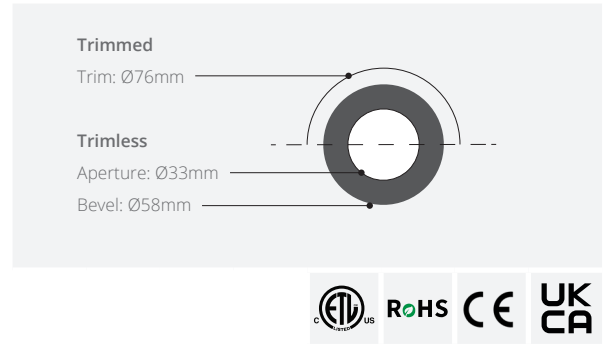


# MINIMO PRO

WITH PRECISION TUNABLE WHITE LIGHT ENGINE

TUNABLE WHITE



## OVERVIEW

Minimo Pro features the all-new Precision Tunable White light engine: Precision Tunable White offers specifiers tunable CCT ranges (1800-3000K and 2700-5000K) all through a color mixing TIR optic. This is a constant current downlight machined from aerospace grade aluminum 6063-T6 and comes with a range of standard and premium finishes. It has four tool-less field changeable optics for flexible beam distribution. Minimo Pro has up to 35° tilt whilst the integral accessory holder can accommodate a lens or louvre for additional glare control.

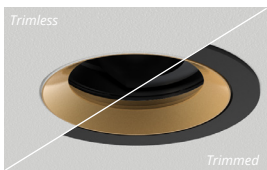
## KEY FEATURES

- Fixed or 35° adjustable tilt
- Tool-less field changeable optics
- High power 2 channel COB light engine
- Beveled or Pinhole aesthetic
- Trimmed or Trimless

	1800 - 3000K or 2700 - 5000K Tunable White			
	Medium	Wide	Very Wide	Ultra Wide
FWHM	25°	32°	46°	56°
Lumen	874 lm	902 lm	892 lm	877 lm
Peak cd	3600 cd	2930 cd	1560 cd	1080 cd
CCT	1800 - 3000K   2700 - 5000K			
CRI Min	92 CRI			
LED Current	0.35 A			
LED Voltage	36V DC			
Wattage	12.6 W			
Efficacy	72 lm/W			
Driver Type	Remote DALI, 0-10V			
Location	IP20   IP54			

\* Luminous Flux @ 3000K as delivered

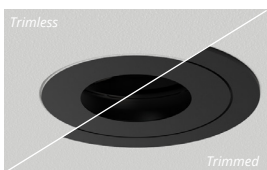
## LUMINAIRE ORDER CODE - BEVELED APERTURE



Trim Type	Function	Trim Finish	Aperture Finish	CCT	Beam Angle
RCD Trimmed	631C Fixed IP20	X Trimless	W White RAL 9010	T01 1800-3000K	ME Medium 25°
RCT Trimless	633C Fixed IP54	W White RAL 9010	B Black RAL 9005	T02 2700-5000K	WD Wide 32°
	635C Adjustable IP20	B Black RAL 9005	G Matt Gold Paint		VW Very Wide 46°
	637C Adjustable IP54	A Brushed Aluminium			UW Ultra Wide 56°
		R Rubbed Bronze <sup>1</sup>			
		P Polished Brass <sup>1</sup>			
		S Brushed Brass <sup>1</sup>			
		C Polished Chrome <sup>1</sup>			

Notes  
<sup>1</sup> Premium & custom finishes are built to order, subject to an extended lead time.  
 Code example: **RCD-636C-WW-T01ME**

## LUMINAIRE ORDER CODE - PINHOLE APERTURE



Trim Type	Function	Trim Finish	Aperture Finish	CCT	Beam Angle
RCD Trimmed	632C Fixed IP20	X Trimless	W White RAL 9010	T01 1800-3000K	ME Medium 25°
RCT Trimless	634C Fixed IP54	W White RAL 9010	B Black RAL 9005	T02 2700-5000K	WD Wide 32°
	636C Adjustable IP20	B Black RAL 9005			VW Very Wide 46°
	638C Adjustable IP54				UW Ultra Wide 56°

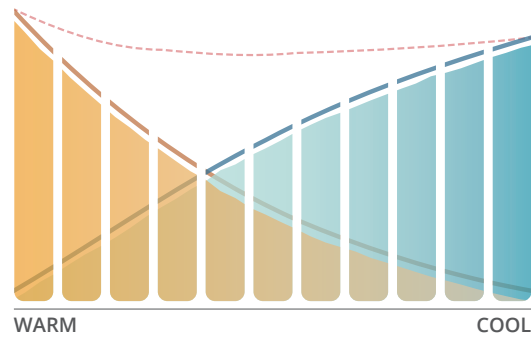
## DRIVER ORDER CODE

Driver Region	CCT Range	Dim Protocol
PSCC-RM-630 230V AC	T01 1800-3000K	01D DALI DT6
USCC-RM-630 120/277V AC	T02 2700-5000K	01E DALI DT8
		01A 0-10V 2 Channels <sup>2</sup>

Notes  
<sup>2</sup> Only available for North America

## LIGHT ENGINE SELECTION

Precision's Tunable White technology allows users to adjust the correlated colour temperature (CCT) of their fixture on demand, with options for analogue, digital, or wireless control. Two tuning ranges are available to suit a range of applications. Ultra-warm 1800K to 3000K is perfectly suited to mood-setting in residential and hospitality applications. Alternatively, 2700K to 5000K allows tuning between warm and cool light to support human-centric applications, or tonal adjustments when lighting artworks. By default, our tunable white fixtures are biased towards maximising the total lumen output across the tuning range, but it is possible to configure the fixture to maintain light output instead. Speak to your sales rep for more details.



## LIFETIME & ENVIRONMENTAL

At Precision, we design and engineer our products with longevity in mind. Many of the components that make up our light fixtures are both modular and re-usable, making it possible to service and repair them throughout their life in service. Once our products reach the end of their useful life, it is possible to re-work and renew them in to a new product. We prioritise the use of recyclable materials in both our products and packaging, and encourage our customers to engage responsibly in the correct disposal of any materials we supply.

	Warm Dim	Tunable White
<b>UK PART L</b>		
Part L1A / L1B (Dwellings)	●	●
Part L2A (General)	○	○
Part L2A (Display)	●	●
<b>CIBSE TM65</b>	13.09 Kg/CO2e	
<b>CIBSE TM66</b>	2.2	
<b>Lifetime</b>	L90 50,000 hrs min	
<b>Warranty</b>	5 Years	

# MINIMO PRO

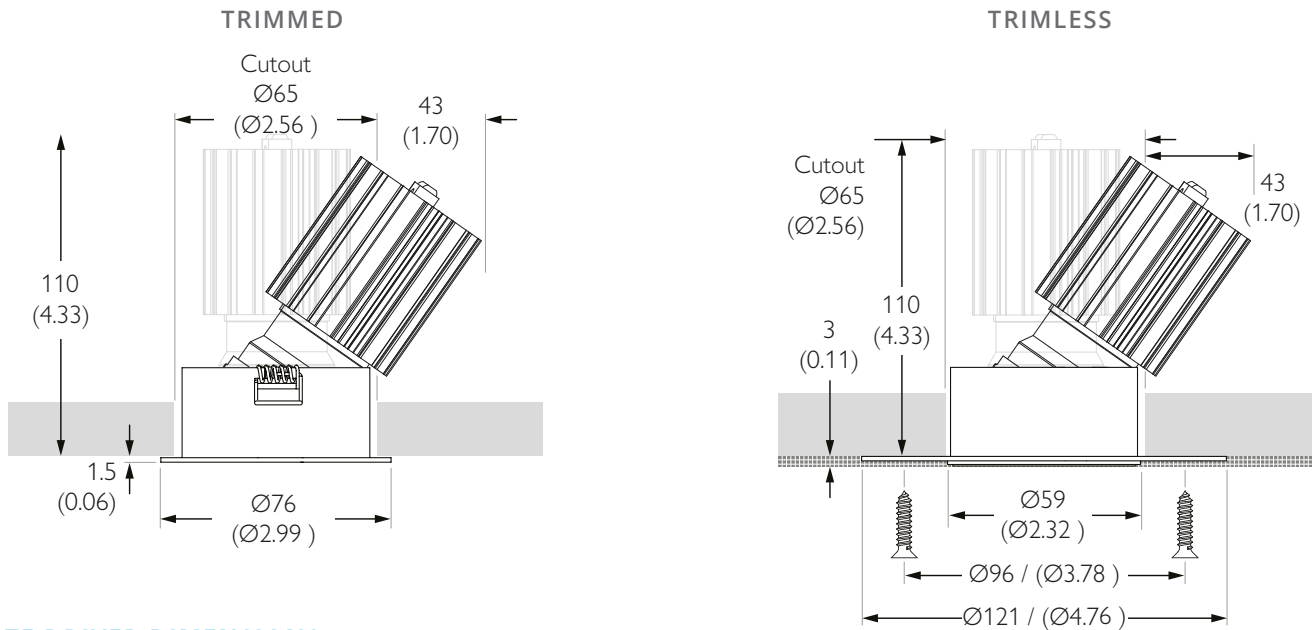
WITH PRECISION TUNABLE WHITE LIGHT ENGINE

TUNABLE WHITE

## MECHANICAL

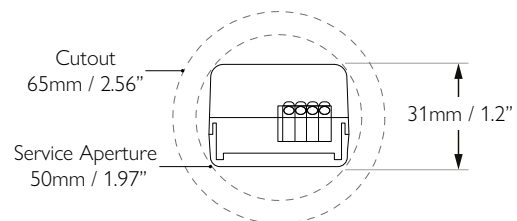
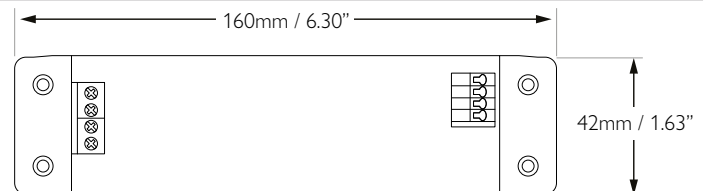
<b>Location</b>	IP20 or IP54	<b>Ceiling Thickness</b>	3-25mm
<b>Mounting</b>	Recessed - non-insulation-coverable	<b>Cutout</b>	ø65mm
<b>Adjustability</b>	Fixed or 35° Tilt, 360° Rotation	<b>Min Void</b>	130mm
<b>Material</b>	Aluminium 6063-T6	<b>Optics</b>	Site Changeable
<b>Weight</b>	250g		

## DIMENSIONS

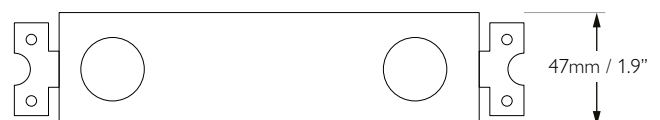
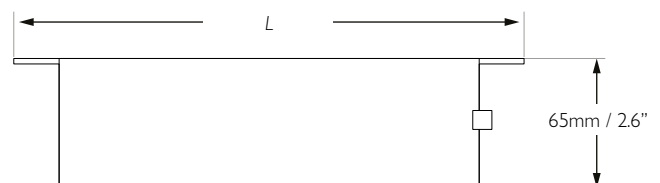


## REMOTE DRIVER DIMENSIONS

Dim Type	DALI DT6	DALI DT8
<b>Voltage In</b>	230V AC	230V AC
<b>Min Dim %</b>	0.1%	0.1%
<b>Wiring Length</b>	36m series	36m series
<b>Code 1800-3000K</b>	PSCC-RM-630T01-01D	PSCC-RM-630T01-01E
<b>Code 2700-5000K</b>	PSCC-RM-630T02-01D	PSCC-RM-630T02-01E



Dim Type	DALI DT6	DALI DT8	0-10V 2 Channels
<b>Voltage In</b>	120/277V AC	120/277V AC	120/277V AC
<b>Min Dim %</b>	0.1%	0.1%	0.1%
<b>Wiring Length</b>	36m series (118')	36m series (118')	36m series (118')
<b>Length (L)</b>	348m (13.7')	348m (13.7')	348m (13.7')
<b>Code 1800-3000K</b>	USCC-RM-630T01-01D	USCC-RM-630T01-01E	USCC-RM-630T01-01A
<b>Code 2700-5000K</b>	USCC-RM-630T02-01D	USCC-RM-630T02-01E	USCC-RM-630T02-01A



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## TRIM & APERTURE TYPES



TRIMMED  
PINHOLE



TRIMLESS  
PINHOLE

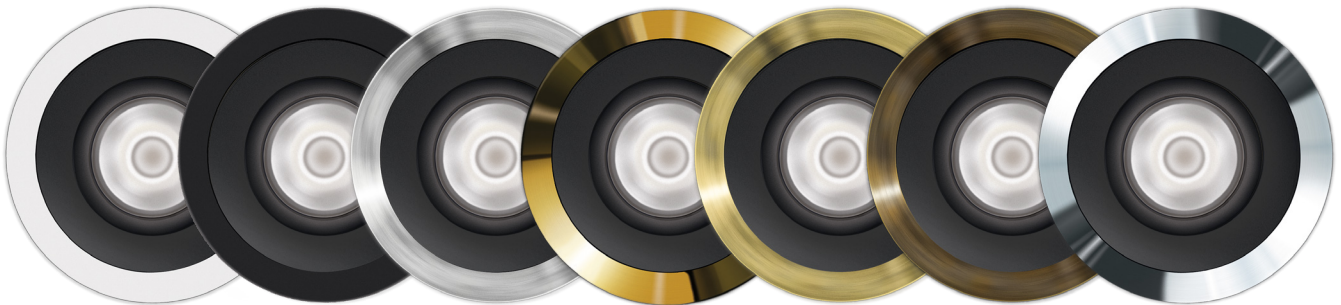


TRIMMED  
BEVELED



TRIMLESS  
BEVELED

## TRIM FINISHES



WHITE

BLACK

BRUSHED  
ALUMINUM

POLISHED  
BRASS

BRUSHED  
BRASS

RUBBED  
BRONZE

POLISHED  
CHROME

## APERTURE FINISHES



BEVELED

PINHOLE

BLACK

MATTE GOLD

WHITE

WHITE

BLACK

## OUTPUT SCALING

CCT	Multiplier	CRI	R9	Rf	Rg	Max Delivered lm
1800K	0.57	92	68	90	99	514lm
2400K	0.77	92	80	90	99	695lm
<b>3000K</b>	<b>1.00</b>	<b>92</b>	<b>75</b>	<b>90</b>	<b>99</b>	<b>902lm</b>
4000K	1.05	91	70	89	99	947lm
5000K	1.06	91	65	89	99	956lm

All diagrams and data measured at 3000K.

## PHOTOMETRY

<p><b>Medium</b></p> <p>FWHM 25°</p> <p>Delivered Flux 874 lm</p> <p>Peak Intensity 3600 cd</p> <p>UGR UGR 14.3</p>		<table border="1"> <thead> <tr> <th>Distance (m)</th> <th>Beam Diameter (m)</th> <th>Peak Intensity (cd)</th> <th>Footcandle (fc)</th> <th>Beam Diameter (ft)</th> </tr> </thead> <tbody> <tr><td>0.44m</td><td></td><td>3600lx</td><td>400fc</td><td>1.3'</td></tr> <tr><td>1m</td><td></td><td>900lx</td><td>100fc</td><td>3'</td></tr> <tr><td>0.89m</td><td></td><td>900lx</td><td>100fc</td><td>2.7'</td></tr> <tr><td>2m</td><td></td><td>400lx</td><td>44fc</td><td>6'</td></tr> <tr><td>1.33m</td><td></td><td>225lx</td><td>25fc</td><td>4.0'</td></tr> <tr><td>3m</td><td></td><td>144lx</td><td>16fc</td><td>9'</td></tr> <tr><td>1.77m</td><td></td><td>111lx</td><td>12fc</td><td>5.3'</td></tr> <tr><td>4m</td><td></td><td>90lx</td><td>10fc</td><td>12'</td></tr> <tr><td>2.22m</td><td></td><td>81lx</td><td>9fc</td><td>6.7'</td></tr> <tr><td>5m</td><td></td><td>72lx</td><td>8fc</td><td>15'</td></tr> <tr><td></td><td></td><td></td><td>11fc</td><td>8.0'</td></tr> <tr><td></td><td></td><td></td><td></td><td>18'</td></tr> </tbody> </table>	Distance (m)	Beam Diameter (m)	Peak Intensity (cd)	Footcandle (fc)	Beam Diameter (ft)	0.44m		3600lx	400fc	1.3'	1m		900lx	100fc	3'	0.89m		900lx	100fc	2.7'	2m		400lx	44fc	6'	1.33m		225lx	25fc	4.0'	3m		144lx	16fc	9'	1.77m		111lx	12fc	5.3'	4m		90lx	10fc	12'	2.22m		81lx	9fc	6.7'	5m		72lx	8fc	15'				11fc	8.0'					18'
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## OPTICS & ACCESSORIES

Optics can be changed in the field by simply unscrewing the optic cap, avoid touching the exposed LED when changing optic.

### Optics



#### Narrow TIR Optic

For Minimo Plus

Order Code

HKHG-35-15-PMMA

#### Medium TIR Optic

For Minimo Plus

Order Code

HKHG-35-24-PMMA

#### Wide TIR Optic

For Minimo Plus

Order Code

HKHG-35-36-PMMA

#### Very Wide TIR Optic

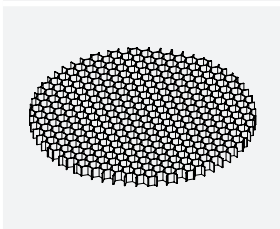
For Minimo Plus

Order Code

HKHG-35-50-PMMA

Minimo Tunable White can accommodate up to 2 accessories. When 2 accessories are installed the white optic spacer must be removed.

### Glare Control



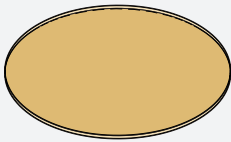
#### Honeycomb Louvre

Ø32x3.2mm | Ø1.26x0.126"

Order Code

995-32-BK

### Colour Modifiers



#### 1/4 CTO Filter

Ø32 x 18mm | Ø1.26 x 0.071"

Order Code

997-1/4CTO-32



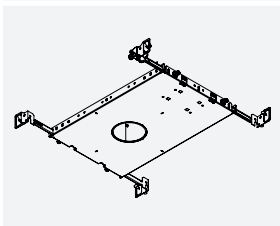
#### Custom Colour Filter

Ø32 x 18mm | Ø1.26 x 0.071"

Order Code

Contact Sales Rep

### Mounting



#### Pan frame with hangers

406-610mm | 16-24" spacing

Order Code

MP-PAN-NIC

# MINIMO PRO

precision  
by luminii

WITH PRECISION TUNABLE WHITE LIGHT ENGINE

TUNABLE WHITE

## LUMINAIRE MODULE DETAILS

