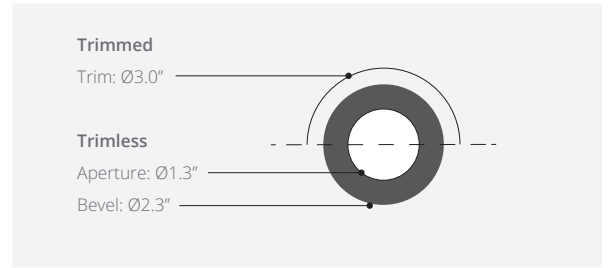


MINIMO PRO

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 louver 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
- IC rated

	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			
Voltage In	120-277 VAC			
Wattage	12.6 W			
Efficacy	72 lm/W			
Driver Type	Remote DALI, 0-10V			
Location	UL Dry & Damp location			

* Luminous Flux @ 3000K as delivered

LUMINAIRE ORDER CODE

Base Code	Function	Trim Type	Aperture	CCT	Output	Beam Angle	Trim Finish	Aperture Finish
MP								
F	Fixed	L Trimless	F Flat pinhole	TW3 1800-3000K	10 1000lm	M Medium 25°	Pinhole finish options	
A	Adjustable	T Trimmed	B Beveled	TW5 2700-5000K		W Wide 32°	XX Trimless	WH White RAL9010
						V Very Wide 46°	WH White RAL9010	BK Black RAL9005
						U Ultra Wide 56°	BK Black RAL9005	
							Beveled finish options	
							XX Trimless	WH White RAL9010
							WH White RAL9010	BK Black RAL9005
							BK Black RAL9005	MG Matt Gold Paint
							AL Brushed Aluminium	
							RB Rubbed Bronze ¹	
							PB Polished Brass ¹	
							BR Brushed Brass ¹	
							PC Polished Chrome ¹	

HOUSING / DRIVER ORDER CODE

Base Code	Type	Trim Type	Output	Driver
MP				
HIC	Housing IC Rated	To match fixture above	10 1000lm	Remote Driver Only
HCP	Housing Chicago Plenum Rated			210L 0-10V Linear 0.1% dim
				210G 0-10V Logarithmic 0.1% dim
				TW3DALI8 DALI 0.1% dim 1800-3000K 0.1% dim
				TW5DALI8 DALI 0.1% dim 2700-5000K 0.1% dim
				ND Housing only, remote driver required

Notes

¹ Premium & custom finishes are built to order, subject to an extended lead time.

² When using ND spec a standalone remote driver is required.

Code example

Fixture: **MPA-TF-TW3-10-M-WHWH**
Housing / Driver: **MP-HIC-T-10-210L**

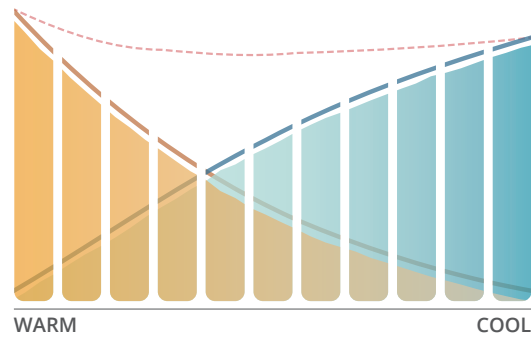
MINIMO PRO

WITH PRECISION TUNABLE WHITE LIGHT ENGINE

TUNABLE WHITE

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.

Lifetime	L90 50,000 hrs min
Declare	Yes: I-13 Red List Declared
Title 24 JA8	Certified
Warranty	5 Years

MINIMO PRO

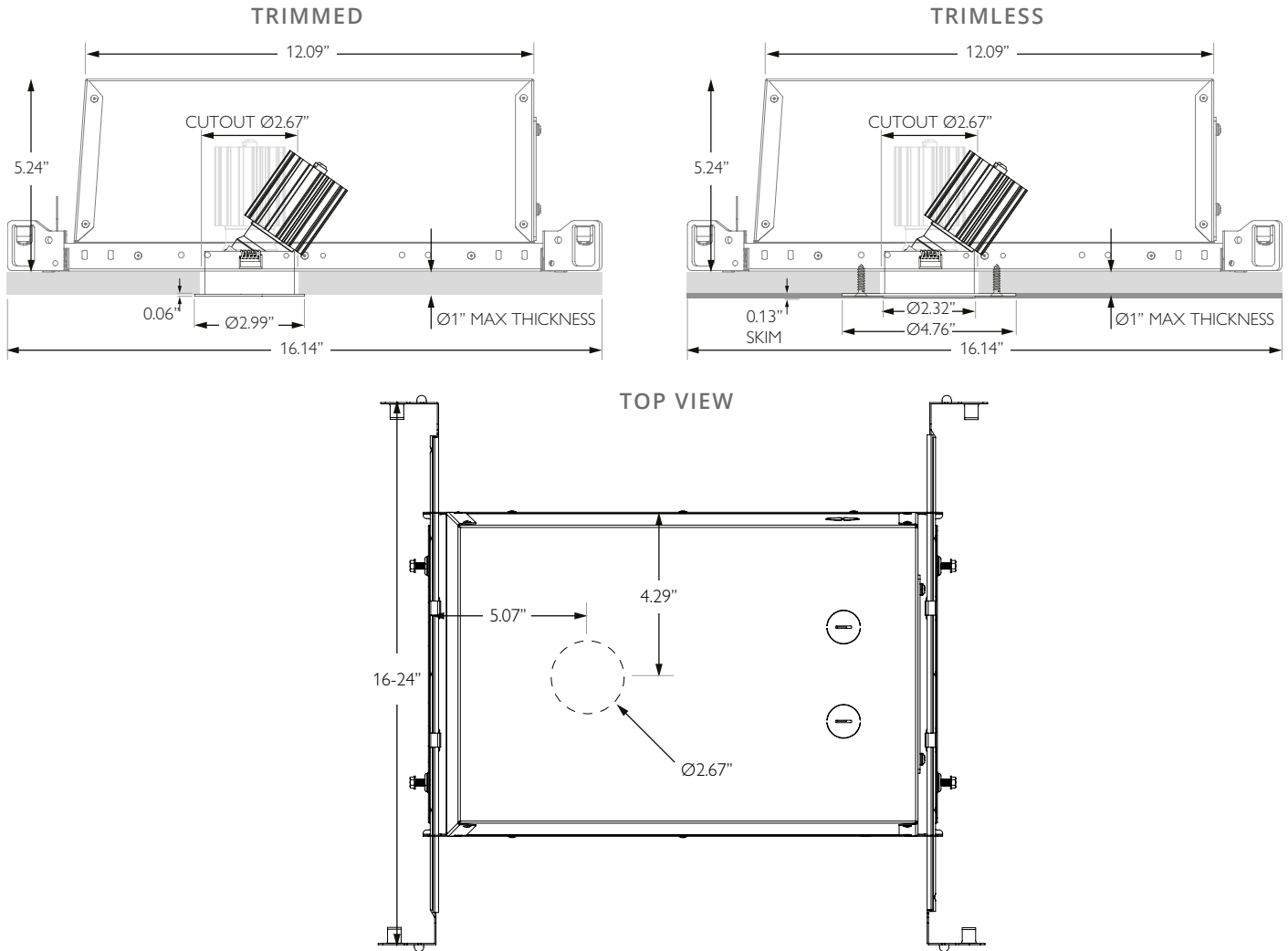
WITH PRECISION TUNABLE WHITE LIGHT ENGINE

TUNABLE WHITE

MECHANICAL

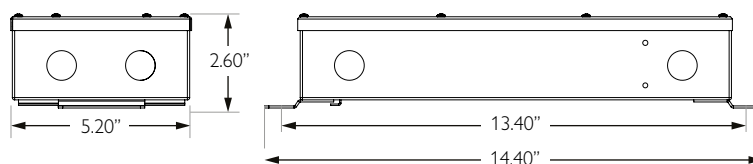
Location	Suitable for dry and damp locations	Ceiling Thickness	0.12-1.00"
Mounting	Recessed, IC Rated	Cutout	Ø2.67"
Adjustability	Fixed or 35° Tilt, 360° Rotation	Min Plenum	5.25"
Material	Aluminium 6063-T6 & Steel	Optics	Field Changeable
Weight	6.18 lb (with integral driver)		

DIMENSIONS



Notes - No Integral driver -UNV option for Tunable
 For housing only -ND a remote driver is required to power the product
 For Retrofit, or Non-IC pan frame installation please use the Intertek (ETL) certified style of Minimo, part code starting 'RC'

REMOTE DRIVER DIMENSIONS



Notes - Remote driver required for DMX, DALI, Lutron & 0-10V with 0.1% dimming.

MINIMO PRO

WITH PRECISION TUNABLE WHITE LIGHT ENGINE

TUNABLE WHITE

TRIM & APERTURE TYPES



TRIMMED
PINHOLE



TRIMLESS
PINHOLE

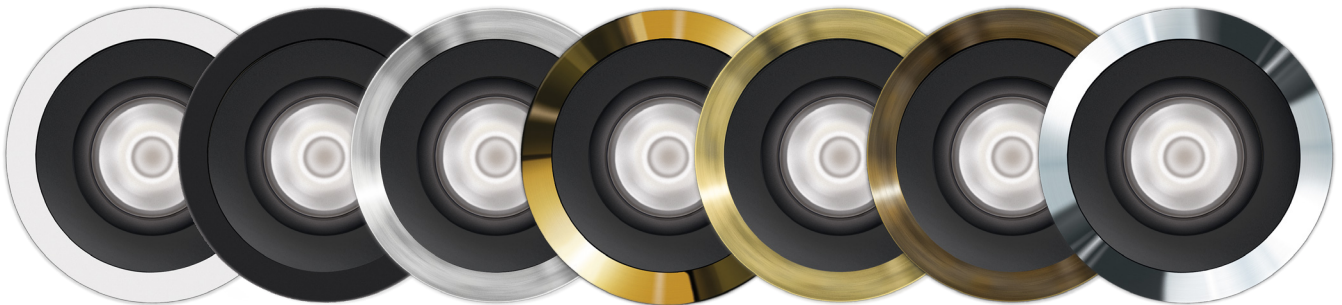


TRIMMED
BEVELED



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

MINIMO PRO

WITH PRECISION TUNABLE WHITE LIGHT ENGINE

TUNABLE WHITE

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
3000K	1.00	92	75	90	99	902lm
4000K	1.05	91	70	89	99	947lm
5000K	1.06	91	65	89	99	956lm

All diagrams and data measured at 3000K.

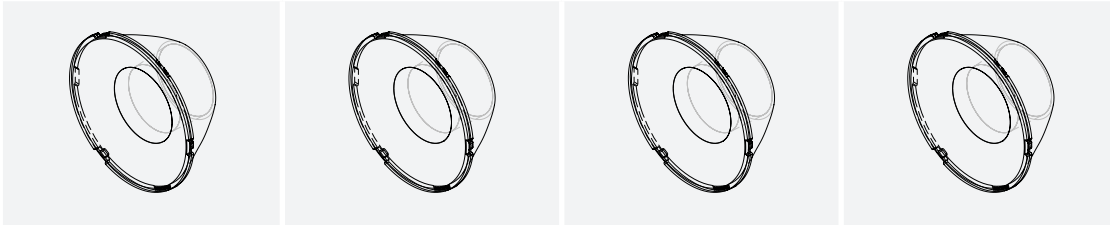
PHOTOMETRY

<p>Medium</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>56lx</td><td>6fc</td><td>12'</td></tr> <tr><td>2.22m</td><td></td><td>36lx</td><td>4fc</td><td>6.7'</td></tr> <tr><td>5m</td><td></td><td>14lx</td><td>1.5fc</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		56lx	6fc	12'	2.22m		36lx	4fc	6.7'	5m		14lx	1.5fc	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

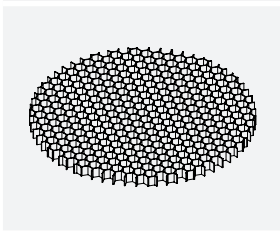
For Minimo Plus

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



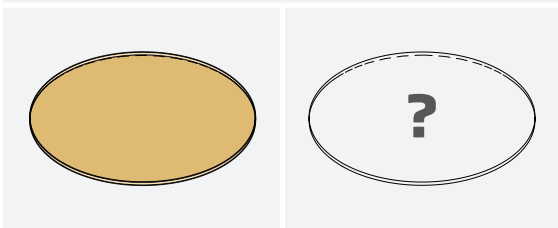
Honeycomb Louvre

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

MINIMO PRO

precision
by luminii

WITH PRECISION TUNABLE WHITE LIGHT ENGINE

TUNABLE WHITE

LUMINAIRE MODULE DETAILS

