formalighting

LV Track
48V Low Voltage Track System

2020 21

Low Voltage Track System

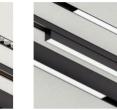
48V Low Voltage Track System







Polaris Wallwasher Low Voltage



Low Voltage

Polaris Opal Diffuser

p. 10

Polaris Extended Arm Low Voltage



p. 12

Ola Zoom

p. 20

Low Voltage

Zero Low Voltage



Zero Zoom Low Voltage



Low Voltage

Ola





p. 14

Rolo

p. 22

Low Voltage

p. 16

Low Voltage

Dado

p. 22

p. 18

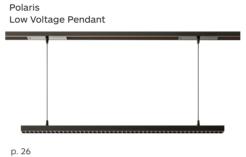
Conos Low Voltage



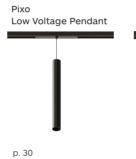


p. 24

48V Low Voltage Track System



Polaris Opal Diffuser Low Voltage Pendant p. 28









p. 36





Accessories



Driver

p. 42

Options





Code Ordering

System

p. 47



Polaris Low Voltage

Low Voltage Track

10



Body

Track mounted 48V low voltage spotlight with light body in extruded aluminium.

Standard version is inclusive of Integrated diamond faceted no-dazzle screen in thermoplastic. Wallwasher version is inclusive of integrated louvre.

Integrated track adapter, compatible with different models of Stucchi low voltage track system.

Easy to insert and remove from the track.

Available in different configurations.

Accessories

No accessories available.

Finish

Powder coat in black or white. White version available also with integrated black thermoplastic screen.

LED sources

Light source options: High Power LED. CRI: 90 | CCT: 3000K, 4000K. Other CRI, CCT and Tuneable White options available on

Optic

Lens plus thermoplastic screen Five different beam angles available Wallwasher optic available.

Driver

Integrated 48V DC input. Diming Options: 0-10V, DALI, Casambi. Check page 42 for more details about diming options.

Applications

An innovative solution for high brilliance and performance. The light source is barely visible, as the miniature light heads create a high contrast and linear light emission. Application areas: residential, hotels, restaurants, retail, corridors.

Compatible with Low Voltage Track Types

2ST1

Surface Track

2ST2 Surface Track Pendant Track

2ST7





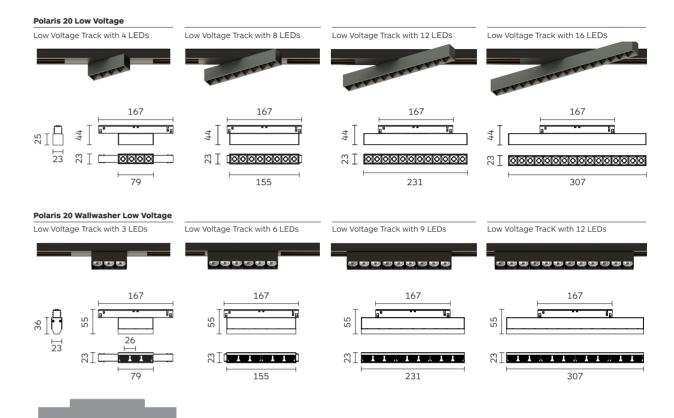




Polaris 20 Low Voltage & **Polaris 20 Wallwasher Low Voltage**



11



Code ordering example: **9 6 0 1 B 0 1 1 1 9 0 3 0 2 1 D 0 1 0**

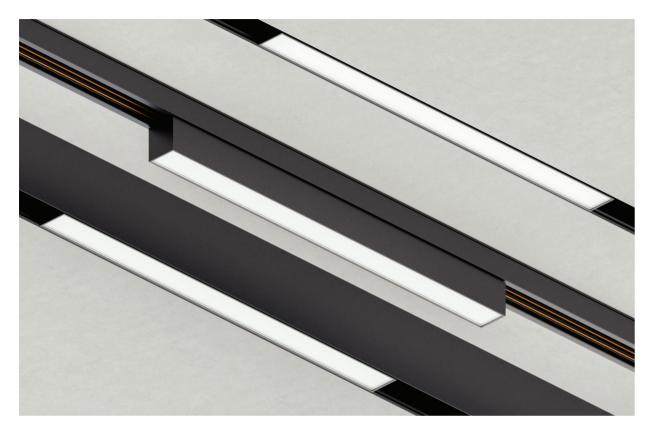
	Product Code	Light Source Code*	>CRI	CCT**	LED Power	Nominal Lumen	Beam Angle (BA°)	Driv Opt	ver tions	Finish
Polaris 20	9601	B011 High Power LED	90	30 3000K	4x1W	520 lm	21 / 33 / 45 / 60	D0	No Dim	10 ■ Black
Low Voltage with 4 LEDs				40 4000K		600 lm		DA	Dali Dim	11 ☐ White
Polaris 20	9602				8x1W	1040 lm		DC	CASAMBI	17 🛮 B/W
Low Voltage with 8 LEDs						1200 lm		D1	0-10V Dim	
Polaris 20	9603				12x1W	1560 lm				
Low Voltage with 12 LEDs						1800 lm				
Polaris 20	9604				16x1W	2080 lm				
Low Voltage with 16 LEDs						2400 lm				
Polaris 20 Wallwasher	9626	BN11 High Power LED	-		3x1W	384 lm	ww			10 ■ Black
Low Voltage with 3 LEDs						420 lm				11 ☐ White
Polaris 20 Wallwasher	9627				6x1W	768 lm				
Low Voltage with 6 LEDs						840 lm				
Polaris 20 Wallwasher	9628				9x1W	1152 lm				
Low Voltage with 9 LEDs						1260 lm				
Polaris 20 Wallwasher	9629				12x1W	1536 lm				
Low Voltage with 12LEDs						1680 lm				

- * For complete code ordering information, please see page 47.
- ** For other CCT options, please contact us.

17: white light body with black integrated louvre. For black body with white integrated louvre consult us

Polaris Opal Diffuser Low Voltage

Low Voltage Track



Body

Track mounted 48V low voltage spotlight with light body in extruded aluminium inclusive of white opal diffuser for soft and diffuse illumination.

Integrated track adapter, compatible with different models of Stucchi low voltage track system.

Easy to insert and remove from the track.

Accessories

No accessories available.

Finish

Powder coat in black or white.

LED sources

Light source options: High Power LED.
CRI: 90 | CCT: 3000K, 4000K.
Other CRI, CCT and Tuneable White options available on request.

Optic

Opal diffuser. Extra wide beam angle.

Driver

Integrated 48V DC input.
Diming Options: 0-10V, DALI, Casambi.
Check page 42 for more details about diming options.

Applications

An innovative solution for soft and diffuse illumination. The light source is barely visible, as the diffuser helps to create a morbid and uniform light emission.

Application areas: residential, hotels, restaurants, retail,

Compatible with Low Voltage Track Types

2ST1 Surface Tra

П

2ST6 Surface Track Pendant Track

2ST2Surface Track
Pendant Track

2ST7
Pendant Track
For Down Side

2ST9
Pendant Track
For Down Side

2ST3Recessed Track
Trimless



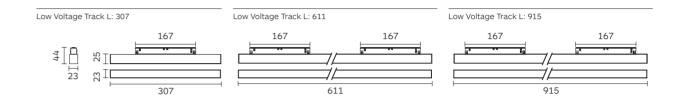
More details please see P.37.

Polaris 20 Opal Diffuser Low Voltage

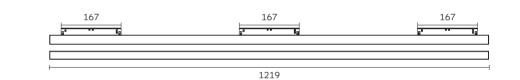


13

Polaris 20 Opal Diffuser Low Voltage



Low Voltage Track L: 1219



Low Voltage Track L: 1523

167
167
167
167
167
1523

Code ordering example: **9 6 0 5 B 0 1 1 - 9 0 3 0 D D D D 0 1 1**

	Product Code	Light Source Code*	>CRI	CCT**	LED Power	Nominal Lumen	Bea (BA	.m Angle °)	Driv Opti		Finish
Polaris 20 Opal Diffuser	9605	BO11 High Power LED	90	30 3000K	16W	2080 lm	OD	Opal Diffuser	D0	No Dim	10 ■ Black
Low Voltage L: 307				40 4000K		2400 lm			DA	Dali Dim	11 ☐ White
Polaris 20 Opal Diffuser	9606				32W	4160 lm	-		DC	CASAMBI	
Low Voltage L: 611						4800 lm			D1	0-10V Dim	
Polaris 20 Opal Diffuser	9607				48W	6240 lm					
Low Voltage L: 915						7200 lm					
Polaris 20 Opal Diffuser	9608				64W	8320 lm	-				
Low Voltage L: 1219						9600 lm					
Polaris 20 Opal Diffuser	9609				80W	10400 lm					
Low Voltage L: 1523						12000 lm					

Notes:

- * For complete code ordering information, please see page 47.
- ** For other CCT options, please contact us.



Polaris Extended Arm Low Voltage

Low Voltage Track with 4 / 8 / 12 / 16 LEDs



Body

Track mounted 48V low voltage spotlight with light body and arm in extruded aluminium inclusive of Integrated diamond faceted no-dazzle screen in thermoplastic.

Integrated track adapter, compatible with different models of Stucchi low voltage track system.

Easy to insert and remove from the track. Versatile aiming angle tiltable vertically 90°.

Available in configurations of multiple of 4 LEDs.

Accessories

No accessories available.

Finish

Powder coat in black or white. White version available also with integrated black thermoplastic screen.

LED sources

Light source options: High Power LED. CRI: 90 | CCT: 3000K, 4000K. Other CRI, CCT and Tuneable White options available on request.

Optic

Lens plus thermoplastic screen. Four different beam angles available.

Driver

Integrated 48V DC input. Diming Options: 0-10V, DALI, Casambi. Check page 42 for more details about diming options.

Applications

An innovative solution to illuminate object on a wall. A modern alternative to the traditional picture lights. Application areas: residential, hotels, restaurants, retail, corridors.

Voltage Track Types

2ST2









2ST1

Surface Track

Surface Track Pendant Track

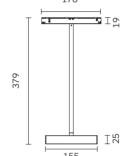
2ST7 Pendant Track For Up & Down

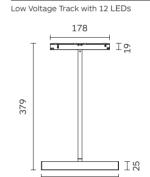
More details please see P.37.

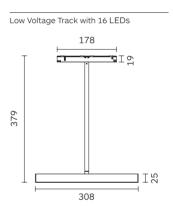
Polaris 20 Extended Arm (IP20 C E **Low Voltage**

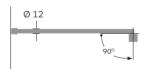


Polaris 20 Extended Arm









Code ordering example: **9 6 1 0 B 0 1 1 1 9 0 3 0 2 1 D 0 1 0**

	Product Code	Light Source Code*	>CRI	CCT	Γ**	LED Power	Nominal Lumen	Beam Angle (BA°)	Driv Opt	ver tions	Finish
Polaris 20 Extended Arm	9610	BO11 High Power LED	90	30	3000K	4x1W	520 lm	21 / 33 / 45 / 60	D0	No Dim	10 ■ Black
Low Voltage with 4 LEDs				40	4000K		600 lm		DA	Dali Dim	11 🗌 White
Polaris 20 Extended Arm	9611					8x1W	1040 lm		DC	CASAMBI	17 Ø B/W
Low Voltage with 8 LEDs							1200 lm		D1	0-10V Dim	
Polaris 20 Extended Arm	9612					12x1W	1560 lm				
Low Voltage with 12 LEDs							1800 lm				
Polaris 20 Extended Arm	9613					16x1W	2080 lm				
Low Voltage with 16 LEDs							2400 lm				

- * For complete code ordering information, please see page 47.
- ** For other CCT options, please contact us.
- 17: white light body with black integrated louvre. For black body with white integrated louvre consult us.

Zero Low Voltage

Low Voltage Track 40 | 66 | 100



Body

Track mounted 48V low voltagespotlight with lighthead and Light source options: COB LED. High Power LED. arm in aluminium.

Integrated track adapter, compatible with different models of Stucchi low voltage track system.

Easy to insert and remove from the track. Designed for passive cooling.

Available in three different sizes (40, 66, 100).

Versatile aiming angle tiltable vertically 0°-90° and rotatable horizontally 360°.

Accessories

Coulored filters, linear spred, honeycomb louvre, visor, anti-glare tube.

Finish

Powder coat in black or white colour.

LED sources

CRI: 90 | CCT: 3000K, 4000K, Tuneable White. Other CRI and CCT options available on request.

Optic

Super narrow (7°), narrow, medium and wide beam angle

Driver

Integrated 48V DC input. Diming Options: 0-10V, DALI, Casambi. Check page 42 for more details about diming options.

Applications

A modern design consisting for the purpose to meet the highest requirements of the latest advanced lighting

Application areas: retail, museums, hospitality, residential, offices, lobbies.

Compatible with Low Voltage Track Types



2ST1

2ST6 Surface Track



2ST7 Pendant Track

2ST9

Pendant Track For Up Side





More details please see P.37.

Zero Low Voltage





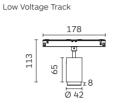




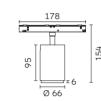
17



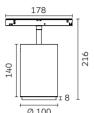
Zero 40 Low Voltage



Zero 66 Low Voltage Low Voltage Track



Zero 100 Low Voltage Low Voltage Track





Code ordering example: $\underline{9}$ $\underline{6}$ $\underline{1}$ $\underline{4}$ \underline{B} \underline{R} $\underline{2}$ $\underline{1}$ $\underline{9}$ $\underline{0}$ $\underline{3}$ $\underline{0}$ $\underline{0}$ $\underline{7}$ \underline{D} $\underline{0}$ $\underline{1}$ $\underline{0}$

	Product Code	Light Source Code*	>CRI	CCT	**	LED Power	Nominal Lumen	Beam Angle (BA°)	Drive Opti		Finish
Zero 40	9614	BR21 High Power LED	90	30	3000K	4W	400 lm	07 / 24 / 36	D0	No Dim	10 ■ Black
Low Voltage				40	4000K		430 lm		DA	Dali Dim	11 \square Whit
		BC31 COB LED	-			6W	630 lm	16 / 26 / 36	DC	CASAMBI	
							650 lm		D1	0-10V Dim	
		BU11 TW COB LED	-	TW	2700K-6500K	7W	710 lm	18 / 28 / 40			
Zero 66	9615	BR21 High Power LED	-	30	3000K	6W	530 lm	05			
Low Voltage				40	4000K		580 lm				
		BC22 COB LED	_			12W	1550 lm	16 / 25 / 36			
							1570 lm				
		IU21 TW COB LED	-	TW	2700K-6500K	13W	1290 lm	16 / 25 / 48			
Zero 100	9616	BR21 4xHigh Power LED	-	30	3000K	21W	1862 lm	07 / 24 / 36			
Low Voltage				40	4000K		1920 lm				
		BC33 COB LED				21W	2280 lm	15 / 23 / 36			
							2490 lm				
		IU31 TW COB LED	-	TW	2700K-6500K	19W	1900 lm	20 / 29 / 41			

Optical Accessories











25, 42, 55, 85	Colour 41	Colour 10	Visor Colours 10, 17	Anti-glare Tube Colours 10, 17
D63#	2D62#	2C65	2D94	2D67
E10#	2E12#	2C66	2E14	2E16
	063#	D63 [#] 2D62 [#]	2063° 2D62° 2C65	D63 ^s 2D62 ^s 2C65 2D94

* For complete code ordering information, please see page 47.

** For other CCT options, please contact us.

Zero Zoom Low Voltage

Low Voltage Track 80



Body

Track mounted 48V low voltagespotlight with lighthead and arm in cast aluminium.

Integrated track adapter, compatible with different models of Stucchi low voltage track system.

Easy to insert and remove from the track. Beam Angle manually adjustable trough ring rotation, from 10° to 35°.

Designed for passive cooling.

Versatile aiming angle tiltable vertically 0°-90° and rotatable horizontally 360°.

Accessories

No accessories available.

Finish

Powder coat in black or white colour.

LED sources

Light source options: COB LED. CRI: 90 | CCT: 3000K, 4000K. Other CRI and CCT options available on request.

Optic

Lens.

Adjustable beam angle (10-35°)

Driver

Integrated 48V DC input.
Diming Options: 0-10V, DALI, Casambi.
Check page 42 for more details about diming options.

Applications

A modern design consisting for the purpose to meet the highest requirements of the latest advanced lighting technology.

Application areas: retail, museums, hospitality, residential, offices, lobbies.

Compatible with Low Voltage Track Types



2ST1 Surface Track



2ST6 Surface Track Pendant Track



2ST7
Pendant Track



2ST9Pendant Track
For Up Side



2ST8 Recessed Track



2ST3 Recessed Track Trimless

More details please see P.37.

Zero Zoom 80 Low Voltage

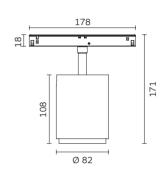


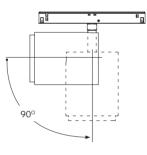
19

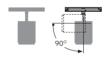


Zero Zoom 80 Low Voltage

Low Voltage Track







Code ordering example: $\underline{9}$ $\underline{6}$ $\underline{1}$ $\underline{7}$ \underline{B} \underline{C} $\underline{3}$ $\underline{1}$ $\underline{-}$ $\underline{9}$ $\underline{0}$ $\underline{3}$ $\underline{0}$ \underline{B} \underline{S} \underline{D} $\underline{0}$ $\underline{1}$ $\underline{0}$

	Product Code	Light S Code*	Source	>CRI	CCT**	LED Power	Nominal Lumen	Beam Angle (BA°)	Drive Opti		Finish
Zero Zoom 80	9617	BC31	COB LED	90	30 3000K	11W	1160 lm	BS (10-35°)	D0	No Dim	10 ■ Black
Low Voltage					40 4000K		1260 lm		DA	Dali Dim	11 White
									DC	CASAMBI	
									D1	0-10V Dim	

Notes:

- * $\,\,$ For complete code ordering information, please see page 47.
- ** For other CCT options, please contact us.
- For the most updated product information, please go to our website.
- BS: Beam shaping, Beam Angle: 10-35°, 35° field angle.

Ola Low Voltage

Low Voltage Track 55 | 100 | 130



Body

Track mounted 48V low voltage spotlight with lighthead and arm in cast aluminium. Integrated track adapter, compatible with different models of Stucchi low voltage track system.

Easy to insert and remove from the track.Lighthead designed for passive cooling.

Available in three different sizes.

Versatile aiming angle tiltable vertically 0°-90° in two directions and rotatable horizontally 360°.

Accessories

No accessories available.

Finish

Powder coat in black or white colour.

LED sources

Optic

beam angle available.

Driver

Integrated 48V DC input.

Light source options: COB LED. High Power LED. CRI: 90 | CCT: 3000K, 4000K. Other CRI and CCT options available on request.

Super narrow (7°), narrow, medium, wide and wallwasher

Check page 42 for more details about diming options.

2ST1

Compatible with Low

Voltage Track Types



Surface Track Pendant Track



2ST7



Applications

Diming Options: 0-10V, DALI, Casambi.

A chic and alluring light fixture, designed by formalighting's passionate engineers. His circular shaped classic design easily integrated into various architectural environments. Application areas: retail, museums, residential, restaurants.

More details please see P.37.

Ola Low Voltage



Ola 130 Low Voltage

Low Voltage Track





21

Ola 55 Low Voltage

Low Voltage Track

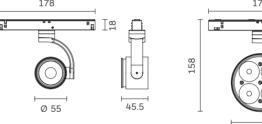


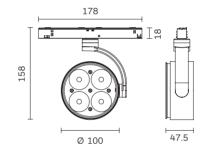
Ola 100 Low Voltage Low Voltage Track

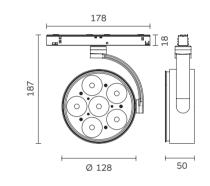


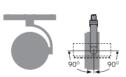












Code ordering example: **9 6 1 8 B C 2 2 - 9 0 3 0 1 8 D 0 1 0**

	Product Code	Light S Code*	Source	>CRI	CC	T**	LED Power	Nominal Lumen	Beam Angle (BA°)	Drive Opti		Finish
Ola 55	9618	BC22	COB LED	90	30	3000K	9W	1140 lm	18 / 24 / 36	D0	No Dim	10 ■ Black
Low Voltage Track					40	4000K		1270 lm		DA	Dali Dim	11 White
		BR21	High Power LED				4W	400 lm	07	DC	CASAMBI	
								430 lm		D1	0-10V Dim	
Ola 100	9619	всзз	COB LED				17W	1934 lm	15 / 24 / 38	-		
Low Voltage Track								2041 lm				
		BR21	4xHigh Power LED				16W	1760 lm	07 / 24 / 36	-		
								1930 lm				
Ola 130	9620	всзз	COB LED				25W	2760 lm	12 / 22 / 32	-		
Low Voltage Track								3000 lm				
		BR11	12x Mid Power LED				24W	2550 lm	10 / 23 / 46 / WW	-		
								2730 lm				
		BR21	6x High Power LED				20W	2320 lm	07 / 24 / 36			
								2560 lm				

- * For complete code ordering information, please see page 47.
- ** For other CCT options, please contact us.

WW: Wallwasher

Ola Zoom Low Voltage

Low Voltage Track 100



Body

Track mounted 48V low voltage spotlight with lighthead and arm in cast aluminium.

Integrated track adapter, compatible with different models of Stucchi low voltage track system.

Easy to insert and remove from the track.Lighthead designed for passive cooling. Beam Angle manually adjustable trough ring rotation, from 10° to 35°.

Versatile aiming angle tiltable vertically 0°-90° in two directions and rotatable horizontally 360°.

Accessories

No accessories available.

Finish

Powder coat in black or white colour.

LED sources

Light source options: COB LED. CRI: 90 | CCT: 3000K, 4000K. Other CRI and CCT options available on request.

Optic

Lens. Adjustable beam angle (10-35°)

Driver

Integrated 48V DC input.
Diming Options: 0-10V, DALI, Casambi.
Check page 42 for more details about diming options.

Applications

A chic and alluring light fixture, designed by formalighting's passionate engineers. His circular shaped classic design easily integrated into various architectural environments.

Application areas: retail, museums, residential, restaurants.

Compatible with Low Voltage Track Types

2ST1

Surface Track Pendant Track

Pendant Trac For Down Sic

2ST8
Recessed Tra

2ST3 Recessed

More details please see P.37.

Ola Zoom 100 Low Voltage

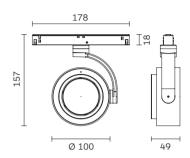


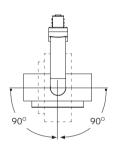
23



Ola Zoom 100 Low Voltage

Low Voltage Track







Code ordering example: 9 6 2 1 B C 3 1 - 9 0 3 0 B S D 0 1 0

	Product Code	Light Source Code*	>CRI	CC	Γ**	LED Power	Nominal Lumen	Beam Angle (BA°)	Driv Opti		Finish
Ola Zoom 100 Low Voltage	9621	BC31 COB LED	90	30	3000K	11W	1160 lm	BS (10-35°)	D0	No Dim	10 ■ Black
				40	4000K		1260 lm		DA	Dali Dim	11 White
									DC	CASAMBI	
									D1	0-10V Dim	

Notes:

- * For complete code ordering information, please see page 47.
- ** For other CCT options, please contact us.
- For the most updated product information, please go to our website.
- BS: Beam shaping, Beam Angle: 10-35°, 35° field angle.

Rolo & Dado Low Voltage

Rolo designed by Simon Fisher



Body

and arm in cast aluminium.

Integrated track adapter, compatible with different models of Stucchi low voltage track system.

Easy to insert and remove from the track.

Versatile aiming angle tiltable vertically 0°-90° in two directions and rotatable horizontally 360°.

Accessories

No accessories available.

Finish

Powder coat in black, white or grey colour.

LED sources

Track mounted 48V low voltage spotlights with light-head Light source options: COB LED. High Power LED. CRI: 90 | CCT: 3000K, 4000K. Other CRI and CCT options available on request.

Optic

Narrow, medium and wide beam angle available.

Driver

Integrated 48V DC input. Diming Options: 0-10V, DALI, Casambi. Check page 42 for more details about diming options.

Applications

A versatile and very directional tiny spotlight. The very compact sizes make it ideal for applications where the distance between ceiling and spot is an issue. Application areas: retail, museums, residential, hospitality, window displays.

Compatible with Low Voltage Track Types





More details please see P.37.

Rolo Low Voltage & Dado Low Voltage () | P20 | ()





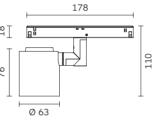


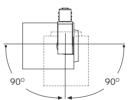
25

Rolo Low Voltage

Low Voltage Track



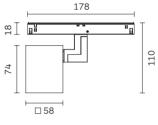


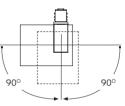


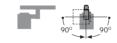
Dado Low Voltage

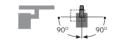
Low Voltage Track











Code ordering example: $\underline{9}$ $\underline{6}$ $\underline{2}$ $\underline{4}$ \underline{B} \underline{R} $\underline{2}$ $\underline{1}$ $\underline{9}$ $\underline{0}$ $\underline{3}$ $\underline{0}$ $\underline{0}$ $\underline{7}$ \underline{D} $\underline{0}$ $\underline{1}$ $\underline{0}$

	Product Code	Light S Code*	ource	>CRI	CCT**	LED Power	Nominal Lumen	Beam Angle (BA°)	Driv Opti		Finish
Rolo Low Voltage	9624	BR21	High Power LED	90	30 3000K	4W	400lm	07	D0	No Dim	10 ■ Black
Dado Low Voltage	9625				40 4000K		430lm		DA	Dali Dim	11 ☐ White
		BC31	COB LED	-		11W	1080lm	11 / 16 / 32	DC	CASAMBI	75 Grey
							1180lm		D1	0-10V Dim	
		GU53#3	Retrofit MR16-GU5.3	00	00	/	/	00	DP	Phase Dim	•

- * For complete code ordering information, please see page 47.
- ** For other CCT options, please contact us.
- #1 GU5.3 Retrofit LED bulb not included, max power 12W.

Conos Low Voltage

Low Voltage Track 68



Body

Track mounted 48V low voltage spotlight with light-head and arm in cast aluminium.

Integrated track adapter, compatible with different models of Stucchi low voltage track system.

Easy to insert and remove from the track. Equipped with super pure aluminium reflector.

Versatile aiming angle tiltable vertically 0° - 90° and rotatable horizontally 360° .

Accessories

Honeycomb louvre.

Finish

Powder coat in black, white or grey colour.

LED sources

Light source options: COB LED. CRI: 90 | CCT: 3000K, 4000K. Other CRI and CCT options available on request.

Optic

Lens.

Narrow, medium and wide beam angle available.

Driver

Integrated 48V DC input.
Diming Options: 0-10V, DALI, Casambi.
Check page 42 for more details about diming options.

Applications

A concept in spotlight design with continuous line applications for the benefit of increasing the possibility of display lighting. ideal fitting to illuminate small spaces.

Application areas: retail, museums, residential, hospitality, window displays.

Compatible with Low Voltage Track Types

2ST1 Surface Track

Surface Track Pendant Track



Surface Track Pendant Track

2ST7

Pendant Track
For Up & Down

2ST2



2ST9Pendant Track
For Up & Down



Recessed Track Trim 2ST3



Recessed Track Trimless



re details please see P.37.

Conos 68 Low Voltage

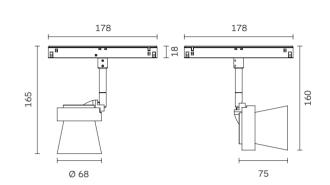


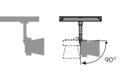
27

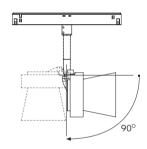


Conos 68 Low Voltage

Low Voltage Track







Code ordering example: **9 6 2 3 B C 3 1** - **9 0 3 0 1 1 1 D 0 1 0**

	Product Code	Light S Code*	ource	>CRI	CCT	LED Power	Nominal Lumen	Beam Angle (BA°)	Drive Opti		Finish
Conos 68	9623	BC31	COB LED	90	30 3000K	11W	1080 lm	11 / 16 / 32	D0	No Dim	10 ■ Black
Low Voltage					40 4000K		1180 lm		DA	Dali Dim	11 ☐ White
									DC	CASAMBI	75 Grey
									D1	0-10V Dim	
		GU53*	1 Retrofit MR16-GU5.3	00	00	/	/	00	DP	Phase Dim	

Optical Accessories



 Product / Optical Accessories
 Honeycomb Louvre

 Colour 10
 Colour 10

 2895
 Conos 68 Low Voltage Track

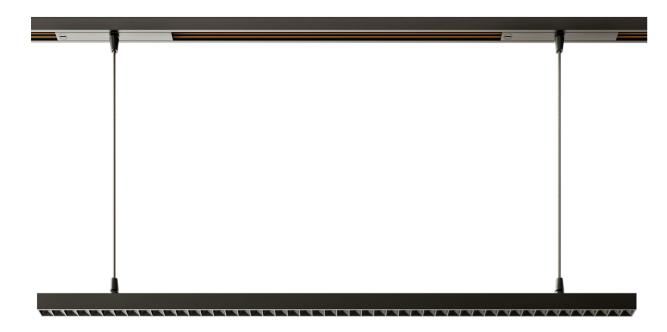
- * For complete code ordering information, please see page 47.
- ** For other CCT options, please contact us.
- ^{#1} GU5.3 Retrofit LED bulb not included, max power 12W.



[#] With holder

Polaris Low Voltage

Low Voltage Track Pendant with 36 / 48 LEDs



Body

Pendant luminaire for 48V low voltage track systems with light body in extruded aluminium inclusive of integrated diamond faceted no-dazzle screen in thermoplastic.

Supplied with integrated track adapter, compatible with different models of Stucchi low voltage track system, and 2 x 1.5m pendant wires.

Easy to insert and remove from the track.

Available in configurations of multiple of 4.

Accessories

No accessories available.

Finish

Powder coat in black or white. White version available also with integrated black thermoplastic screen.

LED sources

Light source options: High Power LED. CRI: 90 | CCT: 3000K, 4000K. Other CRI, CCT and Tuneable White options available on

Optic

Lens plus thermoplastic screen. Four different beam angles available.

Driver

Integrated 48V DC input. Diming Options: 0-10V, DALI, Casambi. Check page 42 for more details about diming options.

Applications

An innovative solution for high brilliance and performance. The light source is barely visible, as the miniature light heads create a high contrast and linear light emission. Application areas: residential, hotels, restaurants, retail, corridors.

Compatible with Low Voltage Track Types

2ST1

Surface Track Pendant Track



Surface Track 2ST2





2ST7







More details please see P.37.

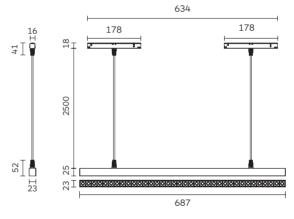
Polaris 20 Low Voltage Pendant

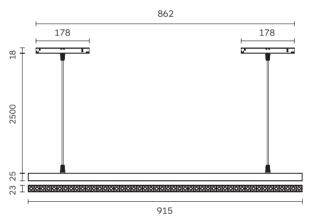


Polaris 20

Low Voltage Track Pendant with 36 LEDs









Code ordering example: **9 7 1 2 B 0 1 1 - 9 0 3 0 2 1 D 0 1 0**

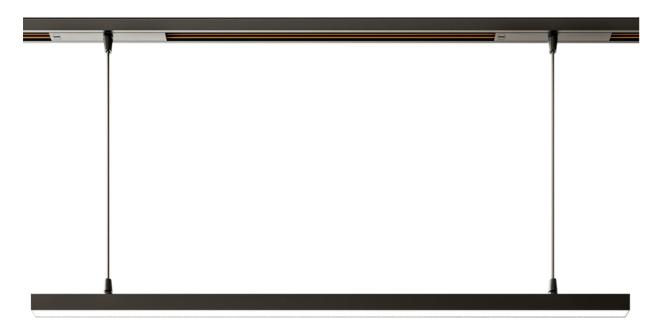
	Product Code	Light Source Code*	>CRI	CCT**	LED Power	Nominal Lumen	Beam Angle (BA°)	Drive Opti		Finish
Polaris 20 Low Voltage Pendant	9712	BO11 High Power LED	90	30 3000K	36x1W	4680 lm	21 / 33 / 45 / 60	D0	No Dim	10 ■ Black
with 36 LEDs				40 4000K		5400 lm		DA	Dali Dim	11 White
Polaris 20 Low Voltage Pendant	9713				48x1W	6240 lm		DC	CASAMBI	17 Ø B/W
with 48 LEDs						7200 lm		D1	0-10V Dim	

- * For complete code ordering information, please see page 47.
- ** For other CCT options, please contact us.
- 17: white light body with black integrated louvre. For black body with white integrated louvre consult us.

(IP20 C E

Polaris Opal Diffuser Low Voltage

Low Voltage Track Pendant



Body

Pendant luminaire for 48V low voltage track systems with light body in extruded aluminium inclusive of white opal diffuser for soft and diffuse illumination.

Supplied with integrated track adapter, compatible with different models of Stucchi low voltage track system, and 2 x 1.5m pendant wires.

Easy to insert and remove from the track.

Accessories

No accessories available.

Finish

Powder coat in black or white.

LED sources

Light source options: High Power LED. CRI: 90 | CCT: 3000K, 4000K. Other CRI, CCT and Tuneable White options available on

Optic

Opal diffuser. Extra wide beam angle.

Driver

Integrated 48V DC input. Diming Options: 0-10V, DALI, Casambi. Check page 42 for more details about diming options.

Applications

An innovative solution for soft and diffuse illumination. The light source is barely visible, as the diffuser helps to create a morbid and uniform light emission.

Application areas: residential, hotels, restaurants, retail,

Voltage Track Types

2ST1

Surface Track

Surface Track Pendant Track

2ST7 Pendant Track For Down Side 2ST9 For Down Side

Recessed Track Trim

Polaris 20 Opal Diffuser Low Voltage Pendant

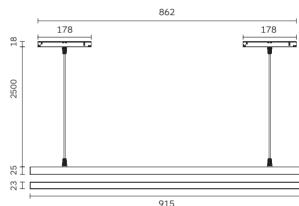
Polaris 20 Opal Diffuse

Polaris 20 Opal Diffuser

Low Voltage Track Pendant L: 687

178

Low Voltage Track Pendant L: 915





<u>4</u> [22

Code ordering example: **9 7 1 4 B O 1 1 - 9 0 3 0 0 0 D 0 1 1 0**

	Product Code	Light Source Code*	>CRI	CCT**	LED Power	Nominal Lumen	Beam Angle (BA°)	Drive Opti		Finish
Polaris 20 Opal Diffuser	9714	B011 High Power LED	90	30 3000K	36W	4680 lm	00	D0	No Dim	10 ■ Black
Low Voltage Pendant L: 687				40 4000K		5400 lm		DA	Dali Dim	11 ☐ White
2. 007								DC	CASAMBI	
Polaris 20 Opal Diffuser	9715	B011 High Power LED	-		48W	6240 lm	-	D1	0-10V Dim	
Low Voltage Pendant L: 915						7200 lm				

- * For complete code ordering information, please see page 47.
- ** For other CCT options, please contact us.



Pixo Low Voltage

Low Voltage Track Pendant 25 | 36



Body

Pendant luminaire for 48V voltage track systems with light body in extruded aluminium. Light body available in two diameter (25 and 36mm) and different lengths, to fit any ceiling height.

Exchangable front ring in wide range of colours. Supplied with integrated track adapter, compatible with different models of Stucchi low voltage track system, and 2 x 1.5m pendant wires.

Easy to insert and remove from the track.

Accessories

Decorative ring available in different colours. Transparent acrylic decorative diffuser.

Finish

Powder coat in black or white. Exchangable front ring in different colours.

LED sources

Light source options: High Power LED (Pixo 25). COB LED (Pixo 36).

CRI: 90 | CCT: 3000K, 4000K.

Other CRI and CCT options available on request.

Optic

Narrow, medium and wide beam angle available.

Driver

Integrated 48V DC input. Diming Options: 0-10V, DALI, Casambi. Check page 42 for more details about diming options.

Applications

A modern designed pendant ambient light. Its accessories make it the perfect match for sophisticated environments. Application areas: residential, hotels, restaurants, retail, corridors.

Compatible with Low Voltage Track Types

2ST1

Surface Track

Surface Track Pendant Track

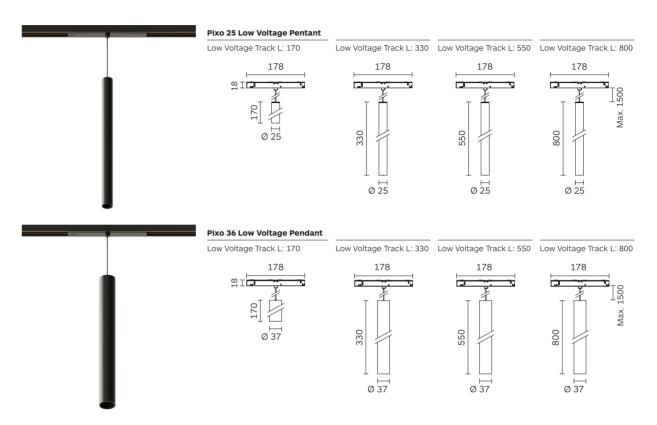
2ST7

Pendant Track For Down Side 2ST9 For Down Side

More details please see P.37.

Pixo Low Voltage Pendant





Code ordering example: **9 7 0 3 B N 1 1 - 9 0 3 0 1 4 D 0 1 0**

	Product Code	Product Length	Light Source Code*	>CRI	CCT	Γ**	LED Power	Nominal Lumen	Beam Angle (BA°)	Driv Opt	ver tions	Finish
Pixo 25	9703	170	BN11 High Power LED	90	30	3000K	2W	230 lm	14 / 20 / 26 / 32	D0	No Dim	10 ■ Black
Low Voltage Pendant	9704	330			40	4000K		260 lm		DA	Dali Dim	11 White
	9705	550								DC	CASAMBI	
	9706	800								D1	0-10V Dim	
Pixo 36	9707	170	BC31 COB LED				5W	500 lm	20 / 26 / 36			
Low Voltage Pendant	9708	330						550 lm				
	9709	550										
	9710	800										

Optical Accessories









Product / Optical Accessories Pixo 36 Low Voltage Pendant Acrylic diffuser 2E05

Colour Rina Colour 33 2E07

2E07

Colour Ring Colour Ring Colour 55 2E07

- * For complete code ordering information, please see page 47.
- ** For other CCT options, please contact us.
- For the most updated product information, please go to our website.

Pixo Zoom Low Voltage

Low Voltage Track Pendant 82



Body

Pendant luminaire for 48V voltage track systems with light body in extruded aluminium.

Beam angle manually adjustable trough ring rotation, from 10° to 35°.

Supplied with integrated track adapter, compatible with different models of Stucchi low voltage track system, and 1.5m pendant wire.

Easy to insert and remove from the track.

Accessories

No accessories available.

Finish

Powder coat in black or white.

LED sources

Light source options: High Power LED (Pixo 25). COB LED (Pixo 36).

CRI: 90 | CCT: 3000K, 4000K.

Other CRI and CCT options available on request.

Optic

Adjustable beam angle (10-35°)

Driver

Integrated 48V DC input. Diming Options: 0-10V, DALI, Casambi. Check page 42 for more details about diming options.

Applications

A modern designed pendant ambient light. Its accessories make it the perfect match for sophisticated environments. The Zoom option add flexibility in designing the shape of

Application areas: residential, hotels, restaurants, retail, corridors.

Compatible with Low Voltage Track Types

2ST1

Surface Track

Surface Track Pendant Track

2ST7 Pendant Track For Down Side

2ST9 For Down Side

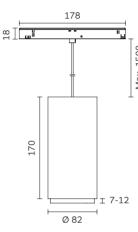
More details please see P.37.

Pixo Zoom 82 Low Voltage Pendant











Code ordering example: **9 7 1 1 B C 3 1 - 9 0 3 0 B S D 0 1 0**

	Product Code	Product Length	Light Source Code*	>CRI	CCT	T**	LED Power	Nominal Lumen	Beam Angle (BA°)	Drive Opti		Finish
Pixo Zoom 82	9711	170	BC31 COB LED	90	30	3000K	11W	1160 lm	BS (10-35°)	D0	No Dim	10 ■ Black
Low Voltage Pendant					40	4000K		1260 lm		DA	Dali Dim	11 White
										DC	CASAMBI	
										D1	0-10V Dim	

- * For complete code ordering information, please see page 47.
- ** For other CCT options, please contact us.
- For the most updated product information, please go to our website.
- **BS**: Beam shaping, Beam Angle: 10-35°, 35° field angle.



Palla Low Voltage

Low Voltage Track Pendant 70 | 100



Body

Pendant luminaire for 48V voltage track systems with light body in cast aluminium.

Supplied with integrated track adapter, compatible with different models of Stucchi low voltage track system, and 1.5m pendant wire.

Easy to insert and remove from the track.

Available in 2 different sizes.

Accessories

Honeycomb louvre.

Finish

Powder coat in black or white colour.

LED sources

CRI: 90 | CCT: 3000K, 4000K.

Other CRI and CCT versions available on request.

Optic

Narrow, medium and wide beam angle available.

Driver

Supplied with no-dimable driver in the driver canopy. Dimming Options: 0-10V, DALI, Phase, CASAMBI.

Applications

A crisp high tech designed ideal for both direct and indirect lighting applications and it integrates well with virtually any interior while offering excellent and different beam lighting distribution.

Application areas: retail, hotels, restaurants, offices, lobbies.

Voltage Track Types



Surface Track Surface Track Pendant Track





2ST7







More details please see P.37.

Palla Low Voltage Pendant



37



Code ordering example: $\underline{9}$ $\underline{7}$ $\underline{0}$ $\underline{1}$ \underline{B} \underline{C} $\underline{2}$ $\underline{2}$ $\underline{9}$ $\underline{0}$ $\underline{3}$ $\underline{0}$ $\underline{1}$ $\underline{6}$ \underline{D} $\underline{0}$ $\underline{1}$ $\underline{0}$

	Product Code	Light S Code*	Source	>CRI	CCT**	LED Power	Nominal Lumen	Beam Angle (BA°)	Driv Opti		Finish
Palla 70	9701	BC22	COB LED	90	30 3000K	12W	1500 lm	16 / 25 / 36	D0	No Dim	10 ■ Black
Low Voltage Pendant					40 4000K		1550 lm		DA	Dali Dim	11 \square White
Palla 100	9702	BC33	COB LED			21W	2200 lm	15 / 24 / 38	DC	CASAMBI	
Low Voltage Pendant							2300 lm		D1	0-10V Dim	

Optical Accessories

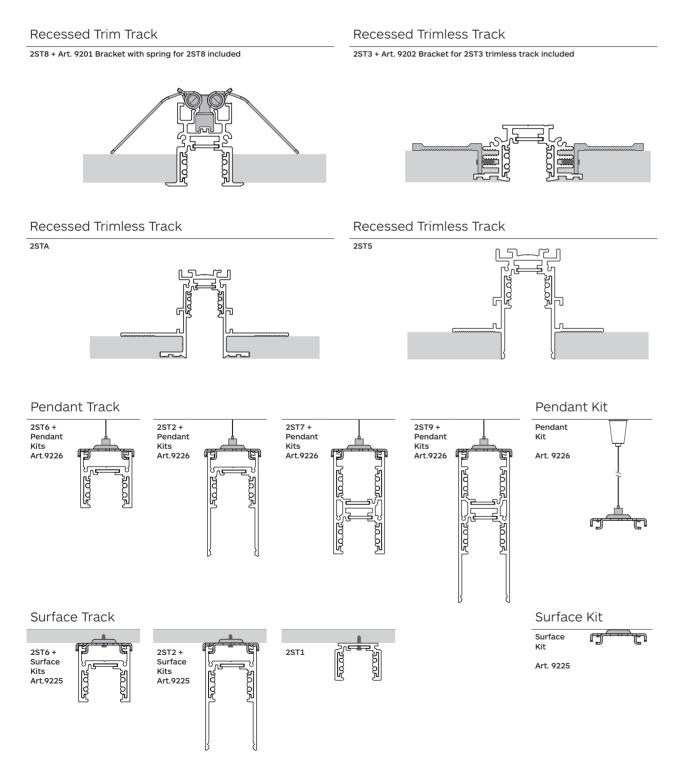


Product / Optical Accessories	Honeycomb Louvre
Palla 70 Low Voltage Pendant	2B95
Palla 100 Low Voltage Pendant	2B99

- * For complete code ordering information, please see page 47.
- ** For other CCT options, please contact us.
- For the most updated product information, please go to our website.



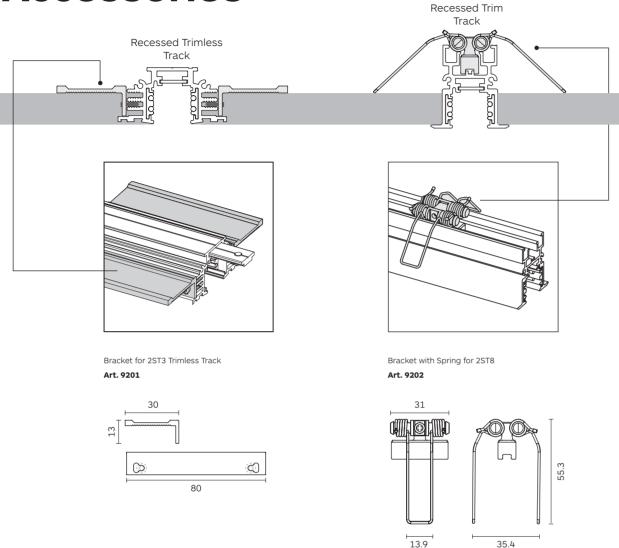
Low Voltage Track Options

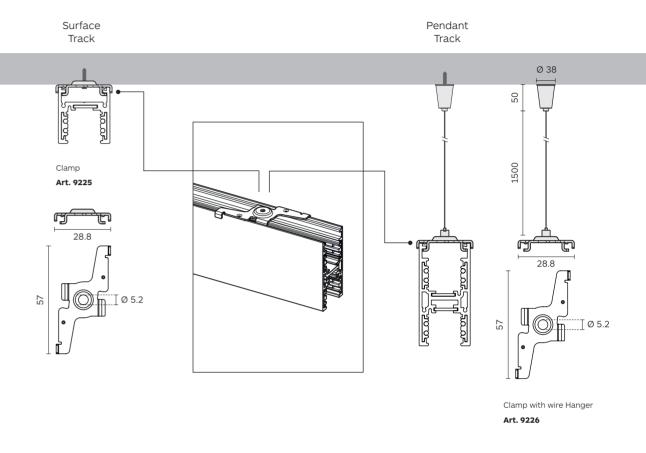


Compatibility

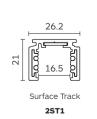
	(1	ACCORDING TO THE PERSON OF THE	AND SECTION AND SE	FACAS CONTROL STATES OF THE ST	VADAR CONTROL OF THE STATE OF T				
Track Options/	Surface Track	Surface Track Pendant Track	Surface Track Pendant Track	Pendant Track	Pendant Track	Recessed Track Trim	Recessed Track Trimless	Recessed Track Trimless	Recessed Track Trimless
Product name	2ST1	2ST6	2ST2	2ST7 Up & Down	2ST9 Up & Down	2ST8	2ST3	2ST5	2STA
Polaris 20 & Polaris 20 Wallwasher Low Voltage	V	V	V	V	V	~	V	~	~
Polaris 20 Opal Diffuser Low Voltage	~	V	V	V		V	V	~	~
Polaris 20 Extended Arm Low Voltage	~	~	V	V	V	V	V	~	~
Zero 40 / 66 / 100 Low Voltage	~	~		<u> </u>		V	~		
Zero Zoom 80 Low Voltage	~	~		V	V	V	~		
Ola 55 / 100 / 130 Low Voltage	V	V		V		V	V		
Ola Zoom 100 Low Voltage	V	~		V		V	V		
Dado Low Voltage	V	V		V		V	V		
Rolo Low Voltage	~	~		~		V	V		
Conos 68 Low Voltage	~	~	V	V	V	V	V	~	~
Polaris 20 & Polaris 20 Opal Diffuser Low Voltage Pendant	V	V	V	V	V	V	V	~	~
Pixo 25 & 36 Low Voltage Pendant	V	V	V	V	V	V	V	~	~
Pixo Zoom 82 Low Voltage Pendant	V	V	V	~	~	V	V	~	~
Palla 70 & 100 Low Voltage Pendant	V	V	V	V	V	V	V	V	~

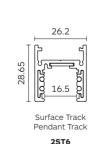
Accessories

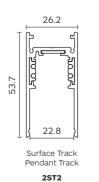


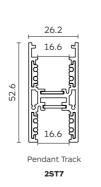


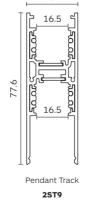
Low Voltage Track

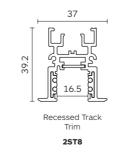


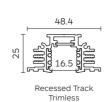


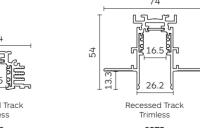


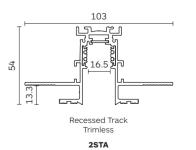


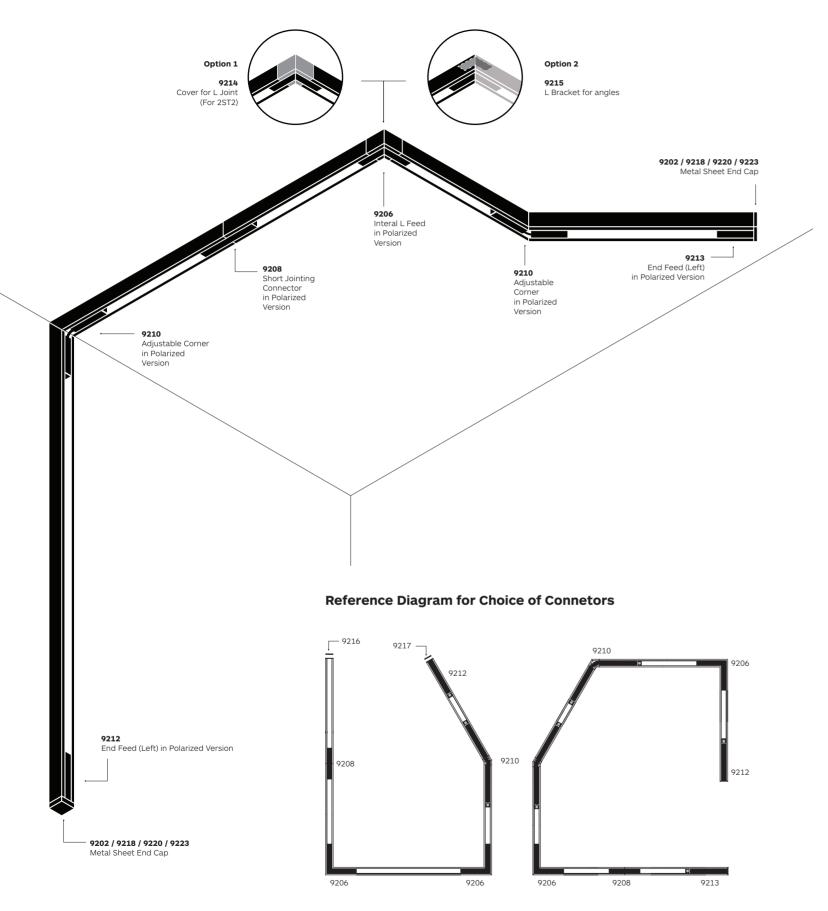




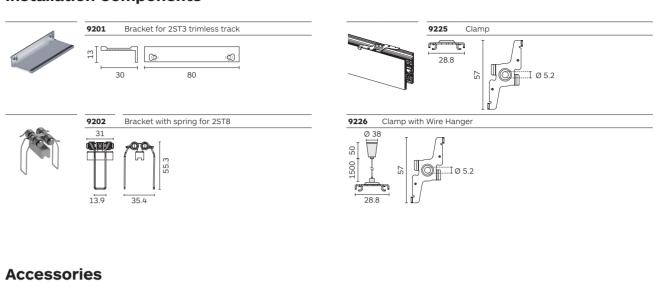


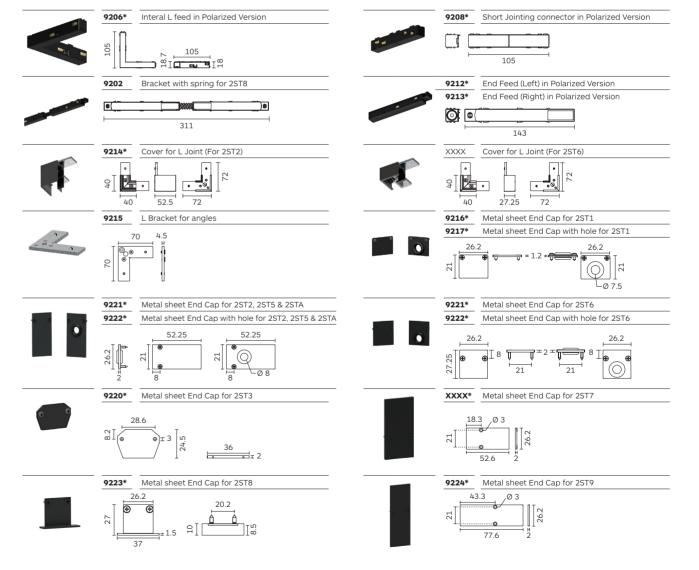






Installation Components





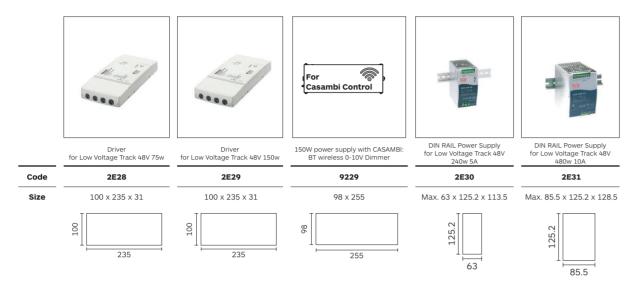
Notes:

* Available in colours 10, 11

43

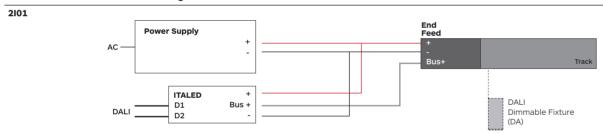
Driver Options

Power Supply

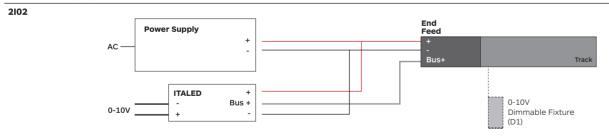


Dimming Option

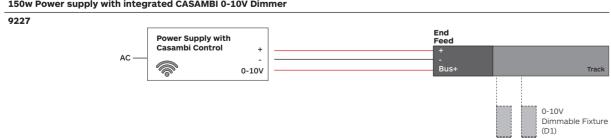
ITALED DALI Controller for Low Voltage Track 48V



ITALED 0-10V (Isolated) Controller for Low Voltage Track 48V



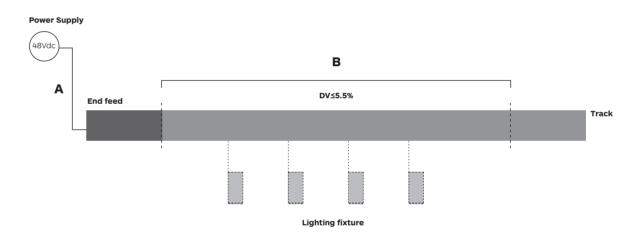
150w Power supply with integrated CASAMBI 0-10V Dimmer



Drop Voltage Table

	A Di	stance power supply/feed unit	(2x1.5mm²)	
	5m	10m	20m	30m
Power Supply	Вт	ack Length with ∆v≤5.5% (m)		
(W)	(m)	(m)	(m)	(m)
60	50	50	50	50
100	50	50	40	25
150	50	40	20	Not admitted
200	40	30	Not admitted	Not admitted
250	35	20	Not admitted	Not admitted

Information refers to a load equivalent to the power supplied and equally distributed on the relevant lenght in the table.



Symbols & Icons Code system Global presence

Symbols & Icons

The CE mark signifies that a product conforms with the relevant ECC directives requirements. The CE marking is compulsory to indicate LVD and EMC conformity.

The CE mark is also a self certification that the manufacter claims that the product is safe. The value of such claim is directly related to thecase of FormaLighting: All products are designed, developed, manufactured under the scope of ISO 9001 quality systems.



All formaLighting products are tested in Europe and certified by an independent laboratory that is registered and audited by an approved European testing authority.

Others third party product approvals

Our products include electrical and electronic components that carry other world wide Test House approvals such as those

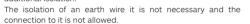


CLASS I	
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Luminaires of insulation Class I - with earth connector.



Luminaires of insulation Class II - With safety isolation, this means the tension conductions element are protected by additional isolation.





CLASS III

Luminaires of isolation Class III - designed for operation of protected low voltage supply (>42V).



Passes the 850C glow wire test in accordance with ICE 695-2-1. Passes the 960C glow wire test in accordance with ICE 695-2-1.



Degree of Ingress Protection*



Dim2Warm Tuneable White



3

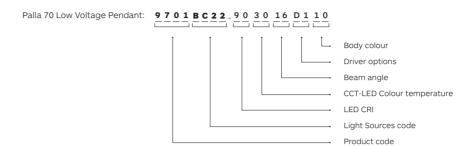
Recyclable

IP__ Degree of Ingress Protection

1st Number	Protection Against Dust and Solid Objects	2nd Number	Protection Against Moisture and Liquids
0	No-Protection	0	No-Protection
1	Protection agains solid objects >50 mm	1	Protection against dripping water
2	Protection agains solid objects >12 mm	2	Protection against dripping water tilted > 15 deg
3	Protection agains solid objects >2.5 mm	3	Protection against spraying water > 30 deg
4	Protection agains solid objects >1 mm	4	Protection against spraying water
5	Dust - protected	5	Protection against water jet
6	Dust - tight	6	Protection against waves
		7	Protection against the effects of immersion
		8	Protection against submersion

Code system

Code ordering examples:



LED CRI		Driver Options	
90	CRI > 90	D0 No dimming	
97	CRI > 97	DA Dali Dim	
		DC CASAMBI	
		D1 0-10V Dim	

ver	Options	Body (Colour
	No dimming	10	Black (RAL 9004)
	Dali Dim	11	White (RAL 9003)
	CASAMBI	*17	Black (RAL 9004) / White (RAL 9003) (B&W)
	0-10V Dim	75	Grev (RAL 9006)

re			

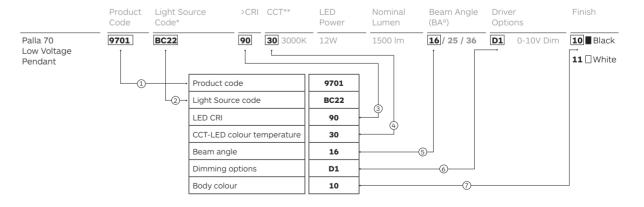
*17: white light body with black integrated louvre. For black body with white integrated louvre consult us.

Notes:

CCT-LED Colour temperatur

27	Warm White 2700K
30	Warm White 3000K
35	Warm White 3500K
40	Neutral White 4000K
TW	Tuneable White 2700K - 6500K

How to order



All dimensions in the catalogue in mm

Global presence

Celebrating 50 years of vision, dedication and innovation, Formalighting's versatile and high-quality product offerings extends internationally via our headquarters in Hong Kong, London, Milan, Shanghai and the USA.

Our well chosen and selected partners as well as our affiliated international offices broaden our global presence further in markets such as Australia, Japan, South East Asia, India and the Middle East.

Through our commitment to growth and investment within formalighting's professional team, infrastructure and product ranges, we are able to provide increasing service to our global retail and hospitality clients as well as lighting designers and specifiers strengthening our position as a leading international supplier of innovative architectural lighting solutions and systems.

With 50 years' experience in designing and manufacturing architectural lighting, formalighting's comprehensive portfolio offers a competitive range of European designed and expertly engineered products that carry CB, CE, CCC and UL certifications.

Furthermore formalighting's latest award-winning motorized range of track, pendant, and recessed fixtures, featuring remote-controlled adjustable pan and tilt, dim, dim to warm, tuneable white and beam shaping lens, are available worldwide incorporating the latest, most advanced lighting technologies.

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Publication date: February 2020 ©Copyright formalighting

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