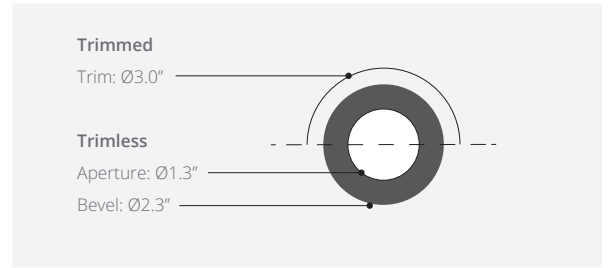


MINIMO PRO

precision
by luminii

WITH PRECISION INTENSE LIGHT ENGINE

STATIC WHITE



OVERVIEW

Minimo Pro features the Precision Intense light engine: Precision Intense offers specifiers a high CRI single source beam focused on delivering high peak cd with narrow beams. 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 five tool-less site 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 peak intensity
- Ultra narrow beams
- Beveled or Pinhole aesthetic
- Trimmed or Trimless

	▸ intense ◀				
	Ultra Narrow	Narrow	Medium	Flood	Wide Flood
FWHM	11°	14°	18°	30°	50°
Lumen	661 lm	650 lm	643 lm	555 lm	546 lm
Peak cd	12512 cd	8971 cd	5754 cd	1813 cd	660 cd
CCT	2700K 3000K 3500K 4000K				
CRI Min	92 CRI 92 CRI 92 CRI 90 CRI				
LED Current	0.7 A				
Voltage In	120-277 VAC				
Wattage	8.4 W				
Efficacy	79 lm/W				
Driver Type	Remote DALI, DMX, 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	27K 2700K	06 660lm	U Ultra Narrow 11°	Pinhole finish options	
A	Adjustable	T Trimmed	B Beveled	30K 3000K		N Narrow 14°	XX Trimless	WH White RAL9010
				35K 3500K		M Medium 18°	WH White RAL9010	BK Black RAL9005
				40K 4000K		W Wide 30°	BK Black RAL9005	
						V Very Wide 50°	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	06 660lm	Remote Driver Only
HCP	Housing Chicago Plenum Rated			010L 0-10V Linear 0.1% dim
				010G 0-10V Logarithmic 0.1% dim
				DALI DALI 0.1% dim
				DMX DMX 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 the driver supplied with 010L | 010G | DALI | DMX models can power multiple lights, or purchasing a standalone remote driver is required.

Code example

Fixture: **MPA-TF-30K-06-N-WHWH**
Housing / Driver: **MP-HIC-T-06-DALI**

LIGHT ENGINE SELECTION

Select from Precision's two carefully engineered Static White light engines for Minimo to best suit your application or project needs:

plus⁺

Precision's Plus light engines offer the best balance between delivered lumens, beam quality and outstanding colour rendition.

- + Increased Lumen Output
- + CRI 98 Typical
- + 2 Step Binning

▸ intense ◀

Precision's signature Intense light engines offer tight, surgical beams combined with the highest Peak Intensity values available.

- + Ultra-Tight Beams
- + High Peak Cd
- + 2 Step Binning

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 INTENSE LIGHT ENGINE

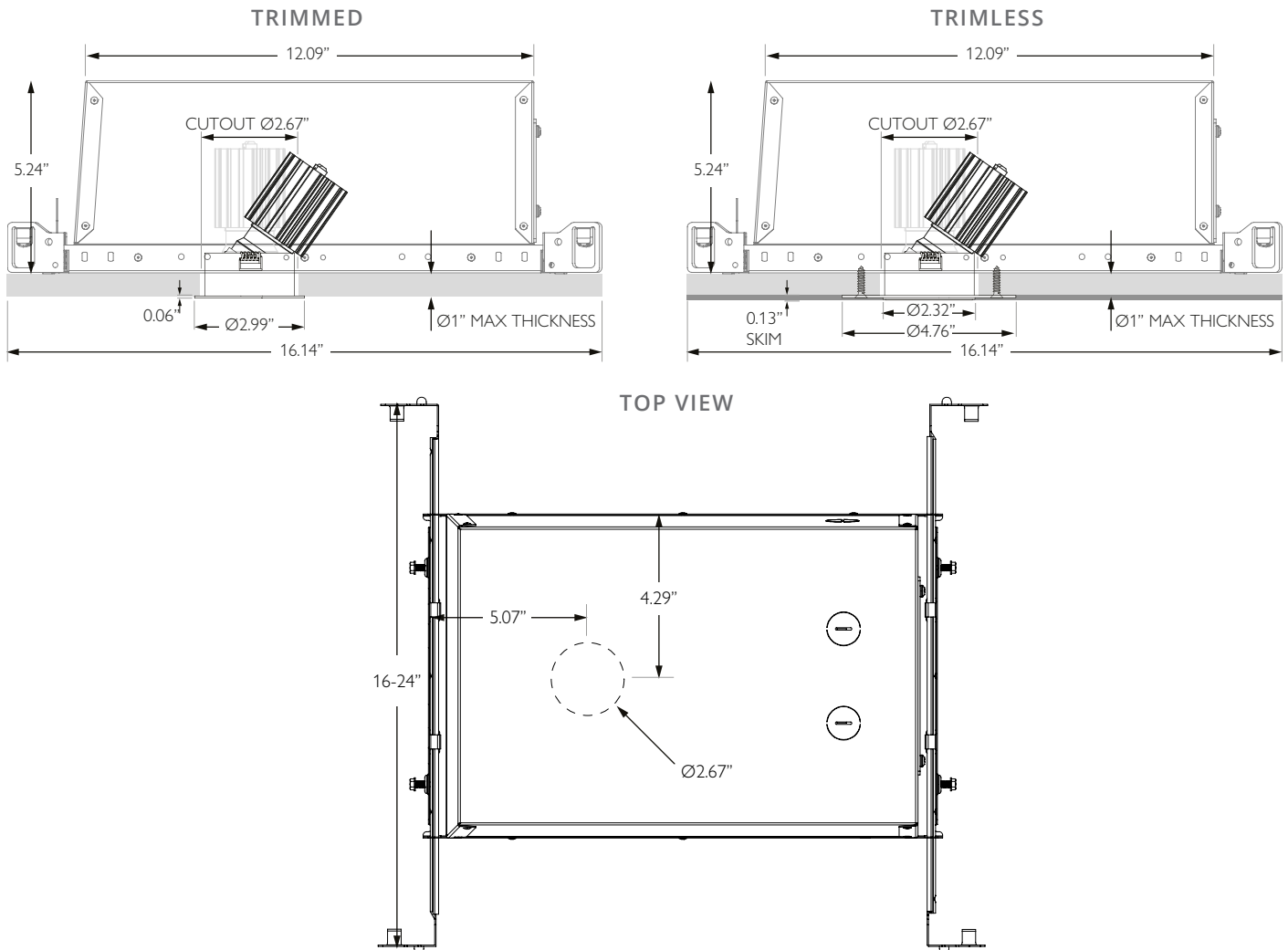
STATIC WHITE

MECHANICAL

Location	Suitable for dry and damp locations
Mounting	Recessed, IC Rated
Adjustability	Fixed or 35° Tilt, 360° Rotation
Material	Aluminium 6063-T6 & Steel
Weight	6.18 lb

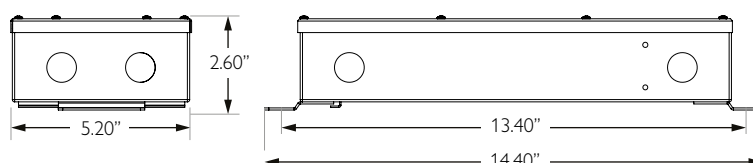
Ceiling Thickness	0.12-1.00"
Cutout	Ø2.67"
Min Plenum	5.25"
Optics	Field Changeable

DIMENSIONS



Notes - No Integral driver -UNV option for Intense
 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 always required.
 Remote driver is included with 010L | 010G | DALI | DMX

MINIMO PRO

WITH PRECISION INTENSE LIGHT ENGINE

STATIC WHITE

TRIM & APERTURE TYPES



TRIMMED
PINHOLE



TRIMLESS
PINHOLE

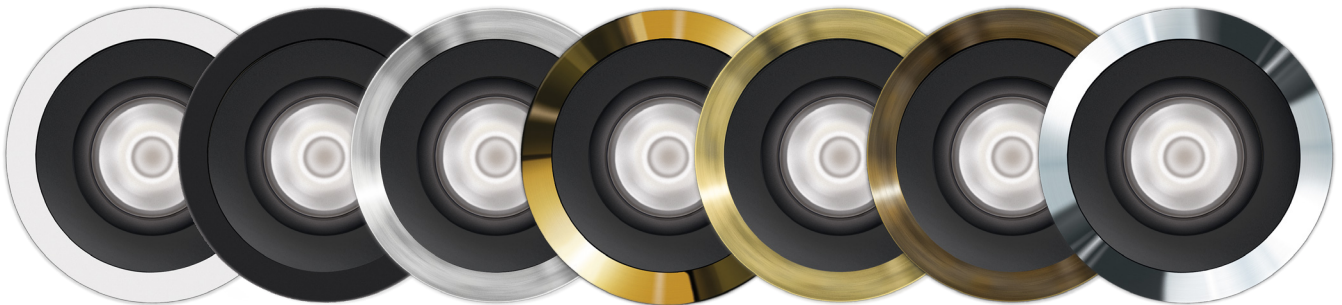


TRIMMED
BEVELED



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 INTENSE LIGHT ENGINE

STATIC WHITE

OUTPUT SCALING

CCT	Multiplier	CRI	R9	Rf	Rg	Max Delivered lm
2400K	-	-	-	-	-	-
2700K	0.93	92	60	90	98	615lm
3000K	1.00	92	61	90	99	661lm
3500K	1.00	92	60	90	99	661lm
4000K	1.08	92	60	90	99	714lm

All diagrams and data measured at 3000K.

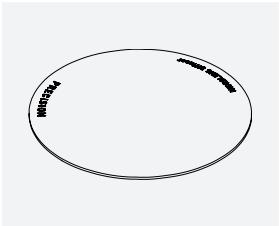
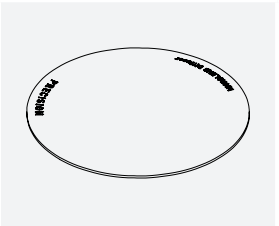
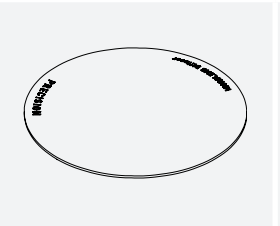
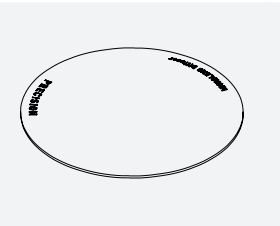
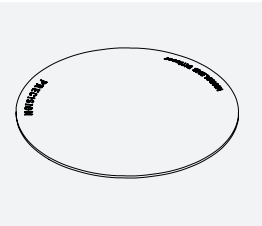
PHOTOMETRY

Beam Type	FWHM	Delivered Flux	Peak Intensity	UGR
Ultra Narrow	11°	661 lm	12512 cd	UGR 13
Narrow	14°	650 lm	8971 cd	UGR 13.3
Medium	18°	643 lm	5754 cd	UGR 13.7
Flood	30°	555 lm	1831 cd	UGR 15.9
Wide Flood	50°	546 lm	660 cd	UGR 20.5

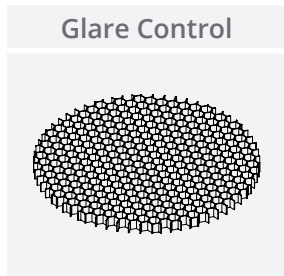
Beam Type	Beam Diameter (m)	Beam Diameter (ft)	Peak Intensity (cd)	Footcandle (fc)
Ultra Narrow	0.19m	0.6'	12512lx	1390fc
	1m	3'	348fc	1.2'
	0.39m	1.2'	3128lx	6'
	2m	6'	154fc	1.7'
	0.58m	1.9'	1390lx	9'
Narrow	0.25m	0.7'	8971lx	997fc
	1m	3'	249fc	1.5'
	0.49m	1.5'	2243lx	6'
	2m	6'	111fc	2.2'
	0.74m	2.2'	997lx	9'
Medium	0.32m	1.0'	5754lx	639fc
	1m	3'	160fc	1.9'
	0.63m	1.9'	1439lx	6'
	2m	6'	71fc	2.9'
	0.95m	2.9'	639lx	9'
Flood	0.54m	1.6'	1831lx	201fc
	1m	3'	50fc	3.2'
	1.07m	3.2'	453lx	6'
	2m	6'	22fc	4.8'
	1.61m	4.8'	201lx	9'
Wide Flood	0.93m	2.8'	660lx	73fc
	1m	3'	18fc	5.6'
	1.87m	5.6'	165lx	6'
	2m	6'	8fc	8.4'
	2.80m	8.4'	73lx	9'

OPTICS & ACCESSORIES

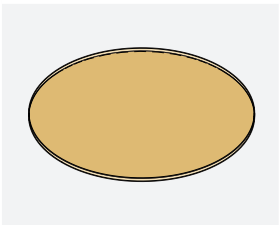
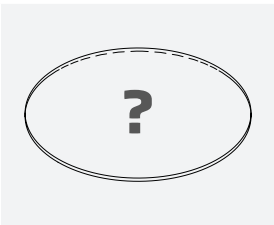
MicroLens optics can be changed in the field by simply unscrewing the optic cap, avoid touching the exposed LED when changing optic.

Optics				
				
Ultra Narrow Microlens For Minimo Intense Order Code 921-01	Narrow Microlens For Minimo Intense Order Code 921-02	Medium Microlens For Minimo Intense Order Code 921-03	Flood Microlens For Minimo Intense Order Code 921-04	Wide Flood Microlens For Minimo Intense Order Code 921-05

Minimo Intense can accommodate up to 1 accessory.



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

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LUMINAIRE MODULE DETAILS

