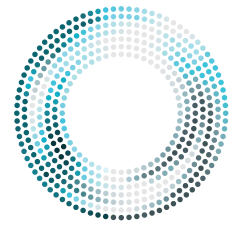


# LIET 3



# LIET 3

## Interior/exterior downlighting



LIETCORP

**Liet 3 delivers true light equivalency with the latest up to 50W high performance dichroic halogen and capsule lamps with the high definition colour rendering associated with Lietcorp's strict binning regime. Liet 3 is designed for a wide range of commercial applications that demand quality light output combined with excellent colour spectrum.**

Running at just 3.7W, Liet 3 delivers up to 90% energy saving when compared with existing halogen technology. Running at low temperature and with no flicker Liet 3 delivers an L70 life of 125,000 hours assuring users of well in excess of 13 years operational life. It can be fitted quickly and easily into ceilings utilising its standard and custom bezel system. The revolutionarily slim-line Liet 3 fits into the same cutout size of most dichroic fittings that it replaces.

Liet 3 is fully dimmable across the widest range of existing and new build dimming systems. Dimming can be controlled via a range of control systems and interfaces, and includes 1-10v dimming as standard. Liet 3 utilises Lietcorp's latest driver technology to deliver a class leading power factor.



### Key data

Lamp/Luminaire Replacement

IP66

Cool Drive™

Control Smart™

Fully Dimmable

On-Board Driver

Easy Fit

### Colour Temperature

2,600K

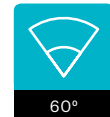
3,000K

4,000K

### Beam Angle



25°



60°

125K  
hrs

L70 LIFE

84  
Typical

CRI

VO

RATED

3.7

WATTS

90

LPW

up to  
50W

HALOGEN  
EQUIVALENT

up to 600

FIXTURE LUMENS

### Bezel options



white



chrome

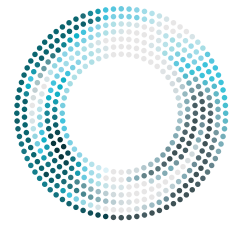


satin chrome

### Applications

General downlights for use in all areas and where ceiling void is limited or in hazardous environments.





Technical data	Liet 3	Liet 3 XL	Liet 3 Ultra	Specification
<b>Light output designed to replace</b>	20W halogen	35W halogen	50W halogen	<b>No of LEDs</b> 3
<b>Fixture lumens (@ 3,000K)*</b>	332	466	618	<b>Dimmable</b> Yes, 1-10V and TRIAC phase dimmable**
<b>Lumens per watt</b>	90	91	85	<b>Approvals</b> CE, RoHS, EMC and WEEE
<b>Rated life (hrs)</b>	125,000	125,000	125,000	<b>Listings</b> CE
<b>Power consumption (full circuit watt)</b>	3.7	5.1	7.2	<b>IEC certified</b> Yes
<b>Operating current (mA) @ 240V AC</b>	240V: 15mA	240V: 21mA	240V: 30mA	<b>Warranty</b> 5 year***
				<b>CRI</b> 82 typical, 90 on request
				<b>Beam angles</b> 25°, 60°
				<b>Colour temp</b> 2,600K; 3,000K; 4,000K
				<b>Weight</b> 88 ± 5g
				<b>Base type</b> Pre wired flying lead

Internal LED comparison parameters	Lietcorp
1 LED make used	Cree
2 LED chip manufacturing country of origin	USA
3 LED luminaire manufacturing country of origin	United Kingdom
4 CRI>90	82 typical, 90 on request
5 CCT tolerance of LED: 2,600K < 100K; 3,000K < 50K, 4,000K < 90K	Single Cree sub bin (1/16 of ANSI C78.377A Bin on CIE 1931 2 Deg space diagram, 2 step MacAdam Ellipses)
6 LED luminaire delivered efficacy	Up to 91 LPW – temperature stable fixture lumen output
7 Dimmable 1-10V / DALI	Yes, (DALI, 1-10V & TRIAC phase dimming available)
8 IES LM-80 lumen maintenance report	Testing underway, report available soon
9 Rated lifespan to L70	Up to 125,000 hours****
10 IES LM-79 (photometric test report)	Yes
11 LED fixture warranty	5 years
12 Energy Star compliance	Not tested but complies with life & energy requirements

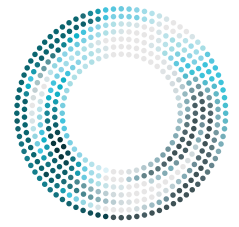
\* Fixture lumens rating is a measurement of total light output from a finished lighting fixture. This measurement can only be obtained from either a Goniophotometer or an Integrating Sphere. Fixture lumens is the most reliable, professional measurement of light output. Lietcorp has invested heavily in these measurement apparatus and has had all its data verified by the Lighting Association of Great Britain.

\*\* Various dimming options available.

\*\*\* Extended warranty available on specific projects.

\*\*\*\* Extremes in ambient temperature may be detrimental to the lifespan of the product.

All electrical and photometric measurements have a tolerance of 10%.  
Lietcorp reserves the right to change specifications at any time.

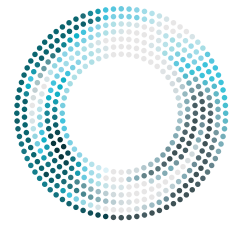


## Part Specifications

Description - Liets	Part Number
Liet 3 Soft white <span style="background-color: #cccccc; padding: 2px;">2,600K</span> <span style="background-color: #00a651; color: white; padding: 2px;">25°</span>	003-001737
Liet 3 Warm white <span style="background-color: #cccccc; padding: 2px;">3,000K</span> <span style="background-color: #00a651; color: white; padding: 2px;">25°</span>	003-001738
Liet 3 Bright white <span style="background-color: #cccccc; padding: 2px;">4,000K</span> <span style="background-color: #00a651; color: white; padding: 2px;">25°</span>	003-001739
Liet 3 Soft white <span style="background-color: #cccccc; padding: 2px;">2,600K</span> <span style="background-color: #00a651; color: white; padding: 2px;">60°</span>	003-001741
Liet 3 Warm white <span style="background-color: #cccccc; padding: 2px;">3,000K</span> <span style="background-color: #00a651; color: white; padding: 2px;">60°</span>	003-001742
Liet 3 Bright white <span style="background-color: #cccccc; padding: 2px;">4,000K</span> <span style="background-color: #00a651; color: white; padding: 2px;">60°</span>	003-001743

Description - Drivers	Part Number
<b>Select drivers for use with 1-10V dimming or switching only</b>	
Lietcorp 240V (UK rated) driver (IP67 rated) 350mA (for standard)	003-001745
Lietcorp 240V (UK rated) driver (IP67 rated) 500mA (for XL)	003-001746
Lietcorp 240V (UK rated) driver (IP67 rated) 700mA (for Ultra)	003-001747
<b>Select drivers for use with phase TRIAC or DALI dimming systems</b>	Available on request

Description - bezels and filters	Part Number
Liet 3 Bezel sm/design C white finish	003-000141
Liet 3 Bezel sm/design C chrome finish	003-000066
Liet 3 Bezel sm/design C satin chrome finish	003-000067
Liet 3 Bezel rec/design D white finish	003-000142
Liet 3 Bezel rec/design D chrome finish	003-000070
Liet 3 Bezel rec/design D satin chrome finish	003-000071
Liet 3 Honey with blacked out orange ring correction filter	003-000549



## Part Specifications

Description - Emergency	Part Number
Liet 3 350mA constant current emergency module	003-001804
Liet 3 500mA constant current emergency module	003-001805
Liet 3 700mA constant current emergency module	003-001806

### Dimensions

Tolerance + 1/8" (2.5mm). Flying lead length 500mm.

