

SOLO 16 SURFACE

6° ULTRA NARROW BEAM

STATIC WHITE



OVERVIEW

Solo 16 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 ultra narrow beam in our 8.40W 700lm module has a peak intensity of 28223cd. An accessory holder is available separately that can accommodate 55mm (2.16") lenses and louvers. This product requires an external 700mA 12V Constant Current LED driver.

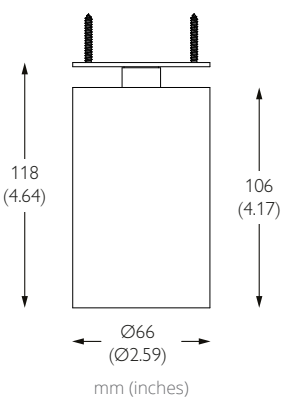
- UK PART L**
- Part L1A / L1B (Dwellings) ●
 - Part L2A (General)
 - Part L2A (Display) ●



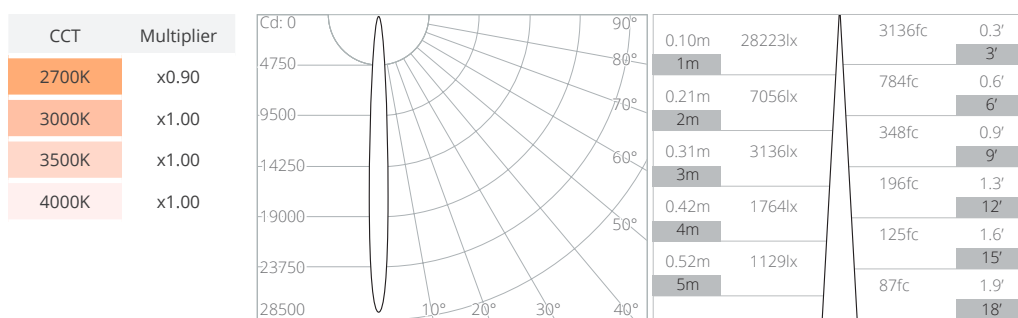
PERFORMANCE

FWHM	6°	Category	IP20
Luminous Flux	650 lm	Material	Machined AL 6063-T6 Machined Brass
Peak Intensity	28223 cd	Finishes	Brushed Aluminium White RAL9010 Black RAL9005 Rubbed Bronze* Polished Brass* Brushed Brass *
CCT	2700K 3000K 3500K 4000K	Weight	350g 0.77lb
CRI Min.	92 TYP	Mounting	Surface mounting plate
Drive Current	700 mA	Movement	Pan 360° Tilt 90°
Nom. Voltage	12 V	Lockable	Pan
Max. Wattage	8.40 W	Accessories	Separate Lenses Louver 55mm (2.16")
Dimming	0-10V DALI	TM65 TM66	16.1kgCO2e 2.4
Driver Type	Constant Current Remote	Lifetime	L90B10 100,000hrs 5 year warranty
Class	SELV Class III		

DIMENSIONS



PHOTOMETRY



Data at 3000K

ORDER CODE

Model	Finish	CCT	Beam Angle
1051	-	-	-
	WH White RAL 9010	2792 2700K 92CRI	UN Ultra Narrow 6°
	BK Black RAL 9005	3092 3000K 92CRI	NA Narrow 10°
	AL Brushed Aluminium	3592 3500K 92CRI	ME Medium 15°
	RB Rubbed Bronze	4092 4000K 92CRI	FL Flood 30°
	PB Polished Brass		WF Wide Flood 55°
	SB Brushed Brass		

Example Code: 1051-WH-3092UN

*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 SURFACE

10° NARROW BEAM

STATIC WHITE



OVERVIEW

Solo 16 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 8.40W 700lm module has a peak intensity of 15476cd. An accessory holder is available separately that can accommodate 55mm (2.16") lenses and louvers. This product requires an external 700mA 12V Constant Current LED driver.

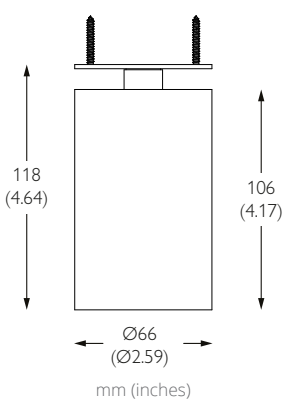
- UK PART L**
- Part L1A / L1B (Dwellings) ●
 - Part L2A (General)
 - Part L2A (Display) ●



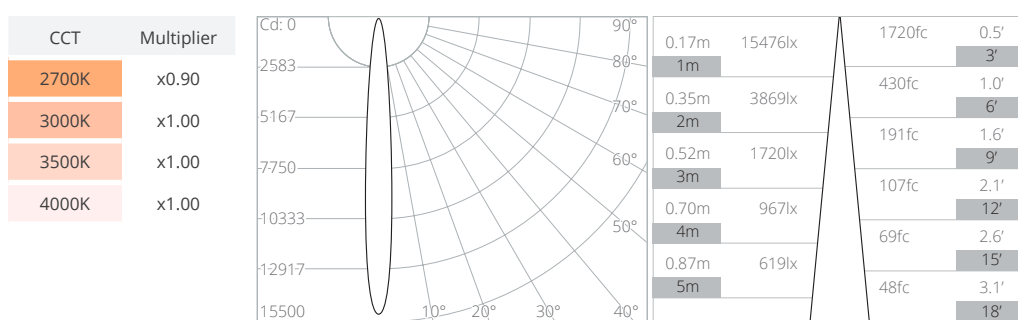
PERFORMANCE

FWHM	10°	Category	IP20
Luminous Flux	653 lm	Material	Machined AL 6063-T6 Machined Brass
Peak Intensity	15476 cd	Finishes	Brushed Aluminium White RAL9010 Black RAL9005 Rubbed Bronze* Polished Brass* Brushed Brass *
CCT	2700K 3000K 3500K 4000K	Weight	350g 0.77lb
CRI Min.	92 TYP	Mounting	Surface mounting plate
Drive Current	700 mA	Movement	Pan 360° Tilt 90°
Nom. Voltage	12 V	Lockable	Pan
Max. Wattage	8.40 W	Accessories	Separate Lenses Louver 55mm (2.16")
Dimming	0-10V DALI	TM65 TM66	16.1kgCO2e 2.4
Driver Type	Constant Current Remote	Lifetime	L90B10 100,000hrs 5 year warranty
Class	SELV Class III		

DIMENSIONS



PHOTOMETRY



Data at 3000K

ORDER CODE

Model	Finish	CCT	Beam Angle
1051	-	-	-
	WH White RAL 9010	2792 2700K 92CRI	UN Ultra Narrow 6°
	BK Black RAL 9005	3092 3000K 92CRI	NA Narrow 10°
	AL Brushed Aluminium	3592 3500K 92CRI	ME Medium 15°
	RB Rubbed Bronze	4092 4000K 92CRI	FL Flood 30°
	PB Polished Brass		WF Wide Flood 55°
	SB Brushed Brass		

Example Code: 1051-WH-3092NA

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SOLO 16 SURFACE

16° MEDIUM BEAM

STATIC WHITE



OVERVIEW

Solo 16 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 8.40W 700lm module has a peak intensity of 5671cd. An accessory holder is available separately that can accommodate 55mm (2.16") lenses and louvers. This product requires an external 700mA 12V Constant Current LED driver.

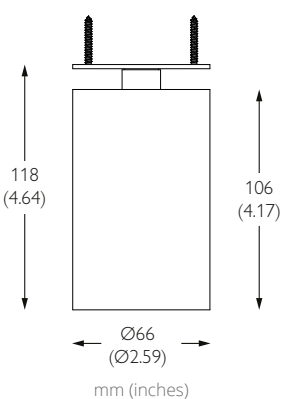
- UK PART L**
- Part L1A / L1B (Dwellings) ●
 - Part L2A (General)
 - Part L2A (Display) ●



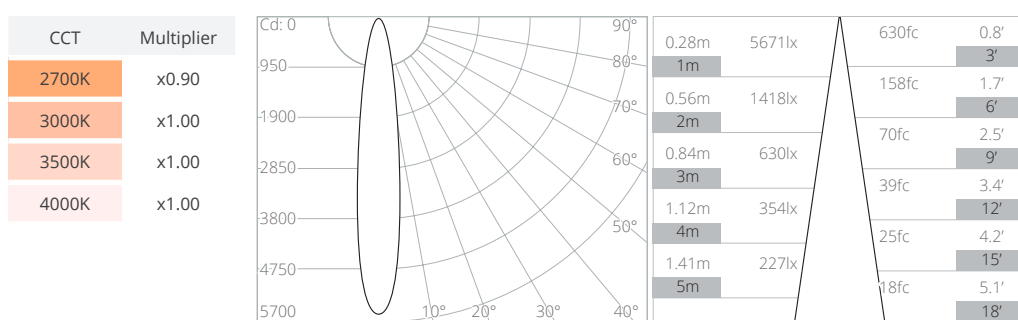
PERFORMANCE

FWHM	16°	Category	IP20
Luminous Flux	623 lm	Material	Machined AL 6063-T6 Machined Brass
Peak Intensity	5671 cd	Finishes	Brushed Aluminium White RAL9010 Black RAL9005 Rubbed Bronze* Polished Brass* Brushed Brass *
CCT	2700K 3000K 3500K 4000K	Weight	350g 0.77lb
CRI Min.	92 TYP	Mounting	Surface mounting plate
Drive Current	700 mA	Movement	Pan 360° Tilt 90°
Nom. Voltage	12 V	Lockable	Pan
Max. Wattage	8.40 W	Accessories	Separate Lenses Louver 55mm (2.16")
Dimming	0-10V DALI	TM65 TM66	16.1kgCO2e 2.4
Driver Type	Constant Current Remote	Lifetime	L90B10 100,000hrs 5 year warranty
Class	SELV Class III		

DIMENSIONS



PHOTOMETRY



Data at 3000K

ORDER CODE

Model	Finish	CCT	Beam Angle
1051	-	-	-
	WH White RAL 9010	2792 2700K 92CRI	UN Ultra Narrow 6°
	BK Black RAL 9005	3092 3000K 92CRI	NA Narrow 10°
	AL Brushed Aluminium	3592 3500K 92CRI	ME Medium 15°
	RB Rubbed Bronze	4092 4000K 92CRI	FL Flood 30°
	PB Polished Brass		WF Wide Flood 55°
	SB Brushed Brass		

Example Code: 1051-WH-3092ME

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

SOLO 16 SURFACE

30° FLOOD BEAM

STATIC WHITE



OVERVIEW

Solo 16 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 flood beam in our 8.40W 700lm module has a peak intensity of 1652cd. An accessory holder is available separately that can accommodate 55mm (2.16") lenses and louvers. This product requires an external 700mA 12V Constant Current LED driver.

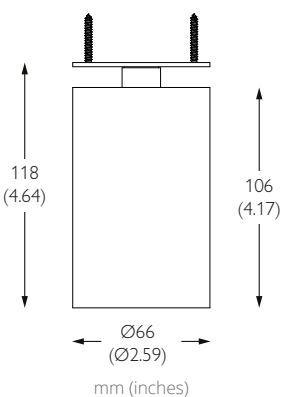
- UK PART L**
- Part L1A / L1B (Dwellings) ●
 - Part L2A (General)
 - Part L2A (Display) ●



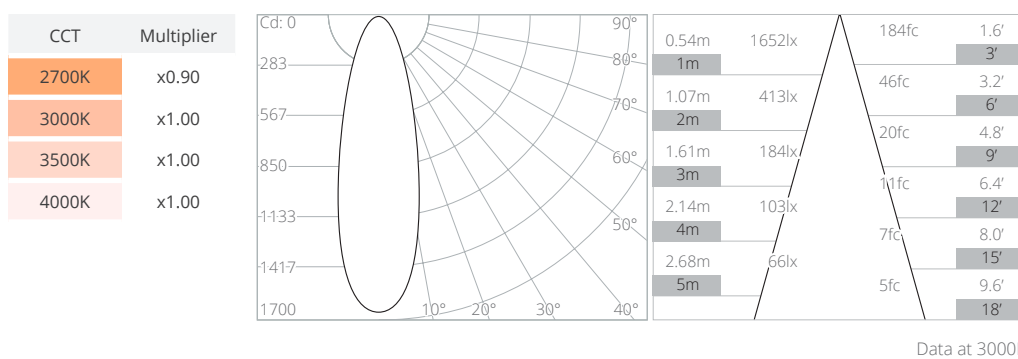
PERFORMANCE

FWHM	30°	Category	IP20
Luminous Flux	637 lm	Material	Machined AL 6063-T6 Machined Brass
Peak Intensity	1652 cd	Finishes	Brushed Aluminium White RAL9010 Black RAL9005 Rubbed Bronze* Polished Brass* Brushed Brass *
CCT	2700K 3000K 3500K 4000K	Weight	350g 0.77lb
CRI Min.	92 TYP	Mounting	Surface mounting plate
Drive Current	700 mA	Movement	Pan 360° Tilt 90°
Nom. Voltage	12 V	Lockable	Pan
Max. Wattage	8.40 W	Accessories	Separate Lenses Louver 55mm (2.16")
Dimming	0-10V DALI	TM65 TM66	16.1kgCO2e 2.4
Driver Type	Constant Current Remote	Lifetime	L90B10 100,000hrs 5 year warranty
Class	SELV Class III		

DIMENSIONS



PHOTOMETRY



ORDER CODE

Model	Finish	CCT	Beam Angle
1051	-	-	-
	WH White RAL 9010	2792 2700K 92CRI	UN Ultra Narrow 6°
	BK Black RAL 9005	3092 3000K 92CRI	NA Narrow 10°
	AL Brushed Aluminium	3592 3500K 92CRI	ME Medium 15°
	RB Rubbed Bronze	4092 4000K 92CRI	FL Flood 30°
	PB Polished Brass		WF Wide Flood 55°
	SB Brushed Brass		

Example Code: 1051-WH-3092FL

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

SOLO 16 SURFACE

50° WIDE FLOOD BEAM

STATIC WHITE



OVERVIEW

Solo 16 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 flood beam in our 8.40W 700lm module has a peak intensity of 633cd. An accessory holder is available separately that can accommodate 55mm (2.16") lenses and louvers. This product requires an external 700mA 12V Constant Current LED driver.

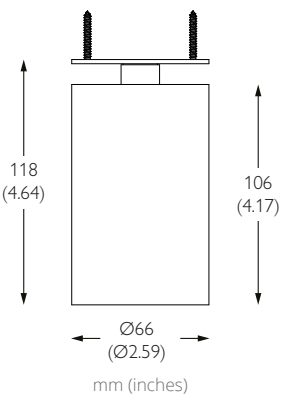
- UK PART L**
- Part L1A / L1B (Dwellings) ●
 - Part L2A (General)
 - Part L2A (Display) ●



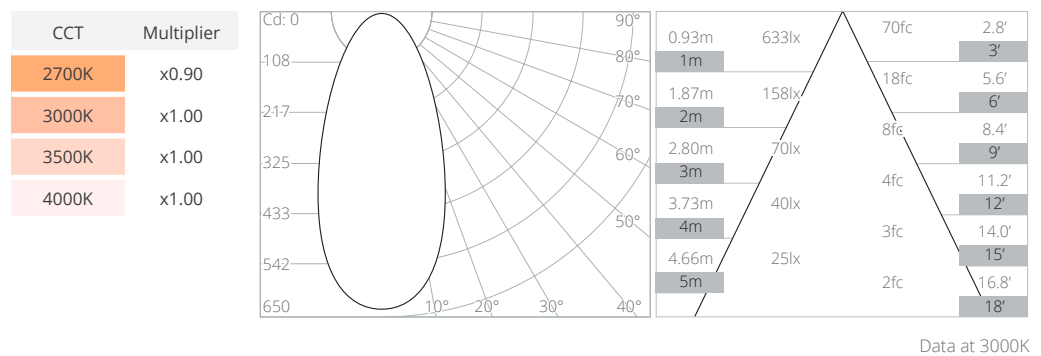
PERFORMANCE

FWHM	50°	Category	IP20
Luminous Flux	605 lm	Material	Machined AL 6063-T6 Machined Brass
Peak Intensity	633 cd	Finishes	Brushed Aluminium White RAL9010 Black RAL9005 Rubbed Bronze* Polished Brass* Brushed Brass *
CCT	2700K 3000K 3500K 4000K	Weight	350g 0.77lb
CRI Min.	92 TYP	Mounting	Surface mounting plate
Drive Current	700 mA	Movement	Pan 360° Tilt 90°
Nom. Voltage	12 V	Lockable	Pan
Max. Wattage	8.40 W	Accessories	Separate Lenses Louver 55mm (2.16")
Dimming	0-10V DALI	TM65 TM66	16.1kgCO2e 2.4
Driver Type	Constant Current Remote	Lifetime	L90B10 100,000hrs 5 year warranty
Class	SELV Class III		

DIMENSIONS



PHOTOMETRY



ORDER CODE

Model	Finish	CCT	Beam Angle
1051	-	-	-
	WH White RAL 9010	2792 2700K 92CRI	UN Ultra Narrow 6°
	BK Black RAL 9005	3092 3000K 92CRI	NA Narrow 10°
	AL Brushed Aluminium	3592 3500K 92CRI	ME Medium 15°
	RB Rubbed Bronze	4092 4000K 92CRI	FL Flood 30°
	PB Polished Brass		WF Wide Flood 55°
	SB Brushed Brass		

Example Code: 1051-WH-3092WF

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

SOLO 16 SURFACE

DRIVER COMPATIBILITY

STATIC WHITE

DRIVERS

20W | DIMMING: DALI OR 0-10V

NO. OF LIGHTS PER DRIVER 1 to 2 in series

MIN DIM LEVEL 0.1%

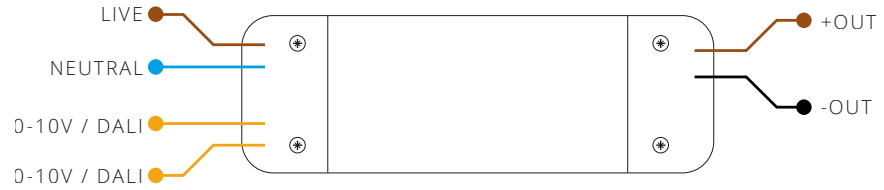
VOLTAGE REGION 230V

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 3 in series

MIN DIM LEVEL 0.1%

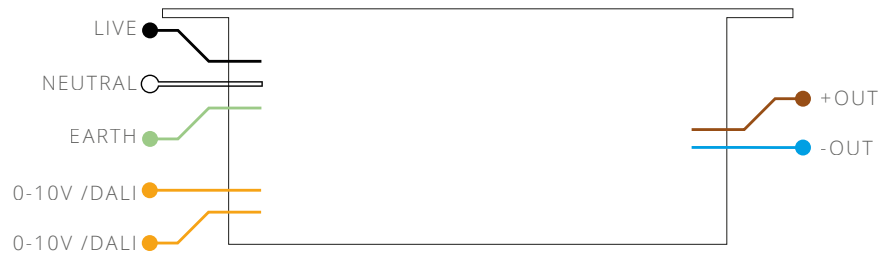
VOLTAGE REGION 120V

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")



12W | DIMMING: PHASE

NO. OF LIGHTS PER DRIVER 1

MIN DIM LEVEL 1%

VOLTAGE REGION 120V

FOR NORTH AMERICA Yes

WATTAGE 12W

SUPPLY TYPE Constant Current

DRIVER LOCATION Remote



PHASE CODE USCC-12-700-P-HT-ENC

LENGTH 247mm (9.7") WIDTH 65mm (2.6") HEIGHT 47mm (1.9")

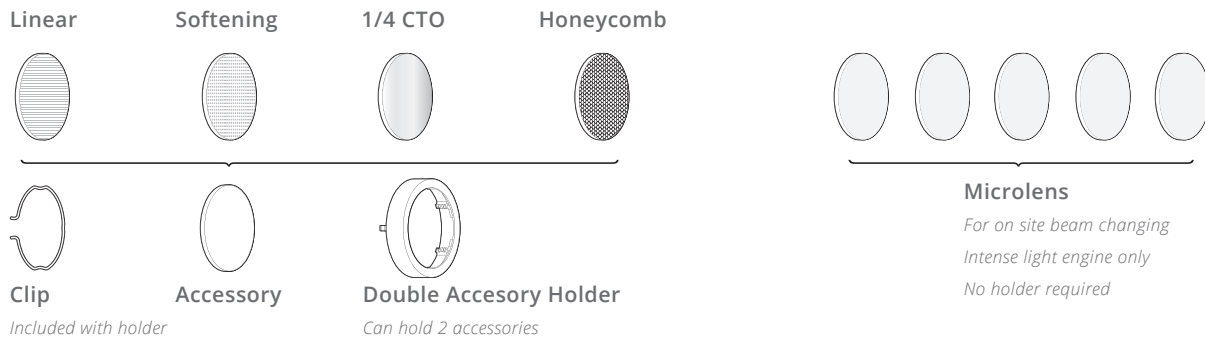


SOLO 16 SERIES SPOTLIGHT ACCESSORIES

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

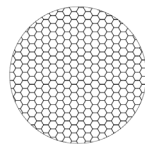


Honeycomb Louvre

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

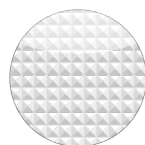


Softening Lens

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



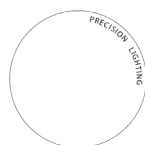
OPTICS

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

