

# MICROSPOT 11

11° ULTRA NARROW BEAM

STATIC WHITE



## OVERVIEW

Microspot 11 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. The ultra narrow beam in our 4.90W 415lm module has a peak intensity of 7259cd. An accessory holder is available separately that can accommodate 37mm (1.45") lenses and louvers. The Jack Plug is compatible with Precision Lighting's 24V Jack systems. The onboard 24V DC driver ensures overcurrent protection and is not polarity sensitive. An external AC to 24V DC power supply is required.

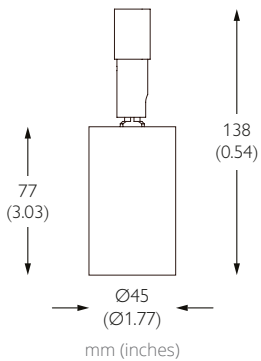
- UK PART L**
- Part L1A / L1B (Dwellings) ●
  - Part L2A (General)
  - Part L2A (Display) ●



## PERFORMANCE

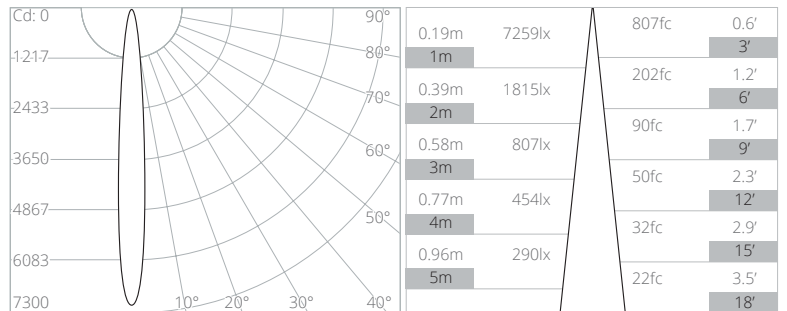
<b>FWHM</b>	11°	<b>Category</b>	IP20
<b>Luminous Flux</b>	396 lm	<b>Material</b>	Machined AL 6063-T6   Machined Brass
<b>Peak Intensity</b>	7259 cd	<b>Finishes</b>	Brushed Aluminium   White RAL9010   Black RAL9005   Rubbed Bronze*   Polished Brass*   Brushed Brass *
<b>CCT</b>	2700K   3000K   3500K   4000K	<b>Weight</b>	200g   0.44lb
<b>CRI Min.</b>	92 TYP	<b>Mounting</b>	Basis Track   24V Monopoints
<b>Drive Current</b>	204.16 mA	<b>Movement</b>	Pan 360°   Tilt 90°
<b>Nom. Voltage</b>	24 V	<b>Lockable</b>	N/A
<b>Max. Wattage</b>	4.90 W	<b>Accessories</b>	Separate   Louver   Lenses 37mm (1.45")
<b>Dimming</b>	0-10V   DALI	<b>TM65   TM66</b>	11.65kgCO2e   2.4
<b>Driver Type</b>	Constant Voltage   Remote AC to 24VDC	<b>Lifetime</b>	L90B10 100,000hrs   5 year warranty
<b>Class</b>	SELV   Class III		

## DIMENSIONS



## PHOTOMETRY

CCT	Multiplier
2700K	x0.90
3000K	x1.00
3500K	x1.00
4000K	x1.00



Data at 3000K

## ORDER CODE

Mounting	Model	Finish	CCT	Beam Angle
	313			
<i>Luminaire Only †</i>		<b>WH</b> White RAL 9010	<b>2792</b> 2700K 92CRI	<b>UN</b> Ultra Narrow 11°
<b>BT</b> Basis Track ‡		<b>BK</b> Black RAL 9005	<b>3092</b> 3000K 92CRI	<b>NA</b> Narrow 14°
<b>MPZ</b> Surface Monopoint		<b>AL</b> Brushed Aluminium ‡	<b>3592</b> 3500K 92CRI	<b>ME</b> Medium 18°
<b>MPS</b> Trimless Monopoint		<b>RB</b> Rubbed Bronze ‡	<b>4092</b> 4000K 92CRI	<b>FL</b> Flood 30°
<b>MPY</b> Node Monopoint		<b>PB</b> Polished Brass		<b>WF</b> Wide Flood 50°
<b>MPX</b> Flat Monopoint		<b>SB</b> Brushed Brass		

Example Code: **MPZ-313-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

† This luminaire requires a mounting option, if ordering individually mounting option must be ordered separately

‡ Basis Track is only available in **AL** Brushed Aluminium and **RB** Rubbed Bronze Finishes

# MICROSPOT 11

14° NARROW BEAM

STATIC WHITE



## OVERVIEW

Microspot 11 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. The narrow beam in our 4.90W 415lm module has a peak intensity of 5422cd. An accessory holder is available separately that can accommodate 37mm (1.45") lenses and louvers. The Jack Plug is compatible with Precision Lighting's 24V Jack systems. The onboard 24V DC driver ensures overcurrent protection and is not polarity sensitive. An external AC to 24V DC power supply is required.

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

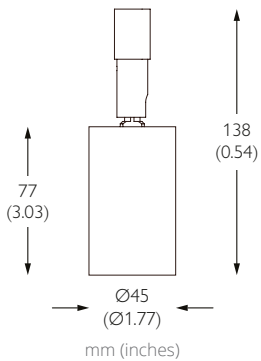


## PERFORMANCE

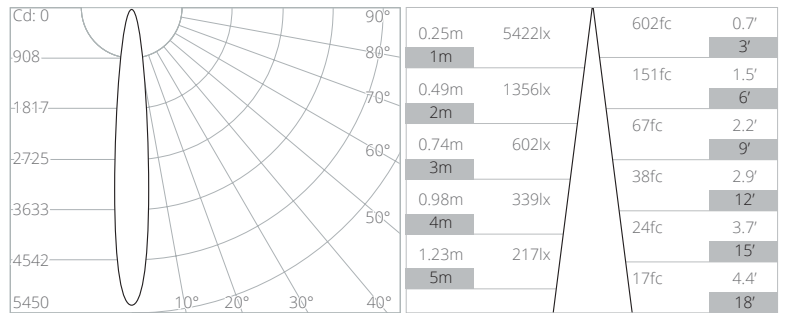
FWHM	14°	Category	IP20
Luminous Flux	413 lm	Material	Machined AL 6063-T6   Machined Brass
Peak Intensity	5422 cd	Finishes	Brushed Aluminium   White RAL9010   Black RAL9005   Rubbed Bronze*   Polished Brass*   Brushed Brass *
CCT	2700K   3000K   3500K   4000K	Weight	200g   0.44lb
CRI Min.	92 TYP	Mounting	Basis Track   24V Monopoints
Drive Current	204.16 mA	Movement	Pan 360°   Tilt 90°
Nom. Voltage	24 V	Lockable	N/A
Max. Wattage	4.90 W	Accessories	Separate   Louver   Lenses 37mm (1.45")
Dimming	0-10V   DALI	TM65   TM66	11.65kgCO2e   2.4
Driver Type	Constant Voltage   Remote AC to 24VDC	Lifetime	L90B10 100,000hrs   5 year warranty
Class	SELV   Class III		

## DIMENSIONS

## PHOTOMETRY



CCT	Multiplier
2700K	x0.90
3000K	x1.00
3500K	x1.00
4000K	x1.00



Data at 3000K

## ORDER CODE

Mounting	Model	Finish	CCT	Beam Angle
-	313	-	-	-
<i>Luminaire Only †</i>		<b>WH</b> White RAL 9010	<b>2792</b> 2700K 92CRI	<b>UN</b> Ultra Narrow 11°
<b>BT</b> Basis Track ‡		<b>BK</b> Black RAL 9005	<b>3092</b> 3000K 92CRI	<b>NA</b> Narrow 14°
<b>MPZ</b> Surface Monopoint		<b>AL</b> Brushed Aluminium ‡	<b>3592</b> 3500K 92CRI	<b>ME</b> Medium 18°
<b>MPS</b> Trimless Monopoint		<b>RB</b> Rubbed Bronze ‡	<b>4092</b> 4000K 92CRI	<b>FL</b> Flood 30°
<b>MPY</b> Node Monopoint		<b>PB</b> Polished Brass		<b>WF</b> Wide Flood 50°
<b>MPX</b> Flat Monopoint		<b>SB</b> Brushed Brass		

Example Code: **MPZ-313-WH-3092NA**

\*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

† This luminaire requires a mounting option, if ordering individually mounting option must be ordered separately

‡ Basis Track is only available in **AL** Brushed Aluminium and **RB** Rubbed Bronze Finishes

# MICROSPOT 11

18° MEDIUM BEAM

STATIC WHITE



## OVERVIEW

Microspot 11 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. The medium beam in our 4.90W 415lm module has a peak intensity of 3338cd. An accessory holder is available separately that can accommodate 37mm (1.45") lenses and louvers. The Jack Plug is compatible with Precision Lighting's 24V Jack systems. The onboard 24V DC driver ensures overcurrent protection and is not polarity sensitive. An external AC to 24V DC power supply is required.

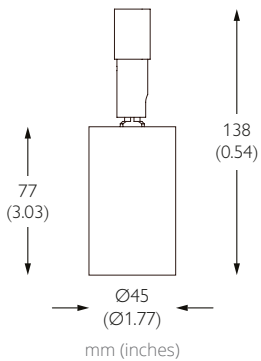
**UK PART L** Part L1A / L1B (Dwellings) ●  
Part L2A (General)  
Part L2A (Display) ●



## PERFORMANCE

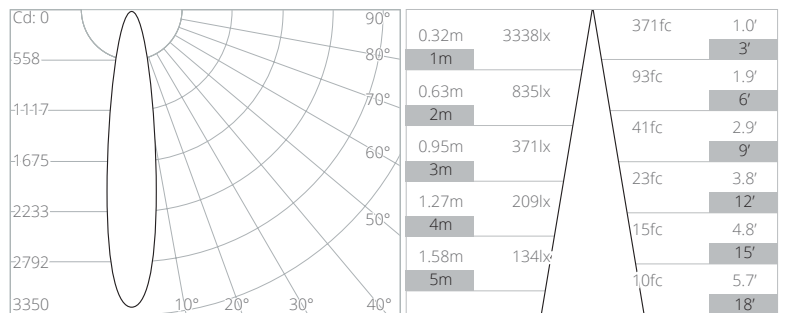
FWHM	18°	Category	IP20
Luminous Flux	391 lm	Material	Machined AL 6063-T6   Machined Brass
Peak Intensity	3338 cd	Finishes	Brushed Aluminium   White RAL9010   Black RAL9005   Rubbed Bronze*   Polished Brass*   Brushed Brass *
CCT	2700K   3000K   3500K   4000K	Weight	200g   0.44lb
CRI Min.	92 TYP	Mounting	Basis Track   24V Monopoints
Drive Current	204.16 mA	Movement	Pan 360°   Tilt 90°
Nom. Voltage	24 V	Lockable	N/A
Max. Wattage	4.90 W	Accessories	Separate   Louver   Lenses 37mm (1.45")
Dimming	0-10V   DALI	TM65   TM66	11.65kgCO2e   2.4
Driver Type	Constant Voltage   Remote AC to 24VDC	Lifetime	L90B10 100,000hrs   5 year warranty
Class	SELV   Class III		

## DIMENSIONS



## PHOTOMETRY

CCT	Multiplier
2700K	x0.90
3000K	x1.00
3500K	x1.00
4000K	x1.00



Data at 3000K

## ORDER CODE

Mounting	Model	Finish	CCT	Beam Angle
-	313	-	-	-
Luminaire Only †		WH White RAL 9010	2792 2700K 92CRI	UN Ultra Narrow 11°
BT Basis Track ‡		BK Black RAL 9005	3092 3000K 92CRI	NA Narrow 14°
MPZ Surface Monopoint		AL Brushed Aluminium ‡	3592 3500K 92CRI	ME Medium 18°
MPS Trimless Monopoint		RB Rubbed Bronze ‡	4092 4000K 92CRI	FL Flood 30°
MPY Node Monopoint		PB Polished Brass		WF Wide Flood 50°
MPX Flat Monopoint		SB Brushed Brass		

Example Code: **MPZ-313-WH-3092ME**

\*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

† This luminaire requires a mounting option, if ordering individually mounting option must be ordered separately

‡ Basis Track is only available in **AL** Brushed Aluminium and **RB** Rubbed Bronze Finishes

# MICROSPOT 11

30° FLOOD BEAM

STATIC WHITE



## OVERVIEW

Microspot 11 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. The flood beam in our 4.90W 415lm module has a peak intensity of 1052cd. An accessory holder is available separately that can accommodate 37mm (1.45") lenses and louvers. The Jack Plug is compatible with Precision Lighting's 24V Jack systems. The onboard 24V DC driver ensures overcurrent protection and is not polarity sensitive. An external AC to 24V DC power supply is required.

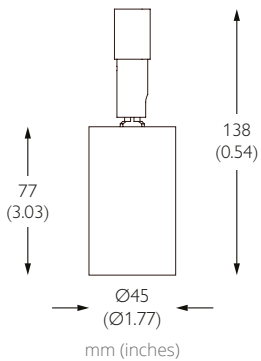
- UK PART L**
- Part L1A / L1B (Dwellings) ●
  - Part L2A (General)
  - Part L2A (Display) ●



## PERFORMANCE

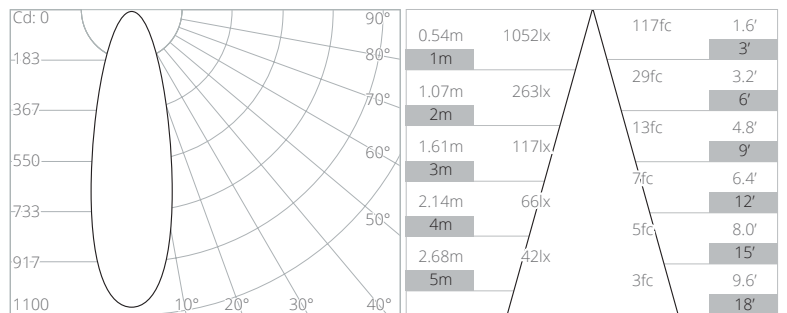
<b>FWHM</b>	30°	<b>Category</b>	IP20
<b>Luminous Flux</b>	322 lm	<b>Material</b>	Machined AL 6063-T6   Machined Brass
<b>Peak Intensity</b>	1052 cd	<b>Finishes</b>	Brushed Aluminium   White RAL9010   Black RAL9005   Rubbed Bronze*   Polished Brass*   Brushed Brass *
<b>CCT</b>	2700K   3000K   3500K   4000K	<b>Weight</b>	200g   0.44lb
<b>CRI Min.</b>	92 TYP	<b>Mounting</b>	Basis Track   24V Monopoints
<b>Drive Current</b>	204.16 mA	<b>Movement</b>	Pan 360°   Tilt 90°
<b>Nom. Voltage</b>	24 V	<b>Lockable</b>	N/A
<b>Max. Wattage</b>	4.90 W	<b>Accessories</b>	Separate   Louver   Lenses 37mm (1.45")
<b>Dimming</b>	0-10V   DALI	<b>TM65   TM66</b>	11.65kgCO2e   2.4
<b>Driver Type</b>	Constant Voltage   Remote AC to 24VDC	<b>Lifetime</b>	L90B10 100,000hrs   5 year warranty
<b>Class</b>	SELV   Class III		

## DIMENSIONS



## PHOTOMETRY

CCT	Multiplier
2700K	x0.90
3000K	x1.00
3500K	x1.00
4000K	x1.00



Data at 3000K

## ORDER CODE

Mounting	Model	Finish	CCT	Beam Angle
	313			
<i>Luminaire Only †</i>		<b>WH</b> White RAL 9010	<b>2792</b> 2700K 92CRI	<b>UN</b> Ultra Narrow 11°
<b>BT</b> Basis Track ‡		<b>BK</b> Black RAL 9005	<b>3092</b> 3000K 92CRI	<b>NA</b> Narrow 14°
<b>MPZ</b> Surface Monopoint		<b>AL</b> Brushed Aluminium ‡	<b>3592</b> 3500K 92CRI	<b>ME</b> Medium 18°
<b>MPS</b> Trimless Monopoint		<b>RB</b> Rubbed Bronze ‡	<b>4092</b> 4000K 92CRI	<b>FL</b> Flood 30°
<b>MPY</b> Node Monopoint		<b>PB</b> Polished Brass		<b>WF</b> Wide Flood 50°
<b>MPX</b> Flat Monopoint		<b>SB</b> Brushed Brass		

Example Code: **MPZ-313-WH-3092FL**

\*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

† This luminaire requires a mounting option, if ordering individually mounting option must be ordered separately

‡ Basis Track is only available in **AL** Brushed Aluminium and **RB** Rubbed Bronze Finishes

# MICROSPOT 11

50° WIDE FLOOD BEAM

STATIC WHITE



## OVERVIEW

Microspot 11 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. The wide flood beam in our 4.90W 415lm module has a peak intensity of 383cd. An accessory holder is available separately that can accommodate 37mm (1.45") lenses and louvers. The Jack Plug is compatible with Precision Lighting's 24V Jack systems. The onboard 24V DC driver ensures overcurrent protection and is not polarity sensitive. An external AC to 24V DC power supply is required.

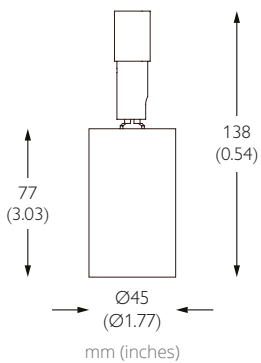
- UK PART L**
- Part L1A / L1B (Dwellings) ●
  - Part L2A (General)
  - Part L2A (Display) ●



## PERFORMANCE

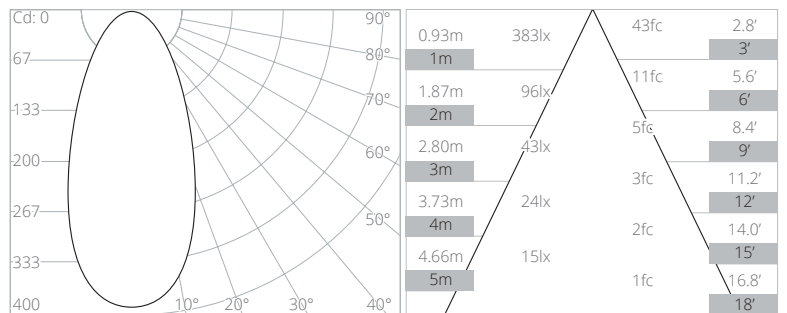
<b>FWHM</b>	50°	<b>Category</b>	IP20
<b>Luminous Flux</b>	317 lm	<b>Material</b>	Machined AL 6063-T6   Machined Brass
<b>Peak Intensity</b>	383 cd	<b>Finishes</b>	Brushed Aluminium   White RAL9010   Black RAL9005   Rubbed Bronze*   Polished Brass*   Brushed Brass *
<b>CCT</b>	2700K   3000K   3500K   4000K	<b>Weight</b>	200g   0.44lb
<b>CRI Min.</b>	92 TYP	<b>Mounting</b>	Basis Track   24V Monopoints
<b>Drive Current</b>	204.16 mA	<b>Movement</b>	Pan 360°   Tilt 90°
<b>Nom. Voltage</b>	24 V	<b>Lockable</b>	N/A
<b>Max. Wattage</b>	4.90 W	<b>Accessories</b>	Separate   Louver   Lenses 37mm (1.45")
<b>Dimming</b>	0-10V   DALI	<b>TM65   TM66</b>	11.65kgCO2e   2.4
<b>Driver Type</b>	Constant Voltage   Remote AC to 24VDC	<b>Lifetime</b>	L90B10 100,000hrs   5 year warranty
<b>Class</b>	SELV   Class III		

## DIMENSIONS



## PHOTOMETRY

CCT	Multiplier
2700K	x0.90
3000K	x1.00
3500K	x1.00
4000K	x1.00



Data at 3000K

## ORDER CODE

Mounting	Model	Finish	CCT	Beam Angle
	313			
<i>Luminaire Only †</i>		<b>WH</b> White RAL 9010	<b>2792</b> 2700K 92CRI	<b>UN</b> Ultra Narrow 11°
<b>BT</b> Basis Track ‡		<b>BK</b> Black RAL 9005	<b>3092</b> 3000K 92CRI	<b>NA</b> Narrow 14°
<b>MPZ</b> Surface Monopoint		<b>AL</b> Brushed Aluminium ‡	<b>3592</b> 3500K 92CRI	<b>ME</b> Medium 18°
<b>MPS</b> Trimless Monopoint		<b>RB</b> Rubbed Bronze ‡	<b>4092</b> 4000K 92CRI	<b>FL</b> Flood 30°
<b>MPY</b> Node Monopoint		<b>PB</b> Polished Brass		<b>WF</b> Wide Flood 50°
<b>MPX</b> Flat Monopoint		<b>SB</b> Brushed Brass		

Example Code: **MPZ-313-WH-3092WF**

\*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

† This luminaire requires a mounting option, if ordering individually mounting option must be ordered separately

‡ Basis Track is only available in **AL** Brushed Aluminium and **RB** Rubbed Bronze Finishes

# 24V CONSTANT VOLTAGE 11 SERIES

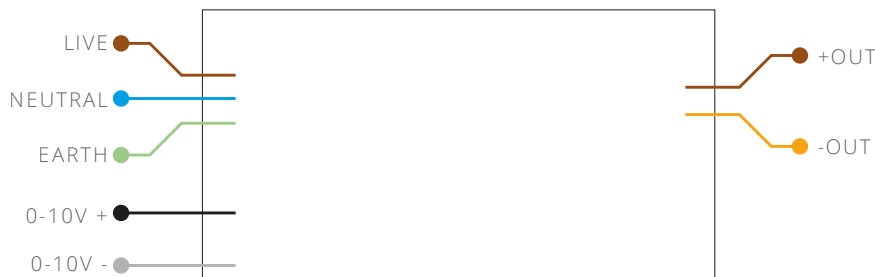
DRIVER COMPATIBILITY

STATIC WHITE

## DRIVERS

### 100W | DIMMING: 1-10V

NO. OF LIGHTS PER DRIVER 1 to 14  
VOLTAGE REGION 230V  
FOR NORTH AMERICA No  
WATTAGE 100W  
OUTPUT VOLTAGE 24V  
SUPPLY TYPE Constant Voltage  
DRIVER LOCATION Remote



ORDER CODE PSCV-100-24-A-OS

LENGTH 240mm (9.44") WIDTH 50mm (1.96") HEIGHT 34mm (1.34")



### 130W | DIMMING: 1-10V

NO. OF LIGHTS PER DRIVER 1 to 16  
VOLTAGE REGION 230V  
FOR NORTH AMERICA No  
WATTAGE 130W  
OUTPUT VOLTAGE 24V  
SUPPLY TYPE Constant Voltage  
DRIVER LOCATION Remote



ORDER CODE PSCV-130-24-A-OS

LENGTH 240mm (9.44") WIDTH 63mm (2.48") HEIGHT 37mm (1.46")



### 100W | DIMMING: DALI

NO. OF LIGHTS PER DRIVER 1 to 15  
VOLTAGE REGION 230V  
FOR NORTH AMERICA No  
WATTAGE 130W  
OUTPUT VOLTAGE 24V  
SUPPLY TYPE Constant Voltage  
DRIVER LOCATION Remote



ORDER CODE PSCV-100-24-D-EL

LENGTH 388mm (15.2") WIDTH 42mm (1.65") HEIGHT 30mm (1.18")



# 24V CONSTANT VOLTAGE 11 SERIES

DRIVER COMPATIBILITY

STATIC WHITE

## DRIVERS

### 100W | DIMMING: 1-10V

NO. OF LIGHTS PER DRIVER 1 to 15  
VOLTAGE REGION 120V  
FOR NORTH AMERICA Yes  
WATTAGE 100W  
OUTPUT VOLTAGE 24V  
SUPPLY TYPE Constant Voltage  
DRIVER LOCATION Remote



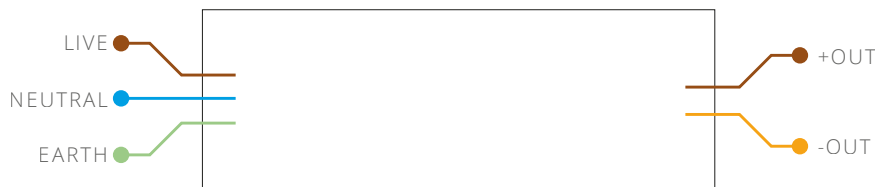
ORDER CODE USCVCV-100-24-A-MW-ENC

LENGTH 550mm (21.6") WIDTH 65mm (2.60") HEIGHT 57mm (2.25")



### 96W | DIMMING: PHASE

NO. OF LIGHTS PER DRIVER 1 to 15  
VOLTAGE REGION 120V  
FOR NORTH AMERICA Yes  
WATTAGE 96W  
OUTPUT VOLTAGE 24V  
SUPPLY TYPE Constant Voltage  
DRIVER LOCATION Remote



ORDER CODE USCVCV-96-24-P-LU

LENGTH 380mm (14.9") WIDTH 77mm (3.03") HEIGHT 57mm (2.24")



### 100W | DIMMING: DALI

NO. OF LIGHTS PER DRIVER 1 to 15  
VOLTAGE REGION 120V  
FOR NORTH AMERICA Yes  
WATTAGE 100W  
OUTPUT VOLTAGE 24V  
SUPPLY TYPE Constant Voltage  
DRIVER LOCATION Remote



ORDER CODE USCVCV-100-24-D-EL-ENC

LENGTH 550mm (21.6") WIDTH 65mm (2.60") HEIGHT 57mm (2.25")

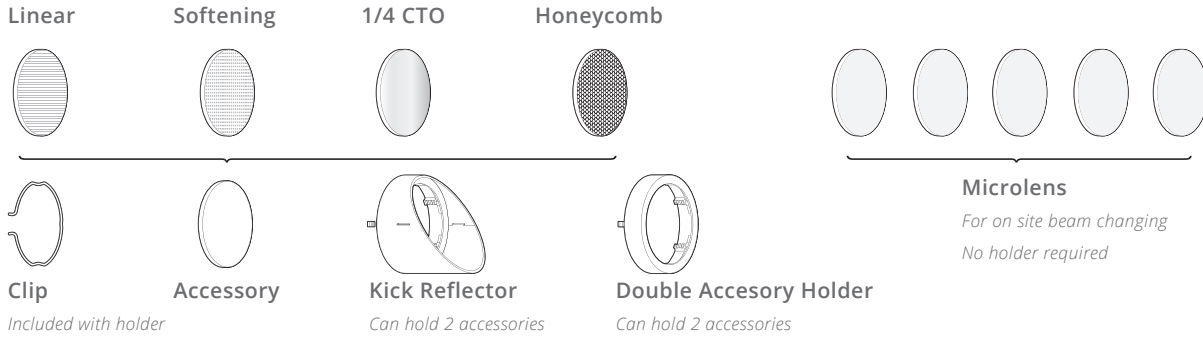


# 11 SERIES SPOTLIGHT ACCESSORIES

FOR USE WITH EVO 11 | RETRO 11 | MICROSPOT 11

## ACCESSORIES

The 11 series track and surface spotlights can accommodate accessories with snap in accessory holders.



### Double Accessory Holder

Can hold 2 accessories

HEIGHT 13mm ( 0.512" )  
DAIMETER 43mm ( 1.693" )



PART CODE 244-BK

### Kick Reflector Accessory Holder

Use only with the Glare Guard Snoot

HEIGHT 40mm ( 1.575" )  
DAIMETER 43mm ( 1.693" )

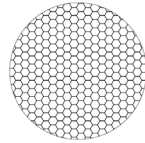


PART CODE 245-BK

### Honeycomb Louvre

Enhances glare control

THICKNESS 3.2mm ( 0.126" )  
DAIMETER 37mm ( 1.260" )



PART CODE 995-37-BK

### 1/4 CTO Dichroic

CCT warming - approx 300K

THICKNESS 1.8mm ( 0.071" )  
DAIMETER 37mm ( 1.260" )

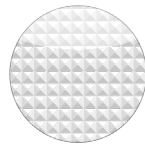


PART CODE 997-1/4CTO-37

### Softening Lens

Heavy Diffusion of beam

THICKNESS 3.2mm ( 0.126" )  
DAIMETER 37mm ( 1.260" )



PART CODE 991-37

### Linear Lens

Elongates beam

THICKNESS 3.9mm ( 0.154" )  
DAIMETER 37mm ( 1.260" )



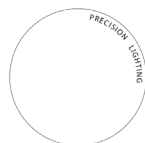
PART CODE 992-37

## OPTICS

### Microlens - Intense Light Engine Only

For on site beam angle changes. No holder required.

THICKNESS 1.0mm ( 0.039" )  
DAIMETER 29.5mm ( 1.14" )



PART CODE 911-01 Ultra Narrow  
911-02 Narrow  
911-03 Medium  
911-04 Flood  
911-05 Wide Flood



# 24V CONSTANT VOLTAGE SYSTEM

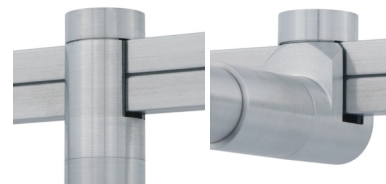
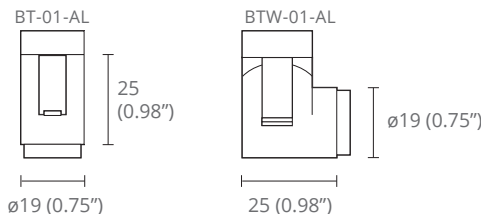
## MOUNTING OPTIONS

### MOUNTING OPTIONS

#### BT & BTW - BASIS TRACK

For use with Precision Lighting Basis Track

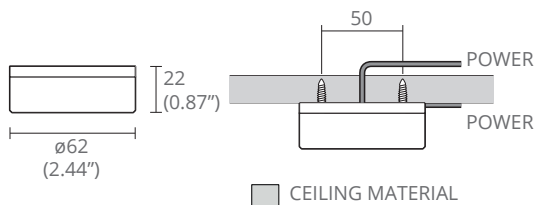
ADAPTOR CODE	FINISH
BT-01-AL	Brushed Aluminium
BT-01-RB	Rubbed Bronze
BTW-01-AL	Brushed Aluminium
BTW-01-RB	Rubbed Bronze



#### MPZ - SURFACE MONOPOINT

For blind mounting on solid surfaces

MONOPOINT CODE	FINISH
MPZ-01-AL	Brushed Aluminium
MPZ-01-WH	White RAL 9010
MPZ-01-BK	Black RAL 9005
MPZ-01-RB	Rubbed Bronze
MPZ-01-PB	Polished Brass
MPZ-01-SB	Brushed Brass

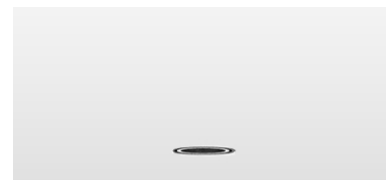
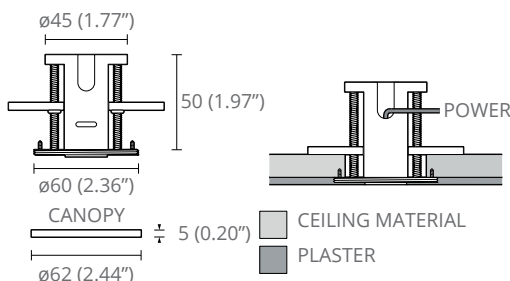


#### MPS - TRIMLESS MONOPOINT

For use with plasterboard / sheetrock

Note: Canopy not standard, for non-trimless install.

MONOPOINT CODE	FINISH
MPS-01-AL	Brushed Aluminium
CANOPY CODE	FINISH
MPS-02-AL	Brushed Aluminium
MPS-02-BK	Black RAL 9005
MPS-02-WH	White RAL 9010

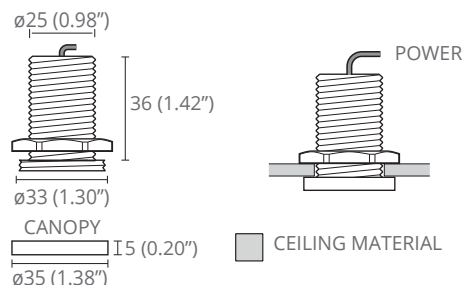


#### MPY - NODE MONOPOINT

For use in cabinetry

Note: rear access required after install

MONOPOINT CODE	FINISH
MPY-05-AL	Brushed Aluminium
MPY-05-WH	White RAL 9010
MPY-05-BK	Black RAL 9005
MPY-05-RB	Rubbed Bronze
MPY-05-PB	Polished Brass
MPY-05-SB	Brushed Brass



#### MPX - FLAT MONOPOINT

For use with most mounting surfaces

Note: wiring void required

MONOPOINT CODE	FINISH
MPX-02-AL	Brushed Aluminium
MPX-02-WH	White RAL 9010
MPX-02-BK	Black RAL 9005
MPX-02-RB	Rubbed Bronze
MPX-01-PB	Polished Brass
MPX-01-SB	Brushed Brass

