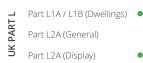
11° ULTRA NARROW BEAM STATIC WHITE



OVERVIEW

Evo 11 Glare Guard 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 fully lockable bearing aided pan and tilt. 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.





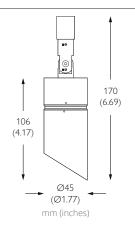
PERFORMANCE

FWHM	11°
Luminous Flux	396 lm
Peak Intensity	7259 cd
ССТ	2700K 3000K 3500K 4000K
CRI Min.	92 TYP
Drive Current	204.16 mA
Nom. Voltage	24 V
Max. Wattage	4.90 W
Dimming	0-10V DALI
Driver Type	Constant Voltage Remote AC to 24VDC
Class	SELV Class III

Category	IP20							
Material	Machined AL 6063-T6 Machined Brass							
Finishes	Brushed Aluminium White RAL9010 Black RAL9005 Rubbed Bronze* Polished Brass* Brushed Brass*							
Weight	180g 0.40lb							
Mounting	Basis Track 24V Monopoints							
Movement	Pan 360° Tilt 180°							
Lockable	Pan & Tilt							
Accessories	Separate Snoots Louver Lenses 37mm (1.45")							
TM65 TM66	11.06kgCO2e 2.4							
Lifetime	L90B10 100,000hrs 5 year warranty							

DIMENSIONS

PHOTOMETRY



2700K x0.90	ССТ	Multiplier	Cd: 0	$\sqrt{\Lambda}$	90° 0.19m 7259lx	807fc	0.6′
3000K x1.00 2433 2 2m 90fc 1.7' 3500K x1.00 3650 60° 3m 0.77m 454lx 4m 0.96m 290lx 15'	2700K	x0.90	1-2-1-7			202fc	
3500K x1.00 3650 50° 0.58m 807lx 3m 50fc 2.3' 50fc 2.3' 12' 32fc 2.9' 506m 290lx 15'	3000K	x1.00	2433			QOfc	
4000K x1.00 4867 50e 0.77m 454lx 12' 32fc 2.9' 0.96m 290lx 15'	3500K	x1.00	3650			9010	
6083 4m 32fc 2.9' 0.96m 290lx 15'	4000K	x1.00			0.77m 454lx	50fc	
6083			7007		50° 4m	32fc	
5m 22fc 25'			6083				
7300 10° 20° 30° 40° 2210 3.3				\ /	5m	22fc	3.5′

Data at 3000K

ORDER CODE

	Mounting		Model		Finish			ССТ			Beam Angle		
		-	481	-			-						
	Luminaire Only †				WH	White RAL 9010		2792	2700K 92CRI		UN	Ultra Narrow 11°	
BT	Basis Track ‡				ВК	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-481-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

 $[\]dagger$ 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

14° NARROW BEAM STATIC WHITE





OVERVIEW

Evo 11 Glare Guard 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 fully lockable bearing aided pan and tilt. 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.

Part L1A / L1B (Dwellings)

Part L2A (General)

Part L2A (Display)

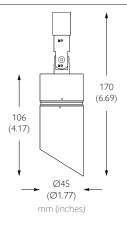


PERFORMANCE

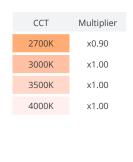
FWHM	14°
Luminous Flux	413 lm
Peak Intensity	5422 cd
ССТ	2700K 3000K 3500K 4000K
CRI Min.	92 TYP
Drive Current	204.16 mA
Nom. Voltage	24 V
Max. Wattage	4.90 W
Dimming	0-10V DALI
Driver Type	Constant Voltage Remote AC to 24VDC
Class	SELV Class III

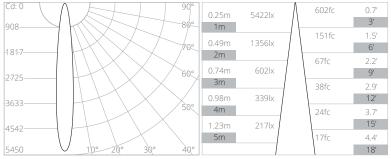
Category	IP20							
Material	Machined AL 6063-T6 Machined Brass							
Finishes	Brushed Aluminium White RAL9010 Black RAL9005 Rubbed Bronze* Polished Brass* Brushed Brass*							
Weight	180g 0.40lb							
Mounting	Basis Track 24V Monopoints							
Movement	Pan 360° Tilt 180°							
Lockable	Pan & Tilt							
Accessories	Separate Snoots Louver Lenses 37mm (1.45")							
TM65 TM66	11.06kgCO2e 2.4							
Lifetime	L90B10 100,000hrs 5 year warranty							

DIMENSIONS



PHOTOMETRY





Data at 3000K

ORDER CODE

	Mounting		Model			Finish			ССТ		Beam Angle
		-	481	-			-				
	Luminaire Only †				WH	White RAL 9010		2792	2700K 92CRI	UN	Ultra Narrow 11°
ВТ	Basis Track‡				ВК	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-481-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

by luminii

18° MEDIUM BEAM STATIC WHITE



OVERVIEW

Evo 11 Glare Guard 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 fully lockable bearing aided pan and tilt. 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.

Part L1A / L1B (Dwellings)

Part L2A (General)

Part L2A (Display)

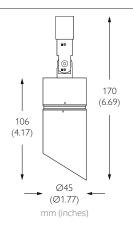


PERFORMANCE

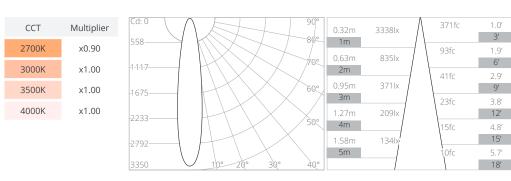
FWHM	18°
Luminous Flux	391 lm
Peak Intensity	3338 cd
ССТ	2700K 3000K 3500K 4000K
CRI Min.	92 TYP
Drive Current	204.16 mA
Nom. Voltage	24 V
Max. Wattage	4.90 W
Dimming	0-10V DALI
Driver Type	Constant Voltage Remote AC to 24VDC
Class	SELV Class III

Category	IP20
Material	Machined AL 6063-T6 Machined Brass
Finishes	Brushed Aluminium White RAL9010 Black RAL9005 Rubbed Bronze* Polished Brass* Brushed Brass *
Weight	180g 0.40lb
Mounting	Basis Track 24V Monopoints
Movement	Pan 360° Tilt 180°
Lockable	Pan & Tilt
Accessories	Separate Snoots Louver Lenses 37mm (1.45")
TM65 TM66	11.06kgCO2e 2.4
Lifetime	L90B10 100,000hrs 5 year warranty

DIMENSIONS



PHOTOMETRY



Data at 3000K

ORDER CODE

	Mounting		Model			Finish			ССТ		Beam Angle
		-	481	-			-				
	Luminaire Only †				WH	White RAL 9010		2792	2700K 92CRI	UN	Ultra Narrow 11°
ВТ	Basis Track ‡				ВК	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-481-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

30° FLOOD BEAM STATIC WHITE



OVERVIEW

Evo 11 Glare Guard 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 fully lockable bearing aided pan and tilt. 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.

Part L1A / L1B (Dwellings)

Part L2A (General)

Part L2A (Display)



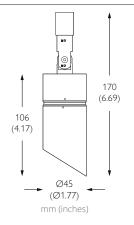
PERFORMANCE

FWHM	30°
Luminous Flux	322 lm
Peak Intensity	1052 cd
ССТ	2700K 3000K 3500K 4000K
CRI Min.	92 TYP
Drive Current	204.16 mA
Nom. Voltage	24 V
Max. Wattage	4.90 W
Dimming	0-10V DALI
Driver Type	Constant Voltage Remote AC to 24VDC
Class	SELV Class III

Category	IP20
Material	Machined AL 6063-T6 Machined Brass
Finishes	Brushed Aluminium White RAL9010 Black RAL9005 Rubbed Bronze* Polished Brass* Brushed Brass *
Weight	180g 0.40lb
Mounting	Basis Track 24V Monopoints
Movement	Pan 360° Tilt 180°
Lockable	Pan & Tilt
Accessories	Separate Snoots Louver Lenses 37mm (1.45")
TM65 TM66	11.06kgCO2e 2.4
Lifetime	L90B10 100,000hrs 5 year warranty

DIMENSIONS

PHOTOMETRY



CCT	Multiplier	Cd: 0	90° 0.54m 1052lx	117fc
2700K	x0.90	183	80° 1m 1.07m 263lx	29fc
3000K	x1.00	367	70° 1.0711 2031X	\ 13fc
3500K	x1.00	550	60° 1.61m 117lx/	
4000K	x1.00	733	2.14m 66lx	7fc
		, 55	50° 4m	5fc\
		91-7	2.68m 42lx	
		1100	10° 30° 40°	3fc \
		1100	10° 20° 30° 40°	

Data at 3000K

1.6' 3' 3.2' 6' 4.8'

9'

12′

8.0′ 15′ 9.6′ 18′

ORDER CODE

	Mounting		Model			Finish			ССТ		Beam Angle
		-	481	-			-				
	Luminaire Only †				WH	White RAL 9010		2792	2700K 92CRI	UN	Ultra Narrow 11°
ВТ	Basis Track‡				ВК	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-481-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

50° WIDE FLOOD BEAM STATIC WHITE





OVERVIEW

Evo 11 Glare Guard 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 fully lockable bearing aided pan and tilt. 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.

Part L1A / L1B (Dwellings)

Part L2A (General)

Part L2A (Display)



PERFORMANCE

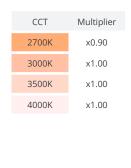
FWHM	50°
Luminous Flux	317 lm
Peak Intensity	383 cd
ССТ	2700K 3000K 3500K 4000K
CRI Min.	92 TYP
Drive Current	204.16 mA
Nom. Voltage	24 V
Max. Wattage	4.90 W
Dimming	0-10V DALI
Driver Type	Constant Voltage Remote AC to 24VDC
Class	SELV Class III

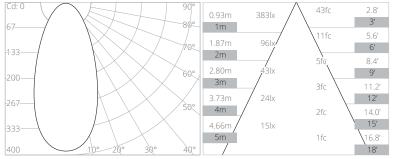
Category	IP20
Material	Machined AL 6063-T6 Machined Brass
Finishes	Brushed Aluminium White RAL9010 Black RAL9005 Rubbed Bronze* Polished Brass* Brushed Brass *
Weight	180g 0.40lb
Mounting	Basis Track 24V Monopoints
Movement	Pan 360° Tilt 180°
Lockable	Pan & Tilt
Accessories	Separate Snoots Louver Lenses 37mm (1.45")
TM65 TM66	11.06kgCO2e 2.4
Lifetime	L90B10 100,000hrs 5 year warranty

DIMENSIONS

170 (6.69) 106 (4.17) 045 (Ø1.77) mm (inches)

PHOTOMETRY





Data at 3000K

ORDER CODE

Mounting			Model	Model		Finish		ССТ		Beam Angle		
		-	481	-			-					
	Luminaire Only †				WH	White RAL 9010		2792	2700K 92CRI		UN	Ultra Narrow 11°
ВТ	Basis Track‡				ВК	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				РВ	Polished Brass					WF	Wide Flood 50°
MPX	Flat Monopoint				SB	Brushed Brass						

Example Code: MPZ-481-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

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

LIVE • +OUT **NEUTRAL** -OUT FARTH -DALI DALI

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

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 USCV-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

LIVE -+OUT **NEUTRAL** -OUT **EARTH**

ORDER CODE USCV-96-24-P-LU

LENGTH 380mm (14.9") **WIDTH** 77mm (3.03")

HEIGHT 57mm (2.24")



100W | DIMMING: DALI

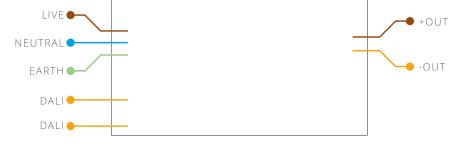
NO. OF LIGHTS PER DRIVER 1 to 15 **VOLTAGE REGION** 120V FOR NORTH AMERICA Yes

WATTAGE 100W

OUTPUT VOLTAGE 24V

SUPPLY TYPE Constant Voltage

DRIVER LOCATION Remote



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

LENGTH 550mm (21.6") **WIDTH** 65mm (2.60")

HEIGHT 57mm (2.25")



11 SERIES SPOTLIGHT ACCESSORIES

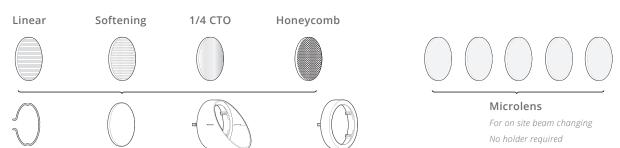


FOR USE WITH EVO 11 | RETRO 11 | MICROSPOT 11

Accessory

ACCESSORIES

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



Double Accessory Holder

Included with holder

Can hold 2 accessories

 HEIGHT
 13mm (0.512")

 DAIMETER
 43mm (1.693")

PART CODE 244-BK



Kick Reflector

Can hold 2 accessories

Kick Reflector Accessory Holder

Use only with the Glare Guard Snoot

Double Accesory Holder

Can hold 2 accessories

 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

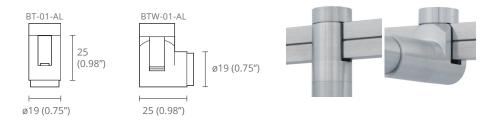
BT & BTW - BASIS TRACK

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

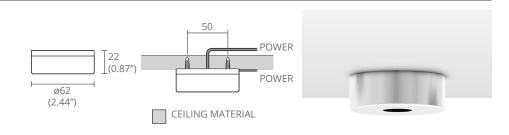


MPZ - SURFACE MONOPOINT

For blind mounting on solid surfaces

MONOPOINT CODE FINISH

MPZ-01-ALBrushed AluminiumMPZ-01-WHWhite RAL 9010MPZ-01-BKBlack RAL 9005MPZ-01-RBRubbed BronzeMPZ-01-PBPolished BrassMPZ-01-SBBrushed Brass



MPS - TRIMLESS MONOPOINT

For use with plasterboard / sheetrock

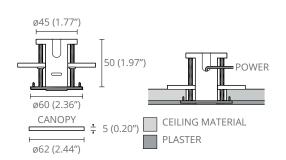
Note: Canopy not standard, for non-trimless install.

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





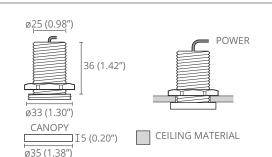
MPY - NODE MONOPOINT

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





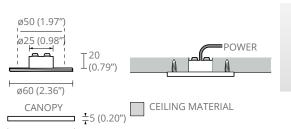
MPX - FLAT MONOPOINT

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





RCLPLLSALES@LUMINII.COM LUMINII.COM | PRECISIONLIGHTING.CO.UK

ø62 (2.44")