

SOLO 16 PLUS SURFACE

13° VERY NARROW BEAM

STATIC WHITE



OVERVIEW

Solo 16 Plus Surface is a Constant Current 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 12.60W 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 requires an external 700mA 18V Constant Current LED driver.

UK PART L

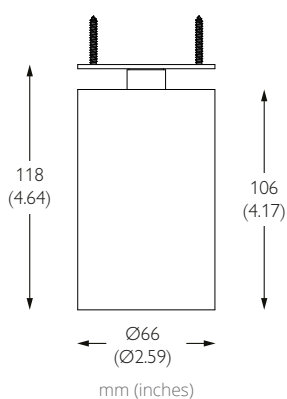
- Part L1A / L1B (Dwellings) ●
- Part L2A (General)
- Part L2A (Display) ●



PERFORMANCE

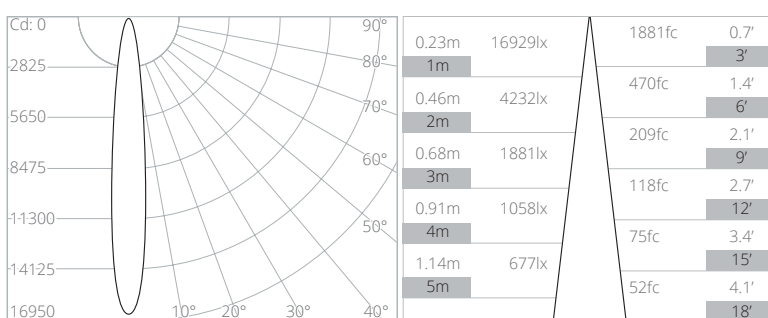
FWHM	13°	Category	IP20
Luminous Flux	1127 lm	Material	Machined AL 6063-T6 Machined Brass
Peak Intensity	16929 cd	Finishes	Brushed Aluminium White RAL9010 Black RAL9005 Rubbed Bronze* Polished Brass* Brushed Brass *
CCT	2400K 2700K 3000K 3500K 4000K	Weight	350g 0.77lb
CRI Min.	92: 2400K 98: 2700K/3000K/3500K 95: 4000K	Mounting	Surface mounting plate
Drive Current	700 mA	Movement	Pan 360° Tilt 90°
Nom. Voltage	18 V	Lockable	Pan
Max. Wattage	12.60 W	Accessories	Separate Lenses Louver 55mm (2.16")
Dimming	0-10V DALI	TM65 TM66	16.05kgCO2e 2.4
Driver Type	Constant Current Remote	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	Finish	CCT	Beam Angle
1051C	-	-	-
	WH White RAL 9010	2490 2400K 90CRI	VN Very Narrow 13°
	BK Black RAL 9005	2798 2700K 98CRI	NA Narrow 15°
	AL Brushed Aluminium	3098 3000K 98CRI	ME Medium 25°
	RB Rubbed Bronze	3598 3500K 98CRI	WD Wide 40°
	PB Polished Brass	4095 4000K 95CRI	VW Very Wide 50°
	SB Brushed Brass		

Example Code: **1051C-WH-2798VN**

*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 SURFACE

15° NARROW BEAM

STATIC WHITE



OVERVIEW

Solo 16 Plus Surface is a Constant Current 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 12.60W 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 requires an external 700mA 18V Constant Current LED driver.

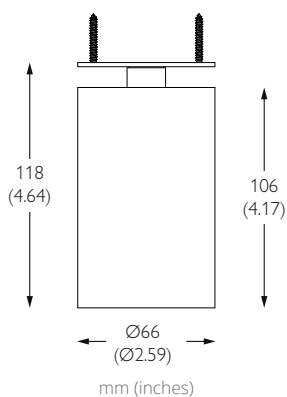
- UK PART L**
- Part L1A/ L1B (Dwellings) ●
 - Part L2A (General)
 - Part L2A (Display) ●



PERFORMANCE

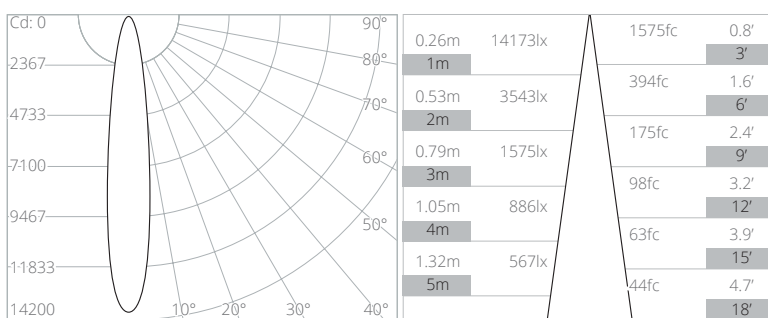
FWHM	15°	Category	IP20
Luminous Flux	1104 lm	Material	Machined AL 6063-T6 Machined Brass
Peak Intensity	14173 cd	Finishes	Brushed Aluminium White RAL9010 Black RAL9005 Rubbed Bronze* Polished Brass* Brushed Brass *
CCT	2400K 2700K 3000K 3500K 4000K	Weight	350g 0.77lb
CRI Min.	92: 2400K 98: 2700K/3000K/3500K 95: 4000K	Mounting	Surface mounting plate
Drive Current	700 mA	Movement	Pan 360° Tilt 90°
Nom. Voltage	18 V	Lockable	Pan
Max. Wattage	12.60 W	Accessories	Separate Lenses Louver 55mm (2.16")
Dimming	0-10V DALI	TM65 TM66	16.05kgCO2e 2.4
Driver Type	Constant Current Remote	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	Finish	CCT	Beam Angle
1051C	-	-	-
	WH White RAL 9010	2490 2400K 90CRI	VN Very Narrow 13°
	BK Black RAL 9005	2798 2700K 98CRI	NA Narrow 15°
	AL Brushed Aluminium	3098 3000K 98CRI	ME Medium 25°
	RB Rubbed Bronze	3598 3500K 98CRI	WD Wide 40°
	PB Polished Brass	4095 4000K 95CRI	VW Very Wide 50°
	SB Brushed Brass		

Example Code: **1051C-WH-2798NA**

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SOLO 16 PLUS SURFACE

25° MEDIUM BEAM

STATIC WHITE



OVERVIEW

Solo 16 Plus Surface is a Constant Current 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 12.60W 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 requires an external 700mA 18V Constant Current LED driver.

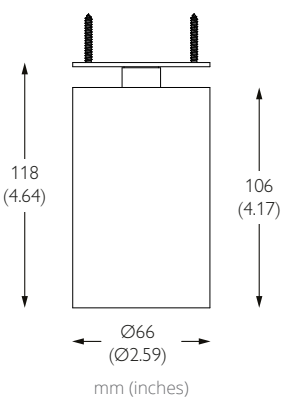
- UK PART L**
- Part L1A / L1B (Dwellings) ●
 - Part L2A (General)
 - Part L2A (Display) ●



PERFORMANCE

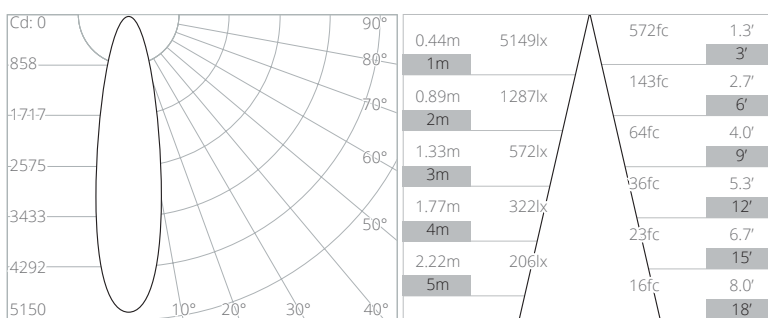
FWHM	25°	Category	IP20
Luminous Flux	1072 lm	Material	Machined AL 6063-T6 Machined Brass
Peak Intensity	5149 cd	Finishes	Brushed Aluminium White RAL9010 Black RAL9005 Rubbed Bronze* Polished Brass* Brushed Brass *
CCT	2400K 2700K 3000K 3500K 4000K	Weight	350g 0.77lb
CRI Min.	92: 2400K 98: 2700K/3000K/3500K 95: 4000K	Mounting	Surface mounting plate
Drive Current	700 mA	Movement	Pan 360° Tilt 90°
Nom. Voltage	18 V	Lockable	Pan
Max. Wattage	12.60 W	Accessories	Separate Lenses Louver 55mm (2.16")
Dimming	0-10V DALI	TM65 TM66	16.05kgCO2e 2.4
Driver Type	Constant Current Remote	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	Finish	CCT	Beam Angle
1051C	-	-	-
	WH White RAL 9010	2490 2400K 90CRI	VN Very Narrow 13°
	BK Black RAL 9005	2798 2700K 98CRI	NA Narrow 15°
	AL Brushed Aluminium	3098 3000K 98CRI	ME Medium 25°
	RB Rubbed Bronze	3598 3500K 98CRI	WD Wide 40°
	PB Polished Brass	4095 4000K 95CRI	VW Very Wide 50°
	SB Brushed Brass		

Example Code: **1051C-WH-2798ME**

*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 SURFACE

40° WIDE BEAM

STATIC WHITE



OVERVIEW

Solo 16 Plus Surface is a Constant Current 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 12.60W 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 requires an external 700mA 18V Constant Current LED driver.

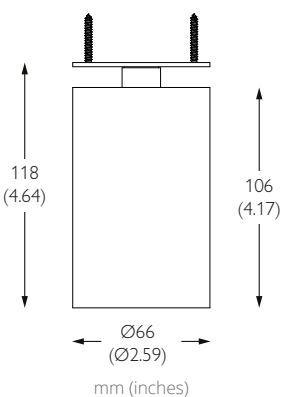
- UK PART L**
- Part L1A / L1B (Dwellings) ●
 - Part L2A (General)
 - Part L2A (Display) ●



PERFORMANCE

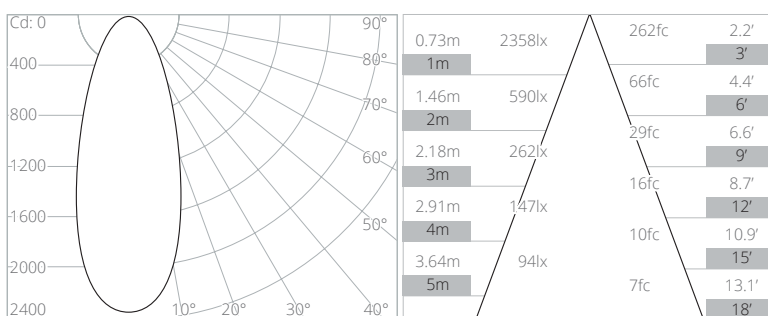
FWHM	40°	Category	IP20
Luminous Flux	987 lm	Material	Machined AL 6063-T6 Machined Brass
Peak Intensity	2358 cd	Finishes	Brushed Aluminium White RAL9010 Black RAL9005 Rubbed Bronze* Polished Brass* Brushed Brass *
CCT	2400K 2700K 3000K 3500K 4000K	Weight	350g 0.77lb
CRI Min.	92: 2400K 98: 2700K/3000K/3500K 95: 4000K	Mounting	Surface mounting plate
Drive Current	700 mA	Movement	Pan 360° Tilt 90°
Nom. Voltage	18 V	Lockable	Pan
Max. Wattage	12.60 W	Accessories	Separate Lenses Louver 55mm (2.16")
Dimming	0-10V DALI	TM65 TM66	16.05kgCO2e 2.4
Driver Type	Constant Current Remote	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	Finish	CCT	Beam Angle
1051C	-	-	-
	WH White RAL 9010	2490 2400K 90CRI	VN Very Narrow 13°
	BK Black RAL 9005	2798 2700K 98CRI	NA Narrow 15°
	AL Brushed Aluminium	3098 3000K 98CRI	ME Medium 25°
	RB Rubbed Bronze	3598 3500K 98CRI	WD Wide 40°
	PB Polished Brass	4095 4000K 95CRI	VW Very Wide 50°
	SB Brushed Brass		

Example Code: **1051C-WH-2798WD**

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

SOLO 16 PLUS SURFACE

50° VERY WIDE BEAM

STATIC WHITE



OVERVIEW

Solo 16 Plus Surface is a Constant Current 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 12.60W 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 requires an external 700mA 18V Constant Current LED driver.

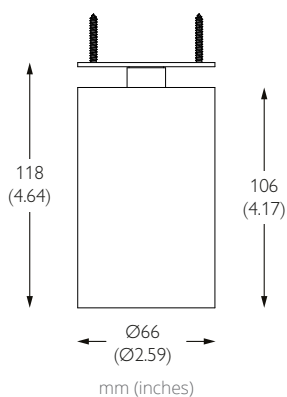
- UK PART L**
- Part L1A / L1B (Dwellings) ●
 - Part L2A (General)
 - Part L2A (Display) ●



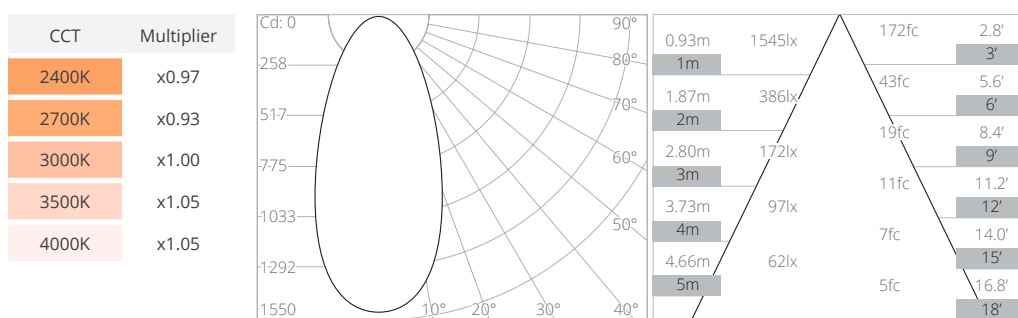
PERFORMANCE

FWHM	50°	Category	IP20
Luminous Flux	979 lm	Material	Machined AL 6063-T6 Machined Brass
Peak Intensity	1545 cd	Finishes	Brushed Aluminium White RAL9010 Black RAL9005 Rubbed Bronze* Polished Brass* Brushed Brass *
CCT	2400K 2700K 3000K 3500K 4000K	Weight	350g 0.77lb
CRI Min.	92: 2400K 98: 2700K/3000K/3500K 95: 4000K	Mounting	Surface mounting plate
Drive Current	700 mA	Movement	Pan 360° Tilt 90°
Nom. Voltage	18 V	Lockable	Pan
Max. Wattage	12.60 W	Accessories	Separate Lenses Louver 55mm (2.16")
Dimming	0-10V DALI	TM65 TM66	16.05kgCO2e 2.4
Driver Type	Constant Current Remote	Lifetime	L90B10 50,000hrs 5 year warranty
Class	SELV Class III		

DIMENSIONS



PHOTOMETRY



Data at 3000K

ORDER CODE

Model	Finish	CCT	Beam Angle
1051C	-	-	-
	WH White RAL 9010	2490 2400K 90CRI	VN Very Narrow 13°
	BK Black RAL 9005	2798 2700K 98CRI	NA Narrow 15°
	AL Brushed Aluminium	3098 3000K 98CRI	ME Medium 25°
	RB Rubbed Bronze	3598 3500K 98CRI	WD Wide 40°
	PB Polished Brass	4095 4000K 95CRI	VW Very Wide 50°
	SB Brushed Brass		

Example Code: 1051C-WH-2798VW

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SOLO 16 PLUS SURFACE

DRIVER COMPATIBILITY

STATIC WHITE

DRIVERS

20W | DIMMING: DALI OR 0-10V

NO. OF LIGHTS PER DRIVER 1

MIN DIM LEVEL 0.1%

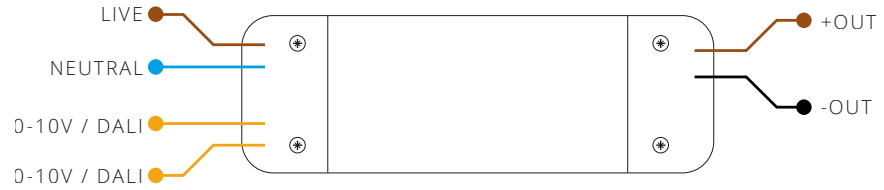
VOLTAGE REGION 230V

FOR NORTH AMERICA No

WATTAGE 20W

SUPPLY TYPE Constant Current

DRIVER LOCATION Remote



DALI CODE PSCC-20-700-D-EL

0-10V CODE PSCC-20-700-A-EL

LENGTH 160mm (6.30") WIDTH 41mm (1.63") HEIGHT 30mm (1.18")



30W | DIMMING: DALI OR 0-10V

NO. OF LIGHTS PER DRIVER 1 to 2 in series

MIN DIM LEVEL 0.1%

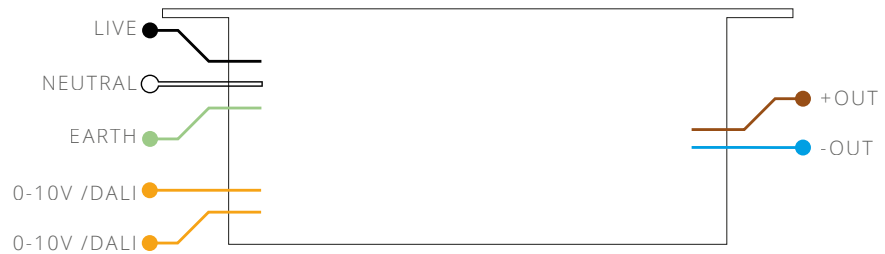
VOLTAGE REGION 120V

FOR NORTH AMERICA Yes

WATTAGE 30W

SUPPLY TYPE Constant Current

DRIVER LOCATION Remote



DALI CODE USCC-30-700-D-EL-ENC

0-10V CODE USCC-30-700-A-EL-ENC

LENGTH 348mm (13.7") WIDTH 65mm (2.6") HEIGHT 47mm (1.9")

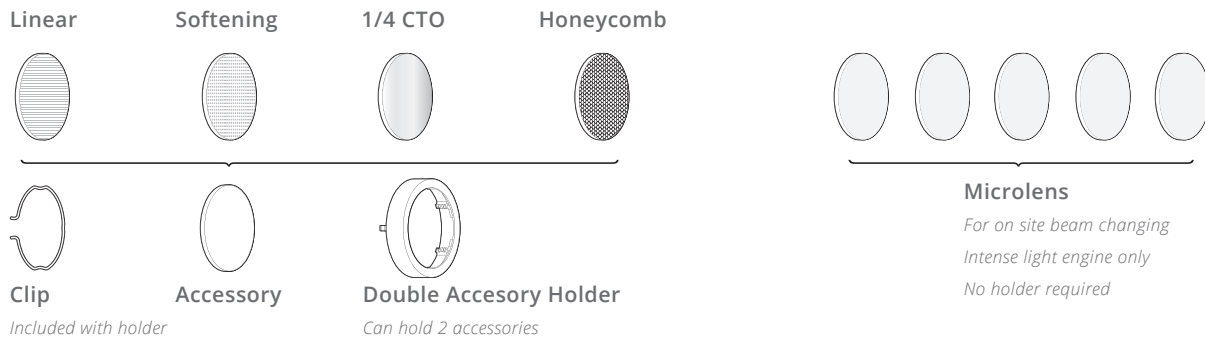


SOLO 16 SERIES SPOTLIGHT ACCESSORIES

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

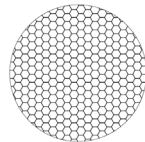


Honeycomb Louvre

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

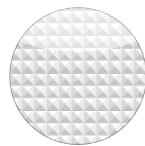


Softening Lens

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



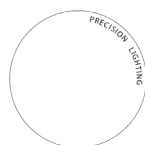
OPTICS

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

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

