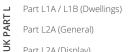
6° ULTRA NARROW BEAM



OVERVIEW

Retro 16 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 9.00W 700Im module has a peak intensity of 28223cd. An accessory holder is available separately that can accommodate 55mm (2.16") 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.









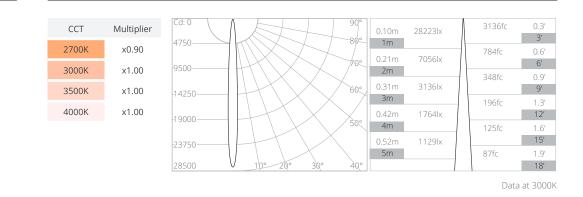
STATIC WHITE

PERFORMANCE

FWHM	б°	Category	IP20		
Luminous Flux	650 lm	Material	Machined AL 6063-T6 Machined Brass		
Peak Intensity	28223 cd	Finish and	Brushed Aluminium White RAL9010 Black RAL9005 Rubbed		
ССТ	2700K 3000K 3500K 4000K	Finishes	Bronze* Polished Brass* Brushed Brass *		
CRI Min.	92 TYP	Weight	440g 0.97lb		
Drive Current	375 mA	Mounting	Basis Track 24V Monopoints		
Nom. Voltage	24 V	Movement	Pan 360° Tilt 90°		
Max. Wattage	9.00 W	Lockable	N/A		
Dimming	0-10V DALI	Accessories	Separate Louver Lenses 55mm (2.16")		
Driver Type	Constant Voltage Remote AC to 24VDC	TM65 TM66	18.69kgCO2e 2.4		
Class	SELV Class III	Lifetime	L90B10 100,000hrs 5 year warranty		

DIMENSIONS

PHOTOMETRY



ORDER CODE

113

(4.44)

Ø66

(Ø2.59) mm (inches)

	Mounting		Model			Finish			ССТ		Beam Angle
		-	334	-			-				
	Luminaire Only †				WH	White RAL 9010		2792	2700K 92CRI	UN	Ultra Narrow 6°
BT	Basis Track ‡				BK	Black RAL 9005		3092	3000K 92CRI	NA	Narrow 10°
MPZ	Surface Monopoint				AL	Brushed Aluminium ‡		3592	3500K 92CRI	ME	Medium 15°
MPS	Trimless Monopoint				RB	Rubbed Bronze ‡		4092	4000K 92CRI	FL	Flood 30°
MPY	Node Monopoint				PB	Polished Brass				WF	Wide Flood 55°
MPX	Flat Monopoint				SB	Brushed Brass					

Example Code: MPZ-334-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

174

(6.85)

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

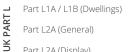
RETRO 16

10° NARROW BEAM



OVERVIEW

Retro 16 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 9.00W 700lm module has a peak intensity of 15476cd. An accessory holder is available separately that can accommodate 55mm (2.16") 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 L2A (Display)



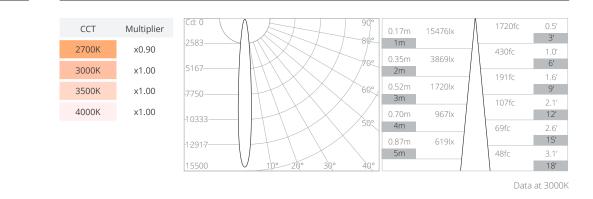
STATIC WHITE

PERFORMANCE

		_				
FWHM	10°		Category	IP20		
Luminous Flux	653 lm		Material	Machined AL 6063-T6 Machined Brass		
Peak Intensity	15476 cd		Figliphics	Brushed Aluminium White RAL9010 Black RAL9005 Rubbed		
ССТ	2700K 3000K 3500K 4000K		Finishes	Bronze* Polished Brass* Brushed Brass *		
CRI Min.	92 TYP		Weight	440g 0.97lb		
Drive Current	375 mA		Mounting	Basis Track 24V Monopoints		
Nom. Voltage	24 V		Movement	Pan 360° Tilt 90°		
Max. Wattage	9.00 W		Lockable	N/A		
Dimming	0-10V DALI		Accessories	Separate Louver Lenses 55mm (2.16")		
Driver Type	Constant Voltage Remote AC to 24VDC		TM65 TM66	18.69kgCO2e 2.4		
Class	SELV Class III		Lifetime	L90B10 100,000hrs 5 year warranty		

DIMENSIONS





ORDER CODE

113

(4.44)

Ø66

(Ø2.59) mm (inches)

	Mounting		Model			Finish			ССТ		Beam Angle
		-	334	-			-				
	Luminaire Only †				WH	White RAL 9010		2792	2700K 92CRI	UN	Ultra Narrow 6°
BT	Basis Track ‡				ВК	Black RAL 9005		3092	3000K 92CRI	NA	Narrow 10°
MPZ	Surface Monopoint				AL	Brushed Aluminium ‡		3592	3500K 92CRI	ME	Medium 15°
MPS	Trimless Monopoint				RB	Rubbed Bronze ‡		4092	4000K 92CRI	FL	Flood 30°
MPY	Node Monopoint				PB	Polished Brass				WF	Wide Flood 55°
MPX	Flat Monopoint				SB	Brushed Brass					

Example Code: MPZ-334-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

174

(6.85)

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

RETRO 16

16° MEDIUM BEAM



OVERVIEW

Retro 16 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 9.00W 700lm module has a peak intensity of 5671cd. An accessory holder is available separately that can accommodate 55mm (2.16") 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 L2A (Display)



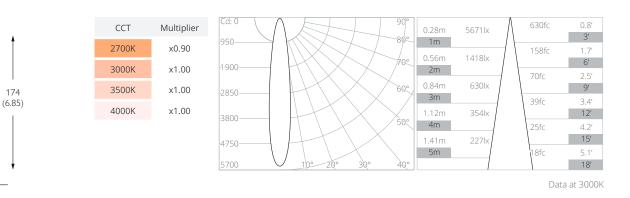
STATIC WHITE

PERFORMANCE

FWHM	16°	Category	IP20		
Luminous Flux	623 lm	Material	Machined AL 6063-T6 Machined Brass		
Peak Intensity	5671 cd	Finish and	Brushed Aluminium White RAL9010 Black RAL9005 Rubbed		
ССТ	2700K 3000K 3500K 4000K	Finishes	Bronze* Polished Brass* Brushed Brass *		
CRI Min.	92 TYP	Weight	440g 0.97lb		
Drive Current	375 mA	Mounting	Basis Track 24V Monopoints		
Nom. Voltage	24 V	Movement	Pan 360° Tilt 90°		
Max. Wattage	9.00 W	Lockable	N/A		
Dimming	0-10V DALI	Accessories	Separate Louver Lenses 55mm (2.16")		
Driver Type	Constant Voltage Remote AC to 24VDC	TM65 TM66	18.69kgCO2e 2.4		
Class	SELV Class III	Lifetime	L90B10 100,000hrs 5 year warranty		

DIMENSIONS

PHOTOMETRY



ORDER CODE

113

(4.44)

Ø66

(Ø2.59) mm (inches)

Mounting Mod	el	Finish		ССТ		Beam Angle
- 334	4 –	-	-			
Luminaire Only †	WH	White RAL 9010	2792	2700K 92CRI	UN	Ultra Narrow 6°
BT Basis Track ‡	ВК	Black RAL 9005	3092	3000K 92CRI	NA	Narrow 10°
MPZ Surface Monopoint	AL	Brushed Aluminium ‡	3592	3500K 92CRI	ME	Medium 15°
MPS Trimless Monopoint	RB	Rubbed Bronze ‡	4092	4000K 92CRI	FL	Flood 30°
MPY Node Monopoint	PB	Polished Brass			WF	Wide Flood 55°
MPX Flat Monopoint	SB	Brushed Brass				

Example Code: MPZ-334-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

174

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

30° FLOOD BEAM



OVERVIEW

Retro 16 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 9.00W 700lm module has a peak intensity of 1652cd. An accessory holder is available separately that can accommodate 55mm (2.16") 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.







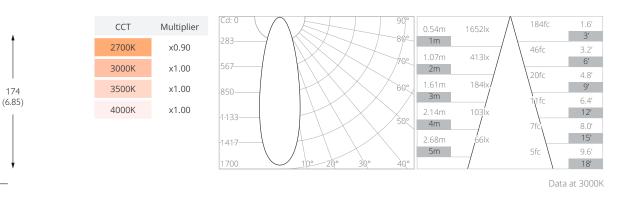
STATIC WHITE

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			
CCT	2700K 3000K 3500K 4000K	111131163	Bronze* Polished Brass* Brushed Brass *			
CRI Min.	92 TYP	Weight	440g 0.97lb			
Drive Current	375 mA	Mounting	Basis Track 24V Monopoints			
Nom. Voltage	24 V	Movement	Pan 360° Tilt 90°			
Max. Wattage	9.00 W	Lockable	N/A			
Dimming	0-10V DALI	Accessories	Separate Louver Lenses 55mm (2.16")			
Driver Type	Constant Voltage Remote AC to 24VDC	TM65 TM66	18.69kgCO2e 2.4			
Class	SELV Class III	Lifetime	L90B10 100,000hrs 5 year warranty			

DIMENSIONS

PHOTOMETRY



ORDER CODE

113

(4.44)

Ø66

(Ø2.59) mm (inches)

	Mounting		Model			Finish			ССТ		Beam Angle
		-	334	-			-				
	Luminaire Only †				WH	White RAL 9010		2792	2700K 92CRI	UN	Ultra Narrow 6°
BT	Basis Track ‡				BK	Black RAL 9005		3092	3000K 92CRI	NA	Narrow 10°
MPZ	Surface Monopoint				AL	Brushed Aluminium ‡		3592	3500K 92CRI	ME	Medium 15°
MPS	Trimless Monopoint				RB	Rubbed Bronze ‡		4092	4000K 92CRI	FL	Flood 30°
MPY	Node Monopoint				PB	Polished Brass				WF	Wide Flood 55°
MPX	Flat Monopoint				SB	Brushed Brass					

Example Code: MPZ-334-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

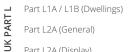
† This luminaire requires a mounting option, if ordering individually mounting option must be ordered separately

50° WIDE FLOOD BEAM



OVERVIEW

Retro 16 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 9.00W 700lm module has a peak intensity of 633cd. An accessory holder is available separately that can accommodate 55mm (2.16") 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 L2A (Display)



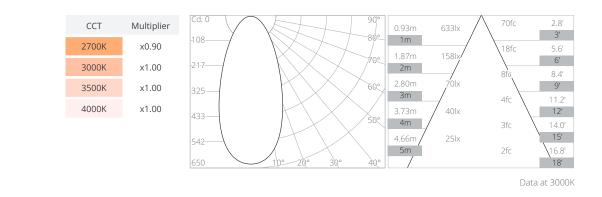
STATIC WHITE

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 *
ССТ	2700K 3000K 3500K 4000K		
CRI Min.	92 TYP	Weight	440g 0.97lb
Drive Current	375 mA	Mounting	Basis Track 24V Monopoints
Nom. Voltage	24 V	Movement	Pan 360° Tilt 90°
Max. Wattage	9.00 W	Lockable	N/A
Dimming	0-10V DALI	Accessories	Separate Louver Lenses 55mm (2.16")
Driver Type	Constant Voltage Remote AC to 24VDC	TM65 TM66	18.69kgCO2e 2.4
Class	SELV Class III	Lifetime	L90B10 100,000hrs 5 year warranty

DIMENSIONS

PHOTOMETRY



ORDER CODE

113

(4.44)

Ø66

(Ø2.59) mm (inches)

Luminaire Only † WH White RAL 9010 2792 2700K 92CRI UN Ultra Narrow 6° BT Basis Track ‡ BK Black RAL 9005 3092 3000K 92CRI NA Narrow 10°
BT Basis Track ± BK Black RAI 9005 3092 3000K 92CRI NA Narrow 10°
MPZ Surface Monopoint AL Brushed Aluminium ‡ 3592 3500K 92CRI ME Medium 15°
MPS Trimless Monopoint RB Rubbed Bronze ‡ 4092 4000K 92CRI FL Flood 30°
MPY Node Monopoint PB Polished Brass WF Wide Flood 55°
MPX Flat Monopoint SB Brushed Brass

Example Code: MPZ-334-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

174

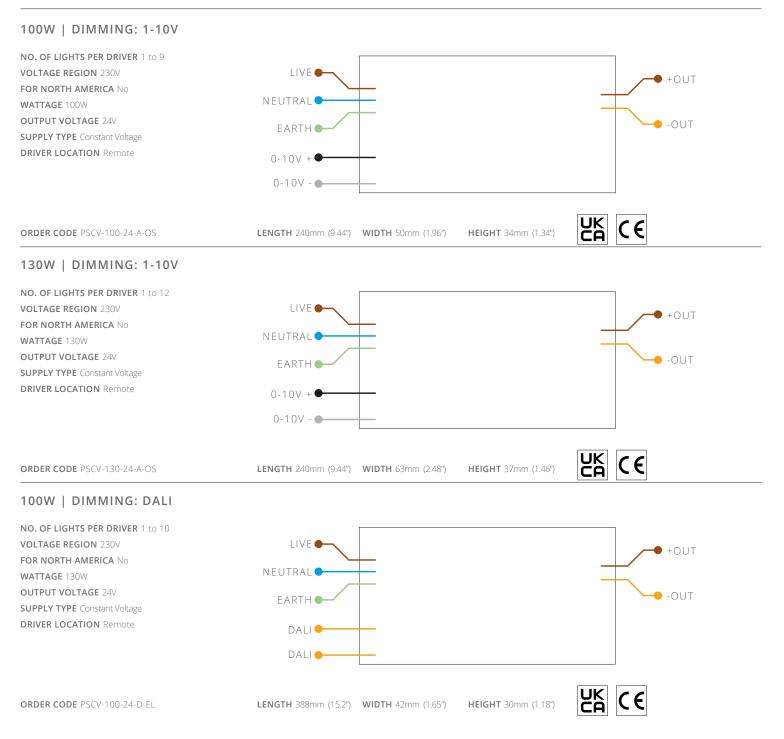
(6.85)

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

24V CONSTANT VOLTAGE 16 SERIES

DRIVER COMPATIBILITY

DRIVERS



24V CONSTANT VOLTAGE 16 SERIES

DRIVER COMPATIBILITY

DRIVERS

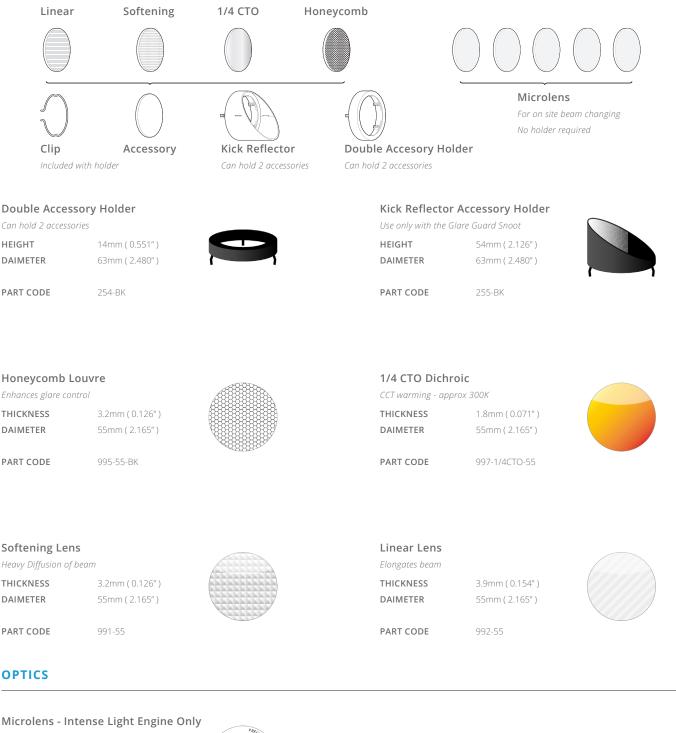


16 SERIES SPOTLIGHT ACCESSORIES

FOR USE WITH EVO 16 | RETRO 16 | MICROSPOT 16

ACCESSORIES

The 16 series track and surface spotlights can accomodate accessories with snap in accessory holders.



For on site beam angle changes. No holder required.

THICKNESS DAIMETER	1.0mm (0. 49.5mm (1		
PART CODE	931-01	Ultra Narrow	
	931-02	Narrow	
	931-03	Medium	
	931-04	Flood	
	931-05	Wide Flood	

24V CONSTANT VOLTAGE SYSTEM

MOUNTING OPTIONS

MOUNTING OPTIONS

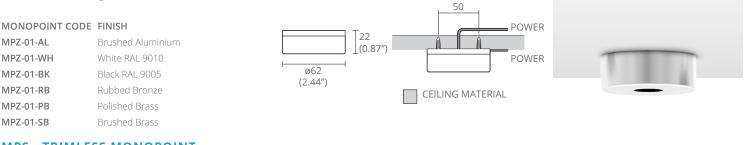
BT & BTW - BASIS TRACK

For use with Precision Lighting Basis Track

ADAPTOR CODE BT-01-AL BT-01-RB	FINISH Brushed Aluminium Rubbed Bronze	BT-01-AL	BTW-01-AL	-Est
BTW-01-AL BTW-01-RB	Brushed Aluminium Rubbed Bronze	ø19 (0.75")	∅19 (0.75") 25 (0.98")	

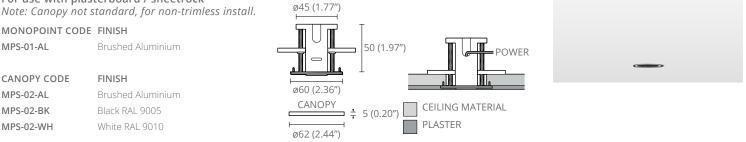
MPZ - SURFACE MONOPOINT

For blind mounting on solid surfaces



MPS - TRIMLESS MONOPOINT

For use with plasterboard / sheetrock



MPY - NODE MONOPOINT

For use in cabinetry Note: rear access required after install

MONOPOINT CODE EINICH

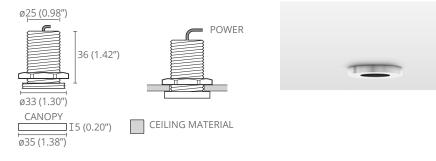
MPS-01-AL

MPS-02-AL

MPS-02-BK

MPS-02-WH

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



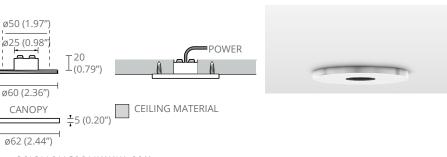
prec

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