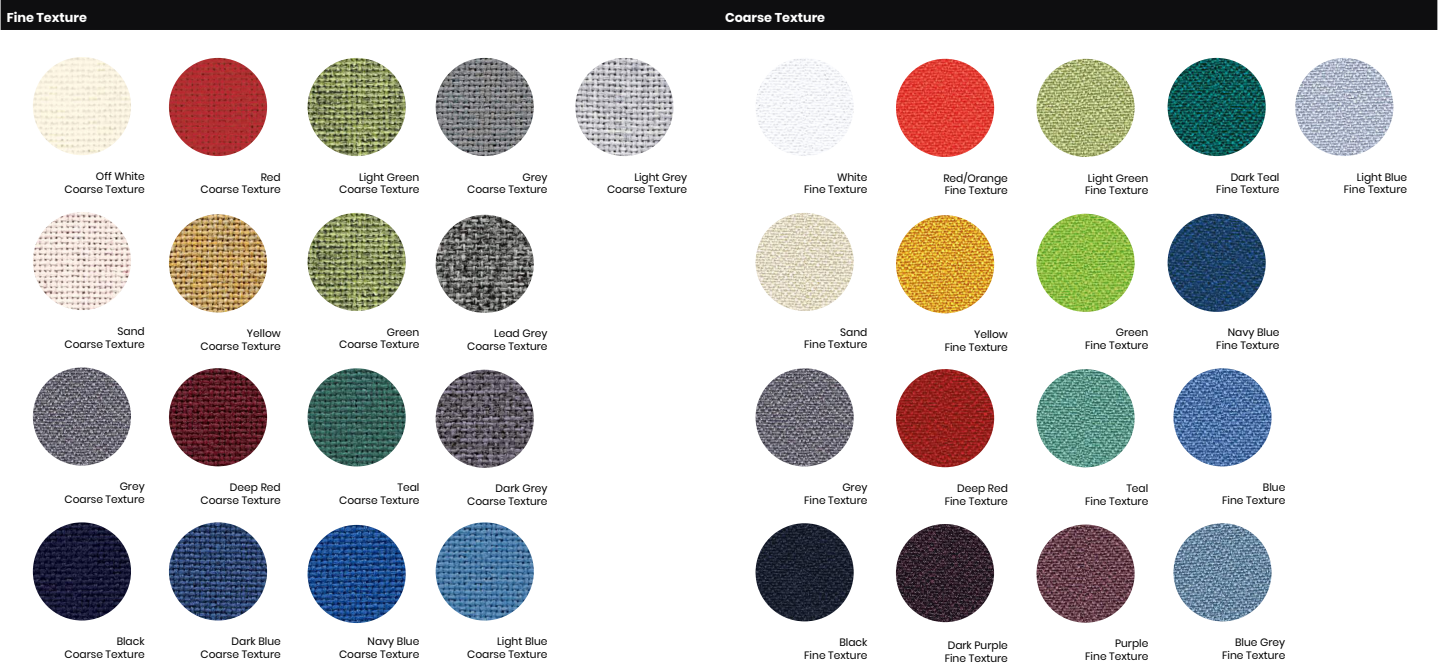
| Wire Suspensions | Code |
|--|------------|
| 3m Wire suspension kit | WS-3M |
| Custom length (1m increments) | WS-ZM |
| Clear 0.75mm ² , Supply Cable | |
| 3 core, Clear, 3m | FL-3C-C-3M |
| 3 core, Clear, Custom Length* | FL-3C-C-ZM |
| 5 core, Clear, 3m | FL-5C-C-3M |
| 5 core, Clear, Custom Length* | FL-5C-C-ZM |
| 6 core, Clear, 3m | FL-6C-C-3M |
| 6 core, Clear, Custom Length* | FL-6C-C-ZM |
| Black 0.75mm ² , 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 0.75mm ² , 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 | |
| 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 |

Ancillaries images



*Please replace Z with required cut meter length.
**Please replace Z with required Custom RAL Colour.

Acoustic Fabric 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

5 Year Guarantee
Warranty 5 year Guarantee



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

Datasheet Code: PA-10179-10

UK CA CE BS EN60598-1:2015 ISO 9001 Certification

