



NIGHTFALL

2021 01



Flexibility like nothing **ELS**e.

Australian made like nothing ELSE.

The famous Australian Made, Australian Grown (AMAG) logo is the true mark of Aussie authenticity. It's Australia's most trusted, recognised and widely used country of origin symbol, and is underpinned by a third-party accreditation system which ensures products that carry the logo are certified as 'genuinely Australian'.

Efficient Lighting Systems is proud to have the strong backing of the Australian Made campaign for the Nightfall Downlight Range.



Our commitment to designing and building luminaires that last.

Efficient Lighting Systems understands the importance of creating sustainable, quality luminaires that are built to last. This commitment to designing and producing quality luminaires is controlled through the use of the highest quality components and our strict quality control processes from design through to delivery.

This commitment ensures our luminaires are built to last and this is why we back this claim with a 7 year warranty for the Nightfall Downlight Range. Our specialty extended 10 year warranty is offered on an individual project basis, upon assessment.

ELS

7
YEAR
WARRANTY

10
YEAR
-EXTENDED-
WARRANTY

Durability like
nothing ELS^e.

Designed and made in Australia for maximum flexibility.

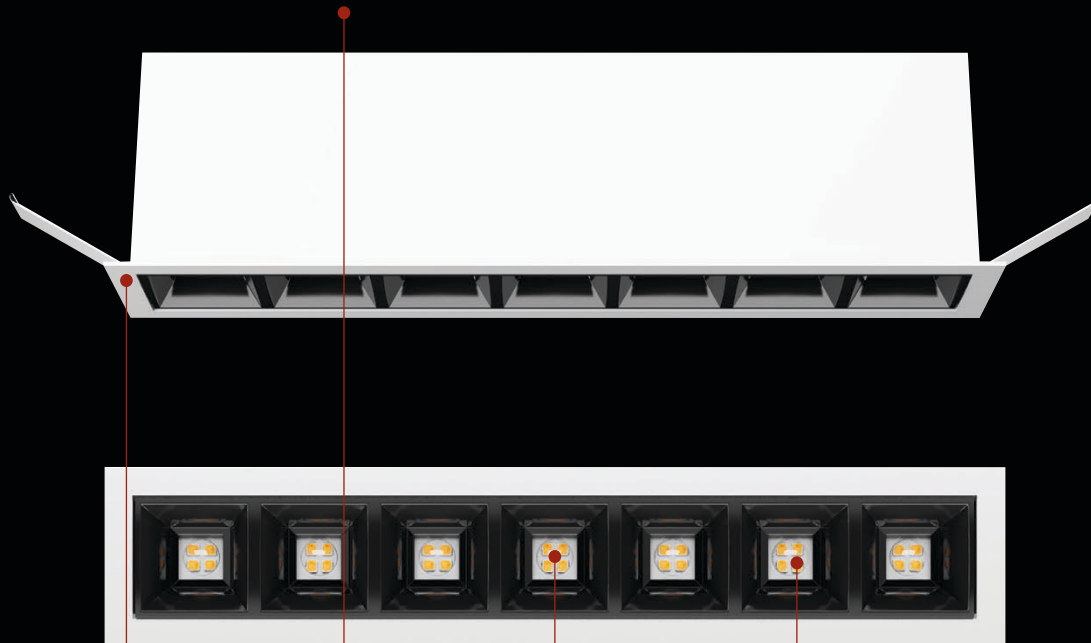
Designed and Made in Australia the Nightfall Range of Downlights has been designed to maximise turnaround times and flexibility in all areas of size, output, dimming, optics and finish. No two projects are the same and thus we believe no two lighting solutions should be the same either. The design of the Nightfall Downlights ensures that every project can have the right solution for the space.



NIGHTFALL

Purposeful
design like
nothing ELSE.

FEATURES



01 Sleek minimalistic construction

02 Remote control gear

03 Exceptional LED performance

04 Dual optical systems

01 CONSTRUCTION

- Sleek minimalistic design
- Made in Australia
- Housing manufactured from extruded aluminium, powercoated in satin finish
- Available as recessed with flange or trimless surface mounted version

02 CONTROL GEAR

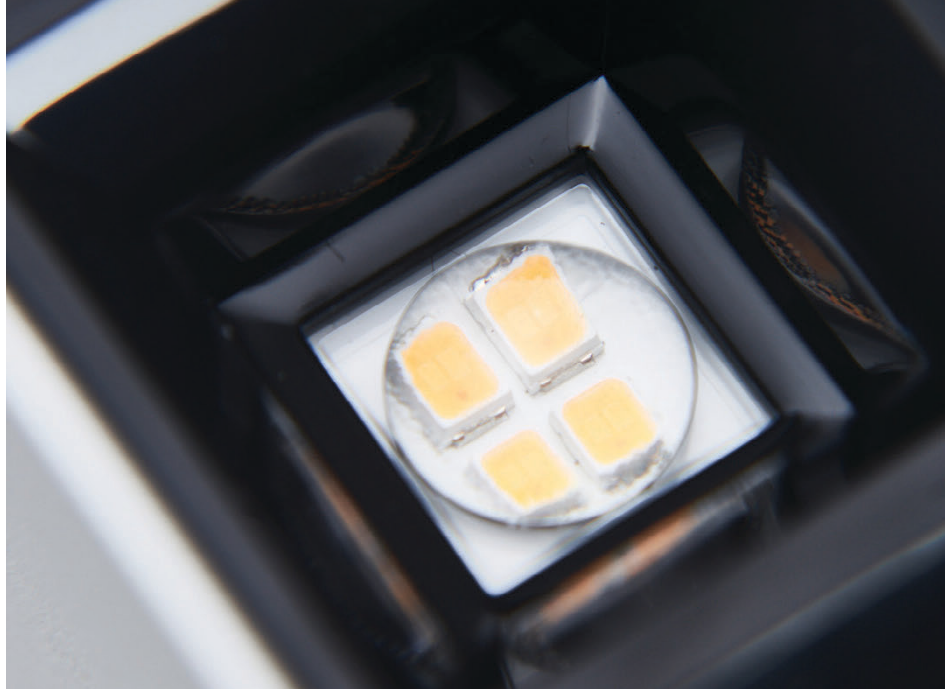
- Remote control gear available as either non dim, trailing edge dimming, DALI or Casambi
- New Variable Output Technology (VOT) gives the opportunity to optimise exact project requirements for non dimmable, DALI and Casambi versions

03 LED MODULE

- Exceptional LED module performance, up to 120lm/w
- Outstanding life figures L80 B10, up to 75,000 hours
- Available as 3000K, 4000K or white tunable 2700K-6500K
- 80+ CRI or 90+ CRI versions
- 3 x SDCM

04 OPTICS

- Dual optical system combining both lens technology and reflector technology to ensure optimal glare control while also maintaining beam control
- Available with varying beam angles including asymmetric and white or black reflector



NEW Variable Output Technology.

All versions of the Nightfall downlight Range are available with Variable Output Technology (VOT).

This provides maximum flexibility and offers the opportunity to optimise exact project requirements and overall power usage of the lighting solution provided. Outputs are preset at the factory, and design files can be provided to ensure lighting designs are accurate.

NFR404 (3000K)
Variable output

200mA	7W	565lm
250mA	8W	700lm
300mA	9W	836lm

VARIABLE
OUTPUT

A close-up photograph of a modern, square LED luminaire. The luminaire has a black, recessed housing with a white, reflective interior. Two circular LED modules are visible, each containing four yellow LED chips. The lighting is focused on the LEDs, creating a bright glow. A red rectangular box with the text 'DUAL OPTICS' is overlaid on the left side of the image.

DUAL OPTICS

As LEDs have become more powerful over time glare from light sources has become an issue that requires careful consideration during luminaire design.

The Nightfall Range utilises a dual optical system. This design ensures optimal glare control while maintaining beam control at the same time. The reflector is available in either black or white finish.

NIGHTFALL 27 SURFACE

24mm




298 x 27mm


24mm


578 x 27mm


NFS 214

Variable output
5W / 510lm - 10W / 1212lm

-  3000K 80CRI
-  4000K 80CRI
-  TW 2700K-6500K 80CRI

 58° Beam

 White Reflector


 Black Reflector


ND Non dimmable


TE Trailing edge dimmable

 dimmable

CASAMBI dimmable (from 150mA)




 Satin White Powdercoat Finish

 Satin Black Powdercoat Finish

 Custom Powdercoat Finish


NFS 228

Variable output
7W / 765lm - 19W / 2423lm

-  3000K 80CRI
-  4000K 80CRI
-  TW 2700K-6500K 80CRI

 58° Beam

 White Reflector


 Black Reflector


ND Non dimmable


TE Trailing edge dimmable

 dimmable

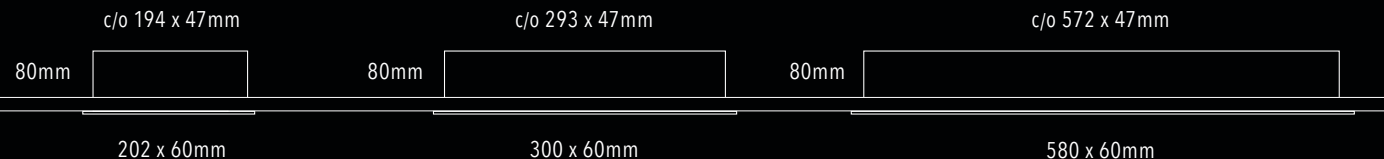
CASAMBI dimmable (from 150mA)

 Satin White Powdercoat Finish

 Satin Black Powdercoat Finish

 Custom Powdercoat Finish

NIGHTFALL 60 RECESSED



NFR 404

Variable output
7W / 565lm - 10W / 900lm

- 3000K 90CRI
- 4000K 90CRI
- TW 2700K-6500K 90CRI*

- 65° Beam
- 80° Beam

- White Reflector
- Black Reflector

ND Non dimmable

TE Trailing edge dimmable

DALI dimmable

CASAMBI dimmable

- Satin White Powdercoat Finish
- Satin Black Powdercoat Finish
- Custom Powdercoat Finish

NFR 407

Variable output
6W / 368lm - 12W / 1320lm

- 3000K 90CRI
- 4000K 90CRI
- TW 2700K-6500K 90CRI

- 65° Beam
- 80° Beam
- Asymmetric

- White Reflector
- Black Reflector

ND Non dimmable

TE Trailing edge dimmable

DALI dimmable

CASAMBI dimmable

- Satin White Powdercoat Finish
- Satin Black Powdercoat Finish
- Custom Powdercoat Finish

NFR 414

Variable output
11W / 1735lm - 22W / 2698lm

- 3000K 90CRI
- 4000K 90CRI
- TW 2700K-6500K 90CRI

- 65° Beam
- 80° Beam
- Asymmetric

- White Reflector
- Black Reflector

ND Non dimmable

TE Trailing edge dimmable

DALI dimmable

CASAMBI dimmable

- Satin White Powdercoat Finish
- Satin Black Powdercoat Finish
- Custom Powdercoat Finish

*Asymmetric distribution not available with NFR 404

NIGHTFALL 45 SURFACE

85mm

186 x 45mm

85mm




284 x 45mm



85mm



564 x 45mm

NFS 404

Variable output
7W / 565lm - 10W / 900lm

-  3000K 90CRI
-  4000K 90CRI
-  TW 2700K-6500K 90CRI*


-  65° Beam
-  80° Beam




-  White Reflector
-  Black Reflector

ND Non dimmable

TE Trailing edge dimmable




 dimmable



CAS  **AMBI** dimmable



-  Satin White Powdercoat Finish
-  Satin Black Powdercoat Finish
-  Custom Powdercoat Finish

NFS 407

Variable output
6W / 368lm - 12W / 1320lm

-  3000K 90CRI
-  4000K 90CRI
-  TW 2700K-6500K 90CRI

-  65° Beam
-  80° Beam
-  Asymmetric




-  White Reflector
-  Black Reflector

ND Non dimmable

TE Trailing edge dimmable




 dimmable




CAS  **AMBI** dimmable



-  Satin White Powdercoat Finish
-  Satin Black Powdercoat Finish
-  Custom Powdercoat Finish

NFS 414

Variable output
11W / 735lm - 22W / 2698lm

-  3000K 90CRI
-  4000K 90CRI
-  TW 2700K-6500K 90CRI

-  65° Beam
-  80° Beam
-  Asymmetric




-  White Reflector
-  Black Reflector

ND Non dimmable

TE Trailing edge dimmable

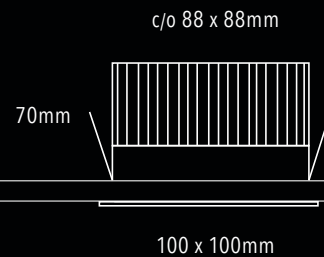
 dimmable

CAS  **AMBI** dimmable

-  Satin White Powdercoat Finish
-  Satin Black Powdercoat Finish
-  Custom Powdercoat Finish




*Asymmetric distribution not available with NFS 404



NIGHTFALL 100 RECESSED





NFR 104

Variable output
6W / 620lm - 19W / 1790lm

-  3000K 90CRI
-  4000K 90CRI
-  TW 2700K-6500K 80CRI

-  65° Beam
-  80° Beam




-  White Reflector
-  Black Reflector

ND Non dimmable

TE Trailing edge dimmable

 dimmable

CASAMBI dimmable

-  Satin White Powdercoat Finish
-  Satin Black Powdercoat Finish
-  Custom Powdercoat Finish



Australian made like nothing **ELS**e.

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