

# SubSpace 90

## Suspended

Subspace 90 is a suspended linear architectural luminaire, manufactured from extruded aluminium, with a profile dimension of 89mm x 85mm. Supplied as Direct or Direct/Indirect, in standard or custom lengths, with a variety of optics to suit your needs.

- Efficacy of up to 115 lm/W.
- LG7 Complaint, UGR<19 (when used with microprism diffuser).
- Colour temperatures: 3000°k, 4000°k or Tunable White (2700°k - 5700°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, DALI 1-100% Dim.
- Wireless control options: Casambi.
- Industry driver options: Fixed output or Dali dimming, for extended service life.
- 3m wire suspension kit and mounting bracket supplied as standard.
- Custom length wire suspension, Clear, Black or White flex are also available.
- Emergency options: Standard 3hr, Self-Test, Dali addressable or 3Hr Dali Wireless Sentinel.
- Square, or rectangular features are also available upon request.\*
- Special projects, which may combine both wall & ceiling, using recessed, surface and suspended versions in a single line of light, are also available upon request\*.
- Integrated PIR available upon request\*.

### Technical

Product	SubSpace 90
Mounting type	Suspended
Standard Lengths	870-2970mm
Custom Lengths	140mm increments
Lumen/M	1100-5500 Lm/M
Efficacy	Up to 115 lm/W
Colour Temperature	Warm White (3K) Neutral White (4K) Tunable White (2.7K >5.7K)
Optics	Opal diffuser Microprism (UGR<19)
Control	DALI 1-100%, DSI, 1-10V, Casambi, Fixed output, Industry DALI, Industry Fixed Output, DALI 10-100%
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	>75K

\* Please contact P&A Technical Department for assistance

# P&A SubSpace 90

Luminaire Order Builder

## SS90-WS (Direct)

STEP 1. Select Current	STEP 2. Direction	STEP 3. Optics	STEP 4. Length	STEP 5. CCT	STEP 6. Control	STEP 7. Finish	STEP 8. Emergency
<b>15</b> 150mA 1100 Lm/M - 10W/m	<b>D</b> Direct	<b>O</b> Opal Diffuser	<b>870</b> 870mm	<b>3K</b> 3000K	<b>FO</b> Fixed Output	<b>W</b> RAL9016M	<b>E3</b> Standard 3 Hour
<b>20</b> 200mA 1500 Lm/M - 14W/m		<b>M</b> Microprism UGR<19	<b>1150</b> 1150mm	<b>4K</b> 4000K	<b>A1</b> DALI 1-100% Dim	<b>B</b> RAL9005	<b>ED</b> DALI/EMPRO
<b>25</b> 250mA 1900 Lm/M - 17W/m			<b>1430</b> 1430mm	<b>TW</b> 2700K - 5700K Tunable white	<b>A2</b> DSI	<b>S</b> RAL9006	<b>ES</b> Self-Test
<b>30</b> 300mA 2200 Lm/M - 20W/m			<b>1710</b> 1710mm		<b>A3</b> Switch Dim	<b>Z</b> Custom	<b>EW</b> 3 hour DALI Wireless Sentinel
<b>35</b> 350mA 2600 Lm/M - 24W/m			<b>1990</b> 1990mm		<b>A4</b> 1-10v		
<b>40</b> 400mA 3000 Lm/M - 27W/m			<b>2270</b> 2270mm		<b>A5</b> Casambi		
			<b>2550</b> 2550mm		<b>A6</b> Industry Fixed Output		
			<b>2970</b> 2970mm		<b>A7</b> Industry DALI		
			<b>XXXX</b> Insert custom length (mm)		<b>A8</b> DALI 10-100% Dim		

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

Example Code: SS90WS15D011504KA1WE3

## SS90-WS (Direct/Indirect)

STEP 1. Select Current	STEP 2. Direction	STEP 3. Optics	STEP 4. Length	STEP 5. CCT	STEP 6. Control	STEP 7. Finish	STEP 8. Emergency
<b>15</b> 150mA 2100 Lm/M - 18W/m	<b>DI</b> Direct/indirect	<b>O</b> Opal Diffuser	<b>870</b> 870mm	<b>3K</b> 3000K	<b>FO</b> Fixed Output	<b>W</b> RAL9016M	<b>E3</b> Standard 3 Hour
<b>20</b> 200mA 2800 Lm/M - 24W/m		<b>M</b> Microprism UGR<19	<b>1150</b> 1150mm	<b>4K</b> 4000K	<b>A1</b> DALI 1-100% Dim	<b>B</b> RAL9005	<b>ED</b> DALI/EMPRO
<b>25</b> 250mA 3400 Lm/M - 30W/m			<b>1430</b> 1430mm	<b>TW</b> 2700K - 5700K Tunable white	<b>A2</b> DSI	<b>S</b> RAL9006	<b>ES</b> Self-Test
<b>30</b> 300mA 4100 Lm/M - 36W/m			<b>1710</b> 1710mm		<b>A3</b> Switch Dim	<b>Z</b> Custom	<b>EW</b> 3 hour DALI Wireless Sentinel
<b>35</b> 350mA 4800 Lm/M - 42W/m			<b>1990</b> 1990mm		<b>A4</b> 1-10v		
<b>40</b> 400mA 5500 Lm/M - 49W/m			<b>2270</b> 2270mm		<b>A5</b> Casambi		
			<b>2550</b> 2550mm		<b>A6</b> Industry Fixed Output		
			<b>2970</b> 2970mm		<b>A7</b> Industry DALI		
			<b>XXXX</b> Insert custom length (mm)		<b>A8</b> DALI 10-100% Dim		

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

Example Code: SS90WS15DIO11504KA1WE3

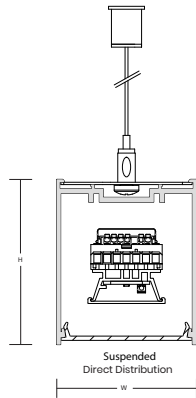


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Datasheet Code: PA-10442-0



# P&A SubSpace 90



## Dimensions

L	W	H
870	89	85
1150	89	85
1430	89	85
1710	89	85
1990	89	85
2270	89	85
2550	89	85
2970	89	85
Custom*	89	85

All dimensions are measured in millimetres (mm).  
\*Custom lengths upon request.

## Finish

RAL	Code	Colour Swatch
White	9016M	
Black	9005	
Silver	9006	
Custom*	Custom*	

\*Custom Colours upon request.

## Ancillaries

Wire Suspensions	Code
3m Wire suspension kit	SS90-WS-3M
Custom length (1m increments)	SS90-WS-ZM
<b>Clear 0.75mm<sup>2</sup>, Supply Cable</b>	
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 <sup>2</sup> , Supply Cable	Code
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 <sup>2</sup> , Supply Cable	Code
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\*\*\* (c/w central hole for single wire suspension fixing).

Silver RAL9006	CR-75-I-S
Black RAL9005	CR-75-I-B
White RAL9016	CR-75-I-W
Custom RAL Colour**	CR-75-I-Z

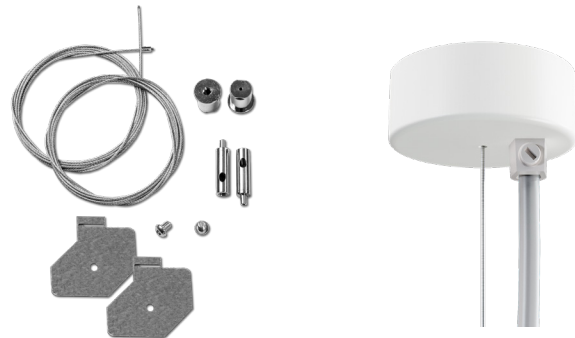
\*Please replace Z with required cut meter length.

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

\*\*\*Ceiling rose does not include termination point (Termination supplied by others).

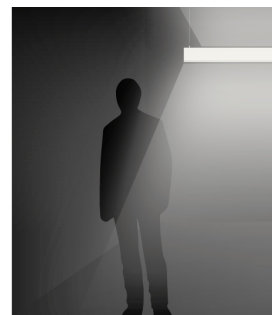
## Ancillaries images

3m Wire suspension kit      CR75 Decorative Ceiling Rose\*\*\*



## Distribution Types

Direct      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



Warranty  
5 year Guarantee