



ARCADIAN
TOUGH TO BEAT





The Arcadian range has been developed to satisfy the need for an extremely impact and tamper resistant low glare LED luminaire for general lighting in circulation spaces, corridors and stairwells. In particular the domestic impression of the Arcadian makes it an ideal choice for modern Care Home projects, where it can help to provide a welcoming and comforting ambience, especially in the warm 3000K colour temperature version. Appearance can be further enhanced with a range of perimeter "trim" colour options.

The use of LED technology ensures high efficiency and low maintenance, critical in keeping costs low. The body is manufactured from 0.9mm spun steel, the single piece 5mm thick injection moulded polycarbonate cover is extremely impact resistant and light diffusing yet still maintains high transmission efficiency.



COLOUR OPTIONS

Supplied finished in RAL 9010 white as standard. Other colour options are available to special order*.

* Minimum order quantity applies



EXTREMELY DURABLE



ULTRA STRONG COVER

The 5mm thick injection moulded single piece polycarbonate cover has been specifically designed to be extremely impact resistant, incorporating large curves to avoid tight radii. In addition the cover is also burn resistant withstanding attempted penetration with a cigarette lighter for several minutes.

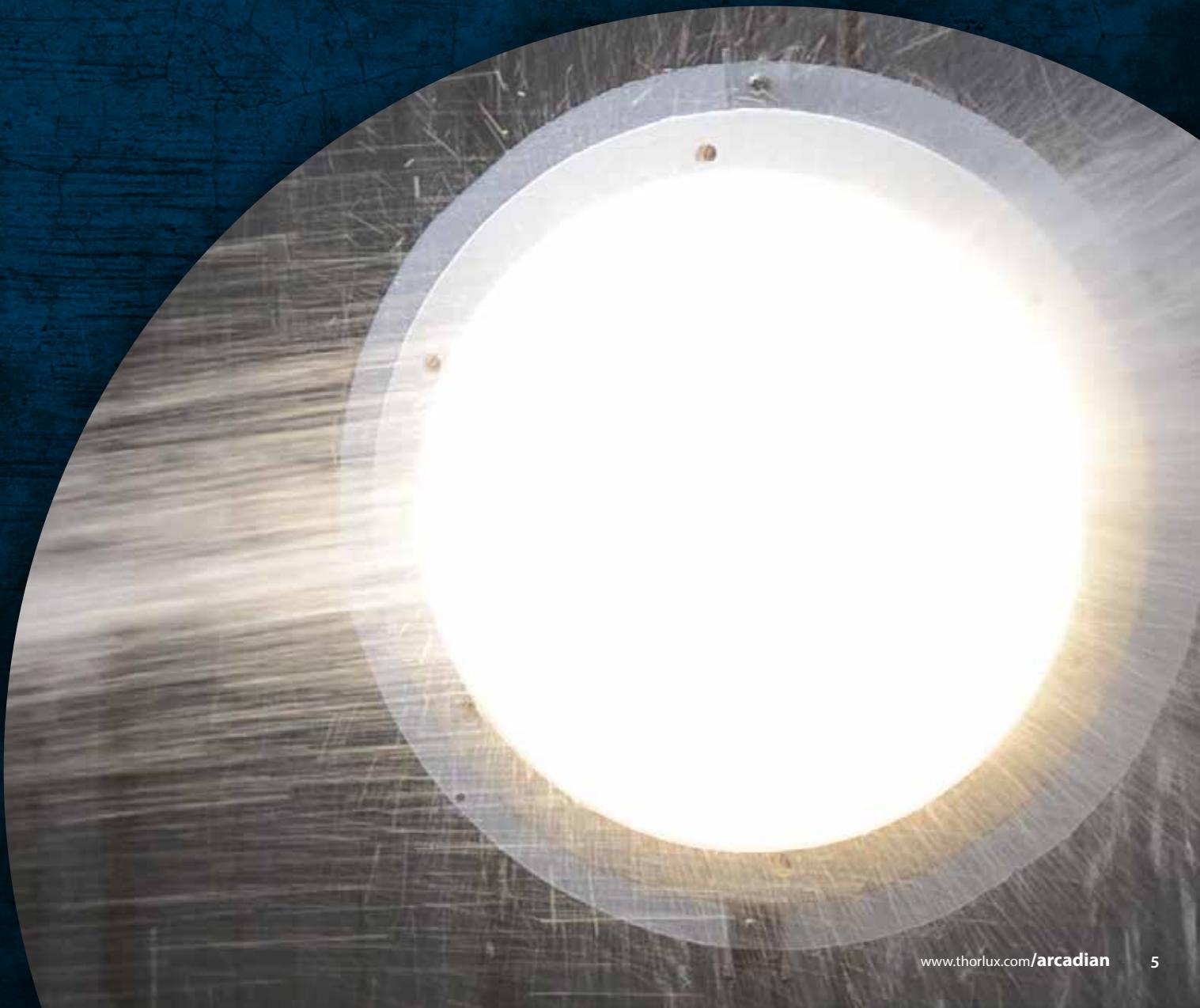
See www.thorlux.com/arcadian-video
for a video demonstration.



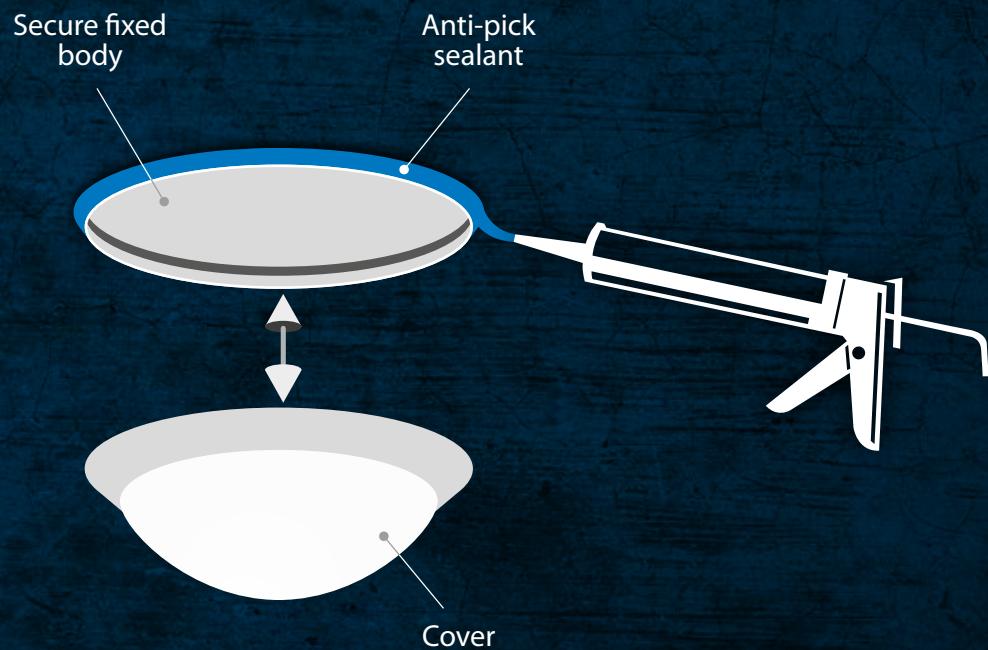
RESISTANT TO DIRT AND WATER

IP66

IP66 rating even after
repeated impact attempts.



EASY MAINTENANCE



THE COVER IS REMOVABLE EVEN AFTER SEALING WITH ANTI-PICK SEALANT

The Arcadian's unique design allows the luminaire to be fitted, and then secured using anti-pick sealant. When maintenance is required the cover can be easily removed without disrupting the anti-pick sealant.



EVENLY FLASHED

The opalised cover has been designed to eliminate glare and ensure individual LEDs are not visible, reducing the likelihood of curious vandalism.



NIGHT LIGHT LED

Operation of the night light, via a separate fused live connection, provides a low level of subtle illumination.

RANGE

LED LIGATURE-RESISTANT LUMINAIRES



SPECIFICATION

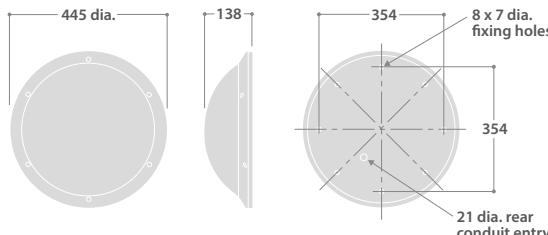
- Strong spun steel body
- Injection moulded 5mm thick polycarbonate cover with white painted trim as standard (RAL 9010). Other colour trim options available to special order
- Ligature-resistant design
- Anti-pick sealant can be used to seal the body whilst still allowing the cover to be removed for maintenance
- Tamper-resistant pin Torx screw fixings (requires T25 tool - see accessory table)
- SmartScan wireless technology removes the need for control cabling. Ideal for retro-fit
- SmartScan Radar versions with sensor discretely hidden behind the cover
- Fitted with 3000K or 4000K LEDs

LED CHARACTERISTICS

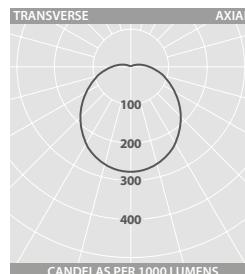
CRI	80
COLOUR TEMPERATURE	3000K/4000K
RATED LIFE (HOURS)	100K L80/B10
PROTECTION	LUX GUARD
DRIVER EFFICIENCY	>85%
REPLACEABLE	YES
POWER FACTOR	>0.95
LL/CW	104.9

For LED characteristics explanation see www.thorlux.com/led-guide

DIMENSIONS

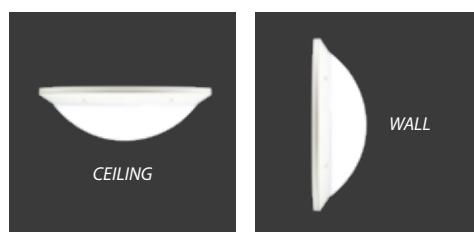


PHOTOMETRIC GUIDE



LED	3000K (lm)	4000K (lm)
21W	2555	2705
27W	3375	3565

MOUNTING OPTIONS



RANGE

LED	CAT. No.	CIRCUIT	APPROX. kg
21W 3000K	AN 17074	R/L/A	3.1
21W 4000K	AN 17075	R/L/A	3.1
27W 3000K	AN 19208	R/L/A	3.1
27W 4000K	AN 19209	R/L/A	3.1

CIRCUIT TYPE - suffix catalogue number with:

R - SmartScan Radar / L - non-dimming (LED) / A - dimming (DALI)
e.g. AN 17074R etc.

SmartScan Radar add 0.1kg to weights listed.

EMERGENCY VERSION - prefix catalogue number with:

TAN - AutoTest (Not available when selecting the 'R' suffix)

WAN - SmartScan

e.g. WAN 17074R etc.

Add 0.3kg to weights listed.

INTEGRAL NIGHT LIGHT VERSION - suffix catalogue number with:
N e.g. AN 17074LN etc.

ACCESSORY

DESCRIPTION	CAT. No.
T25 pin Torx bit (Suitable for magnetic bit holder)	KEY 16976

SmartScan Configurations



Find out more at www.thorlux.com/smartscan



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www.thorlux.com/trees

The information given in this catalogue is typical and must not be interpreted as a guarantee of individual product performance and/or characteristics. We reserve the right to alter specifications and designs without prior notice.

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