

# SOLO 16 PLUS 48V DC TRACK

13° VERY NARROW BEAM

STATIC WHITE

## OVERVIEW

Solo 16 Plus 48V DC Track is a Constant Voltage single source LED spotlight that is machined from aerospace grade aluminium 6063-T6 and comes as standard in white, black and brushed aluminium along with three premium brass finishes. It has five site-changeable optics for flexible beam distribution and 360° lockable pan and 90° constant torque tilt. The very narrow beam in our 14.02W 1200lm module has a peak intensity of 16929cd. An accessory holder is available separately that can accommodate 55mm (2.16") lenses and louvers. This product mounts to the 48V DC Stucchi Multisystem Evo Track and requires an external 48V Constant Voltage LED power supply to the track.



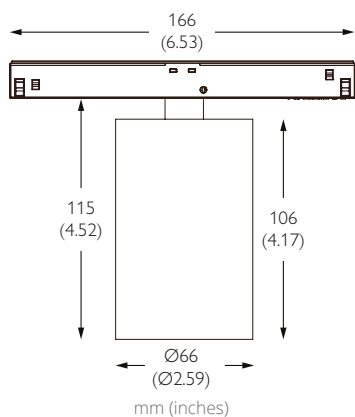
- UK PART L**
- Part L1A / L1B (Dwellings) ●
  - Part L2A (General)
  - Part L2A (Display) ●



## PERFORMANCE

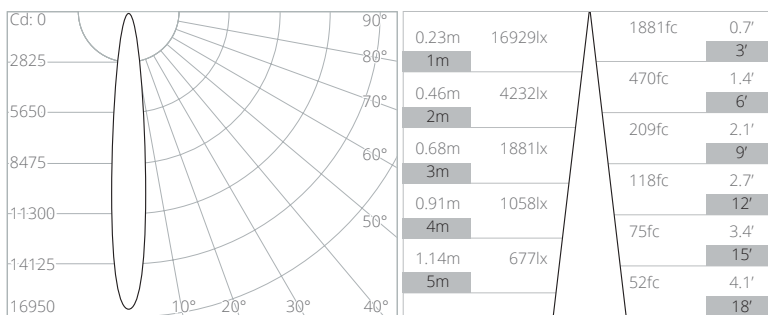
FWHM	13°	Category	IP20
Luminous Flux	1127 lm	Material	Machined AL 6063-T6   Machined Brass
Peak Intensity	16929 cd	Finishes	Brushed Aluminium   Black RAL9005   White RAL9016   Rubbed Bronze*   Polished Brass*   Brushed Brass*
CCT	2400K   2700K   3000K   3500K   4000K	Weight	395g 570g*   0.87lb 1.25lb*
CRI Min.	92: 2400K   98: 2700K/3000K/3500K   95: 4000K	Mounting	48V Track Recessed   Trimless Recessed   Surface   Suspended
Drive Current	292 mA	Movement	Pan 360°   Tilt 90°
Nom. Voltage	48 V	Lockable	Pan
Max. Wattage	14.02 W	Accessories	Separate   Lenses   Louver 55mm (2.16")
Dimming	0-10V   Local Dim   Casambi   DALI	TM65   TM66	17.52kgCO2e   2.4
Driver Type	Constant Voltage   Remote AC to 48VDC	Lifetime	L90B10 50,000hrs   5 year warranty
Class	SELV   Class III		

## DIMENSIONS



## PHOTOMETRY

CCT	Multiplier
2400K	x0.97
2700K	x0.93
3000K	x1.00
3500K	x1.05
4000K	x1.05



Data at 3000K

## ORDER CODE

Model	Track Finish	Luminaire Finish	CCT	Beam Angle	Dimming Control
1052C	-	-	-	-	-
	T White RAL 9016	T White RAL 9016	2490 2400K 90CRI	VN Very Narrow 13°	A 0-10V
	B Black RAL 9005	B Black RAL 9005	2798 2700K 98CRI	NA Narrow 15°	L Local Dim
		A Brushed Aluminium	3098 3000K 98CRI	ME Medium 25°	C Casambi
		R Rubbed Bronze*	3598 3500K 98CRI	WD Wide 40°	D DALI
		P Polished Brass*	4095 4000K 95CRI	VW Very Wide 50°	
		S Brushed Brass*			

Example Code: 1052C-TT-2798VN-D

\*Premium & custom finishes are built to order, subject to an extended lead time & MOQ  
See Drivers, Power Supplies and Accessories sections for further order codes

# SOLO 16 PLUS 48V DC TRACK

15° NARROW BEAM

STATIC WHITE

## OVERVIEW

Solo 16 Plus 48V DC Track is a Constant Voltage single source LED spotlight that is machined from aerospace grade aluminium 6063-T6 and comes as standard in white, black and brushed aluminium along with three premium brass finishes. It has five site-changeable optics for flexible beam distribution and 360° lockable pan and 90° constant torque tilt. The narrow beam in our 14.02W 1200lm module has a peak intensity of 14173cd. An accessory holder is available separately that can accommodate 55mm (2.16") lenses and louvers. This product mounts to the 48V DC Stucchi Multisystem Evo Track and requires an external 48V Constant Voltage LED power supply to the track.



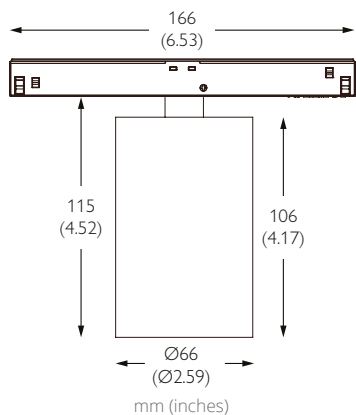
- UK PART L**
- Part L1A / L1B (Dwellings) ●
  - Part L2A (General)
  - Part L2A (Display) ●



## PERFORMANCE

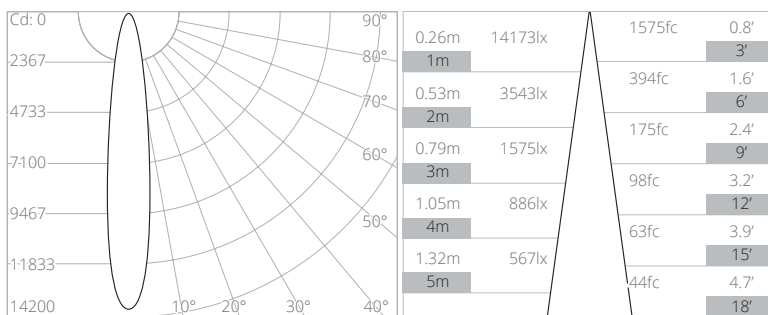
FWHM	15°	Category	IP20
Luminous Flux	1104 lm	Material	Machined AL 6063-T6   Machined Brass
Peak Intensity	14173 cd	Finishes	Brushed Aluminium   Black RAL9005   White RAL9016   Rubbed Bronze*   Polished Brass*   Brushed Brass*
CCT	2400K   2700K   3000K   3500K   4000K	Weight	395g 570g*   0.87lb 1.25lb*
CRI Min.	92: 2400K   98: 2700K/3000K/3500K   95: 4000K	Mounting	48V Track Recessed   Trimless Recessed   Surface   Suspended
Drive Current	292 mA	Movement	Pan 360°   Tilt 90°
Nom. Voltage	48 V	Lockable	Pan
Max. Wattage	14.02 W	Accessories	Separate   Lenses   Louver 55mm (2.16")
Dimming	0-10V   Local Dim   Casambi   DALI	TM65   TM66	17.52kgCO2e   2.4
Driver Type	Constant Voltage   Remote AC to 48VDC	Lifetime	L90B10 50,000hrs   5 year warranty
Class	SELV   Class III		

## DIMENSIONS



## PHOTOMETRY

CCT	Multiplier
2400K	x0.97
2700K	x0.93
3000K	x1.00
3500K	x1.05
4000K	x1.05



Data at 3000K

## ORDER CODE

Model	Track Finish	Luminaire Finish	CCT	Beam Angle	Dimming Control
1052C	-	-	-	-	-
	T White RAL 9016	T White RAL 9016	2490 2400K 90CRI	VN Very Narrow 13°	A 0-10V
	B Black RAL 9005	B Black RAL 9005	2798 2700K 98CRI	NA Narrow 15°	L Local Dim
		A Brushed Aluminium	3098 3000K 98CRI	ME Medium 25°	C Casambi
		R Rubbed Bronze*	3598 3500K 98CRI	WD Wide 40°	D DALI
		P Polished Brass*	4095 4000K 95CRI	VW Very Wide 50°	
		S Brushed Brass*			

Example Code: 1052C-TT-2798NA-D

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See Drivers, Power Supplies and Accessories sections for further order codes

# SOLO 16 PLUS 48V DC TRACK

25° MEDIUM BEAM

STATIC WHITE

## OVERVIEW

Solo 16 Plus 48V DC Track is a Constant Voltage single source LED spotlight that is machined from aerospace grade aluminium 6063-T6 and comes as standard in white, black and brushed aluminium along with three premium brass finishes. It has five site-changeable optics for flexible beam distribution and 360° lockable pan and 90° constant torque tilt. The medium beam in our 14.02W 1200lm module has a peak intensity of 5149cd. An accessory holder is available separately that can accommodate 55mm (2.16") lenses and louvers. This product mounts to the 48V DC Stucchi Multisystem Evo Track and requires an external 48V Constant Voltage LED power supply to the track.



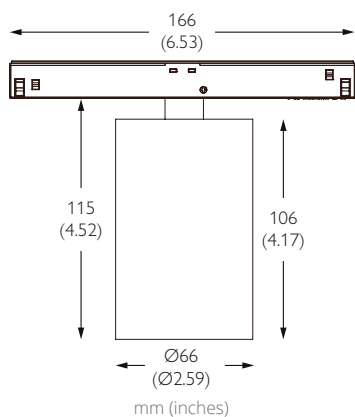
- UK PART L**
- Part L1A / L1B (Dwellings) ●
  - Part L2A (General)
  - Part L2A (Display) ●



## PERFORMANCE

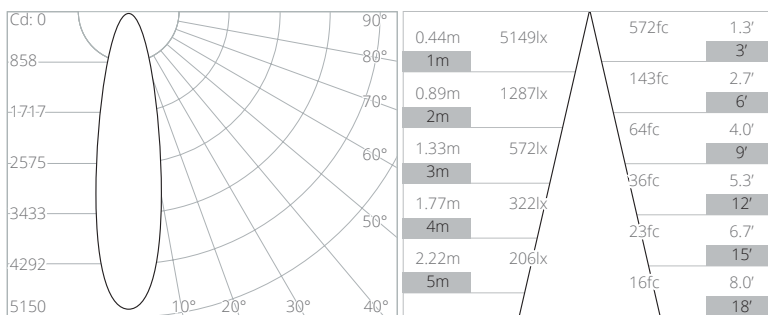
FWHM	25°	Category	IP20
Luminous Flux	1072 lm	Material	Machined AL 6063-T6   Machined Brass
Peak Intensity	5149 cd	Finishes	Brushed Aluminium   Black RAL9005   White RAL9016   Rubbed Bronze*   Polished Brass*   Brushed Brass*
CCT	2400K   2700K   3000K   3500K   4000K	Weight	395g 570g*   0.87lb 1.25lb*
CRI Min.	92: 2400K   98: 2700K/3000K/3500K   95: 4000K	Mounting	48V Track Recessed   Trimless Recessed   Surface   Suspended
Drive Current	292 mA	Movement	Pan 360°   Tilt 90°
Nom. Voltage	48 V	Lockable	Pan
Max. Wattage	14.02 W	Accessories	Separate   Lenses   Louver 55mm (2.16")
Dimming	0-10V   Local Dim   Casambi   DALI	TM65   TM66	17.52kgCO2e   2.4
Driver Type	Constant Voltage   Remote AC to 48VDC	Lifetime	L90B10 50,000hrs   5 year warranty
Class	SELV   Class III		

## DIMENSIONS



## PHOTOMETRY

CCT	Multiplier
2400K	x0.97
2700K	x0.93
3000K	x1.00
3500K	x1.05
4000K	x1.05



Data at 3000K

## ORDER CODE

Model	Track Finish	Luminaire Finish	CCT	Beam Angle	Dimming Control
1052C	-	-	-	-	-
	T White RAL 9016	T White RAL 9016	2490 2400K 90CRI	VN Very Narrow 13°	A 0-10V
	B Black RAL 9005	B Black RAL 9005	2798 2700K 98CRI	NA Narrow 15°	L Local Dim
		A Brushed Aluminium	3098 3000K 98CRI	ME Medium 25°	C Casambi
		R Rubbed Bronze*	3598 3500K 98CRI	WD Wide 40°	D DALI
		P Polished Brass*	4095 4000K 95CRI	VW Very Wide 50°	
		S Brushed Brass*			

Example Code: 1052C-TT-2798ME-D

\*Premium & custom finishes are built to order, subject to an extended lead time & MOQ  
See Drivers, Power Supplies and Accessories sections for further order codes

# SOLO 16 PLUS 48V DC TRACK

40° WIDE BEAM

STATIC WHITE

## OVERVIEW

Solo 16 Plus 48V DC Track is a Constant Voltage single source LED spotlight that is machined from aerospace grade aluminium 6063-T6 and comes as standard in white, black and brushed aluminium along with three premium brass finishes. It has five site-changeable optics for flexible beam distribution and 360° lockable pan and 90° constant torque tilt. The wide beam in our 14.02W 1200lm module has a peak intensity of 2358cd. An accessory holder is available separately that can accommodate 55mm (2.16") lenses and louvers. This product mounts to the 48V DC Stucchi Multisystem Evo Track and requires an external 48V Constant Voltage LED power supply to the track.



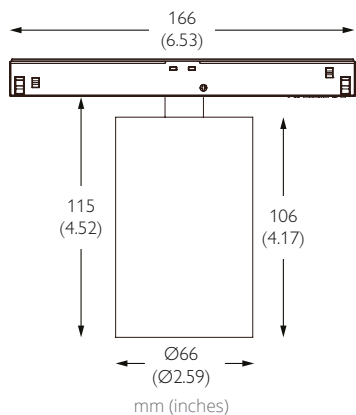
- UK PART L**
- Part L1A / L1B (Dwellings) ●
  - Part L2A (General)
  - Part L2A (Display) ●



## PERFORMANCE

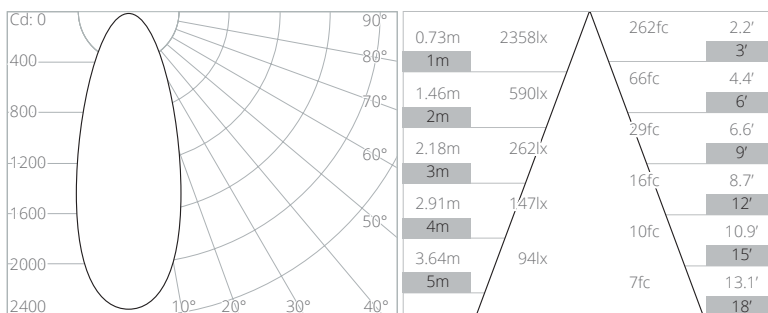
FWHM	40°	Category	IP20
Luminous Flux	987 lm	Material	Machined AL 6063-T6   Machined Brass
Peak Intensity	2358 cd	Finishes	Brushed Aluminium   Black RAL9005   White RAL9016   Rubbed Bronze*   Polished Brass*   Brushed Brass*
CCT	2400K   2700K   3000K   3500K   4000K	Weight	395g 570g*   0.87lb 1.25lb*
CRI Min.	92: 2400K   98: 2700K/3000K/3500K   95: 4000K	Mounting	48V Track Recessed   Trimless Recessed   Surface   Suspended
Drive Current	292 mA	Movement	Pan 360°   Tilt 90°
Nom. Voltage	48 V	Lockable	Pan
Max. Wattage	14.02 W	Accessories	Separate   Lenses   Louver 55mm (2.16")
Dimming	0-10V   Local Dim   Casambi   DALI	TM65   TM66	17.52kgCO2e   2.4
Driver Type	Constant Voltage   Remote AC to 48VDC	Lifetime	L90B10 50,000hrs   5 year warranty
Class	SELV   Class III		

## DIMENSIONS



## PHOTOMETRY

CCT	Multiplier
2400K	x0.97
2700K	x0.93
3000K	x1.00
3500K	x1.05
4000K	x1.05



Data at 3000K

## ORDER CODE

Model	Track Finish	Luminaire Finish	CCT	Beam Angle	Dimming Control
1052C	-	-	-	-	-
	T White RAL 9016	T White RAL 9016	2490 2400K 90CRI	VN Very Narrow 13°	A 0-10V
	B Black RAL 9005	B Black RAL 9005	2798 2700K 98CRI	NA Narrow 15°	L Local Dim
		A Brushed Aluminium	3098 3000K 98CRI	ME Medium 25°	C Casambi
		R Rubbed Bronze*	3598 3500K 98CRI	WD Wide 40°	D DALI
		P Polished Brass*	4095 4000K 95CRI	VW Very Wide 50°	
		S Brushed Brass*			

Example Code: 1052C-TT-2798WD-D

\*Premium & custom finishes are built to order, subject to an extended lead time & MOQ  
See Drivers, Power Supplies and Accessories sections for further order codes

# SOLO 16 PLUS 48V DC TRACK

50° VERY WIDE BEAM

STATIC WHITE

## OVERVIEW

Solo 16 Plus 48V DC Track is a Constant Voltage single source LED spotlight that is machined from aerospace grade aluminium 6063-T6 and comes as standard in white, black and brushed aluminium along with three premium brass finishes. It has five site-changeable optics for flexible beam distribution and 360° lockable pan and 90° constant torque tilt. The very wide beam in our 14.02W 1200lm module has a peak intensity of 1545cd. An accessory holder is available separately that can accommodate 55mm (2.16") lenses and louvers. This product mounts to the 48V DC Stucchi Multisystem Evo Track and requires an external 48V Constant Voltage LED power supply to the track.



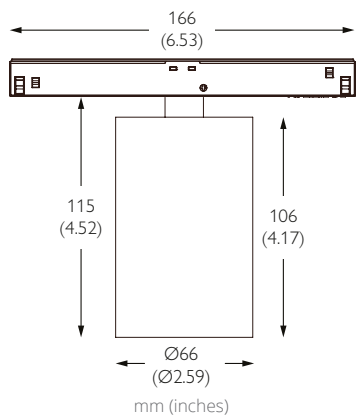
- UK PART L**
- Part L1A / L1B (Dwellings) ●
  - Part L2A (General)
  - Part L2A (Display) ●



## PERFORMANCE

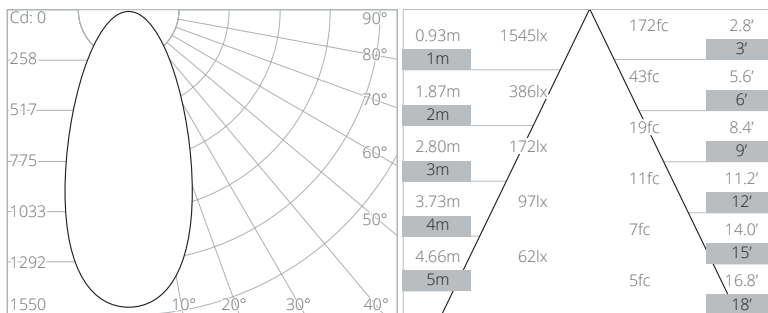
FWHM	50°	Category	IP20
Luminous Flux	979 lm	Material	Machined AL 6063-T6   Machined Brass
Peak Intensity	1545 cd	Finishes	Brushed Aluminium   Black RAL9005   White RAL9016   Rubbed Bronze*   Polished Brass*   Brushed Brass*
CCT	2400K   2700K   3000K   3500K   4000K	Weight	395g 570g*   0.87lb 1.25lb*
CRI Min.	92: 2400K   98: 2700K/3000K/3500K   95: 4000K	Mounting	48V Track Recessed   Trimless Recessed   Surface   Suspended
Drive Current	292 mA	Movement	Pan 360°   Tilt 90°
Nom. Voltage	48 V	Lockable	Pan
Max. Wattage	14.02 W	Accessories	Separate   Lenses   Louver 55mm (2.16")
Dimming	0-10V   Local Dim   Casambi   DALI	TM65   TM66	17.52kgCO2e   2.4
Driver Type	Constant Voltage   Remote AC to 48VDC	Lifetime	L90B10 50,000hrs   5 year warranty
Class	SELV   Class III		

## DIMENSIONS



## PHOTOMETRY

CCT	Multiplier
2400K	x0.97
2700K	x0.93
3000K	x1.00
3500K	x1.05
4000K	x1.05



Data at 3000K

## ORDER CODE

Model	Track Finish	Luminaire Finish	CCT	Beam Angle	Dimming Control
1052C	-	-	-	-	-
	T White RAL 9016	T White RAL 9016	2490 2400K 90CRI	VN Very Narrow 13°	A 0-10V
	B Black RAL 9005	B Black RAL 9005	2798 2700K 98CRI	NA Narrow 15°	L Local Dim
		A Brushed Aluminium	3098 3000K 98CRI	ME Medium 25°	C Casambi
		R Rubbed Bronze*	3598 3500K 98CRI	WD Wide 40°	D DALI
		P Polished Brass*	4095 4000K 95CRI	VW Very Wide 50°	
		S Brushed Brass*			

Example Code: 1052C-TT-2798VW-D

\*Premium & custom finishes are built to order, subject to an extended lead time & MOQ  
See Drivers, Power Supplies and Accessories sections for further order codes

# SOLO 16 PLUS 48V DC TRACK

precision  
by luminii

DRIVER COMPATIBILITY

STATIC WHITE

## DRIVERS

### 60W | DIMMING DIRECT TO TRACK

**NO. OF LIGHTS PER DRIVER** 1 to 3  
**MIN DIM LEVEL** N/A Dimming direct to track  
**VOLTAGE REGION** 230V  
**FOR NORTH AMERICA** No  
**WATTAGE** 60W  
**OUTPUT VOLTAGE** 48V  
**SUPPLY TYPE** Constant Voltage  
**DRIVER LOCATION** Remote



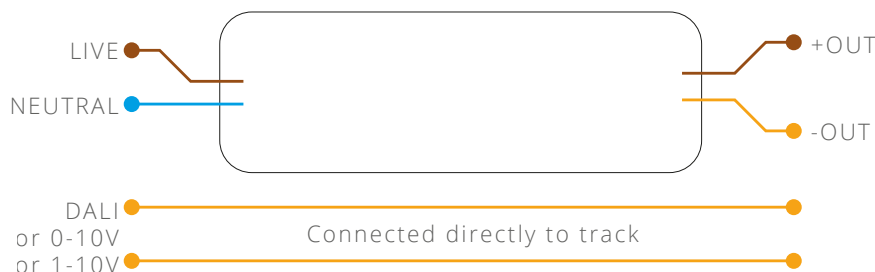
**ORDER CODE** PSCV-60-48-N1-MW

**LENGTH** 162mm (6.38") **WIDTH** 42mm (1.65") **HEIGHT** 32mm (1.23")



### 100W | DIMMING DIRECT TO TRACK

**NO. OF LIGHTS PER DRIVER** 1 to 6  
**MIN DIM LEVEL** N/A Dimming direct to track  
**VOLTAGE REGION** 230V  
**FOR NORTH AMERICA** No  
**WATTAGE** 100W  
**OUTPUT VOLTAGE** 48V  
**SUPPLY TYPE** Constant Voltage  
**DRIVER LOCATION** Remote



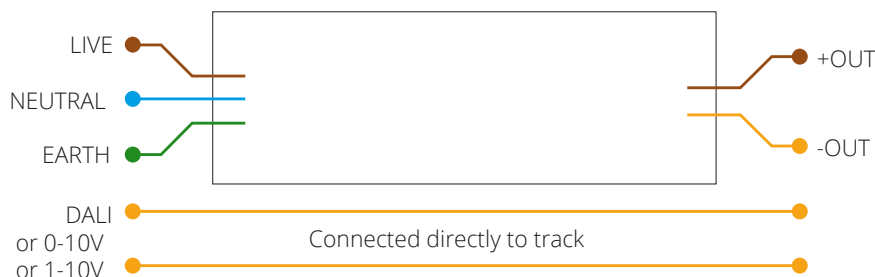
**ORDER CODE** PSCV-100-48-N1-MW

**LENGTH** 190mm (7.48") **WIDTH** 52mm (2.04") **HEIGHT** 37mm (1.46")



### 96W | DIMMING DIRECT TO TRACK

**NO. OF LIGHTS PER DRIVER** 1 to 6  
**MIN DIM LEVEL** N/A Dimming direct to track  
**VOLTAGE REGION** 120V & 277V  
**FOR NORTH AMERICA** Yes  
**WATTAGE** 96W  
**OUTPUT VOLTAGE** 48V  
**SUPPLY TYPE** Constant Voltage  
**DRIVER LOCATION** Remote



**ORDER CODE** USCV-96-48-N1-SC-EN

**LENGTH** 220mm (8.66") **WIDTH** 95mm (3.74") **HEIGHT** 40mm (1.57")

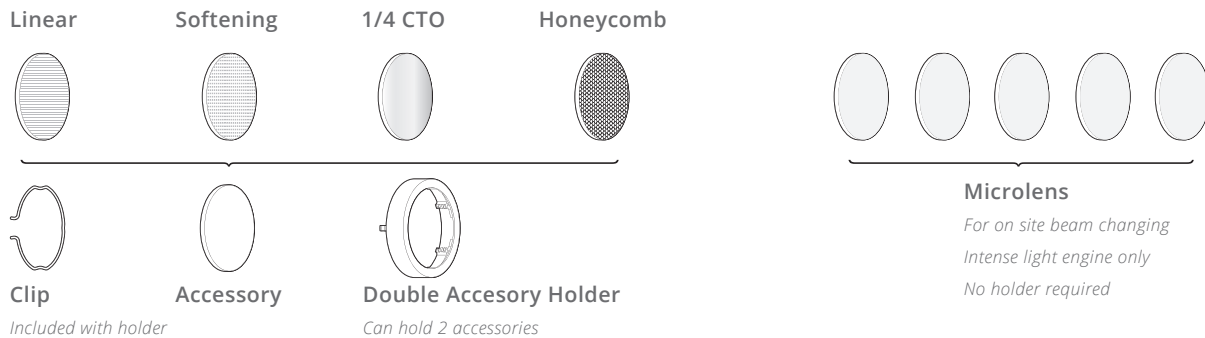


# SOLO 16 SERIES SPOTLIGHT ACCESSORIES

FOR USE WITH SOLO 16 INTENSE | PLUS | WARM DIM | TUNABLE WHITE

## ACCESSORIES

The Solo 16 series track and surface spotlights can accommodate accessories with a snap in accessory holder.



### Double Accessory Holder

Can hold 2 accessories

HEIGHT 14mm (0.551")  
DAIMETER 63mm (2.480")

PART CODE 254-BK

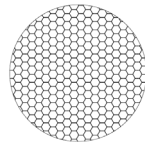


### Honeycomb Louvre

Enhances glare control

THICKNESS 3.2mm (0.126")  
DAIMETER 55mm (2.165")

PART CODE 995-55-BK



### 1/4 CTO Dichroic

CCT warming - approx 300K

THICKNESS 1.8mm (0.071")  
DAIMETER 55mm (2.165")

PART CODE 997-1/4CTO-55

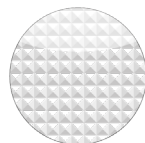


### Softening Lens

Heavy Diffusion of beam

THICKNESS 3.2mm (0.126")  
DAIMETER 55mm (2.165")

PART CODE 991-55



### Linear Lens

Elongates beam

THICKNESS 3.9mm (0.154")  
DAIMETER 55mm (2.165")

PART CODE 992-55



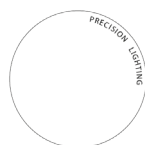
## OPTICS

### Microlens - Intense Light Engine Only

For on site beam angle changes. No holder required.

THICKNESS 1.0mm (0.039")  
DAIMETER 49.5mm (1.949")

PART CODE 931-01 Ultra Narrow  
931-02 Narrow  
931-03 Medium  
931-04 Flood  
931-05 Wide Flood



### Primary Optic

Primary beam angle control

	<b>PLUS</b>	<b>WARM DIM   TUNABLE WHITE</b>
<b>V NARROW CODE</b>	C16686-ILONA-RS	
<b>NARROW CODE</b>	C16731-ILONA-SS	C16731-ILONA-SS
<b>MEDIUM CODE</b>	C16687-ILONA-M	C16687-ILONA-M
<b>WIDE CODE</b>	C16688-ILONA-W	C16688-ILONA-W
<b>VERY WIDE CODE</b>	C17434-ILONA-WW	C17434-ILONA-WW

