

2022 | PRODUCT CATALOGUE

**THORN**



Economical LED lighting



# Great quality and great price

As part of the Zumtobel Group, our  
expertise and experience goes back decades.  
We offer you an economic range of  
LED luminaires for the replacement market.



Five year guarantee

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THORNeco completes the THORN Brand portfolio with  
a portfolio dedicated and specified for wholesalers  
and installers following European quality standards.

[www.thorneco.com](http://www.thorneco.com)



THORNeco

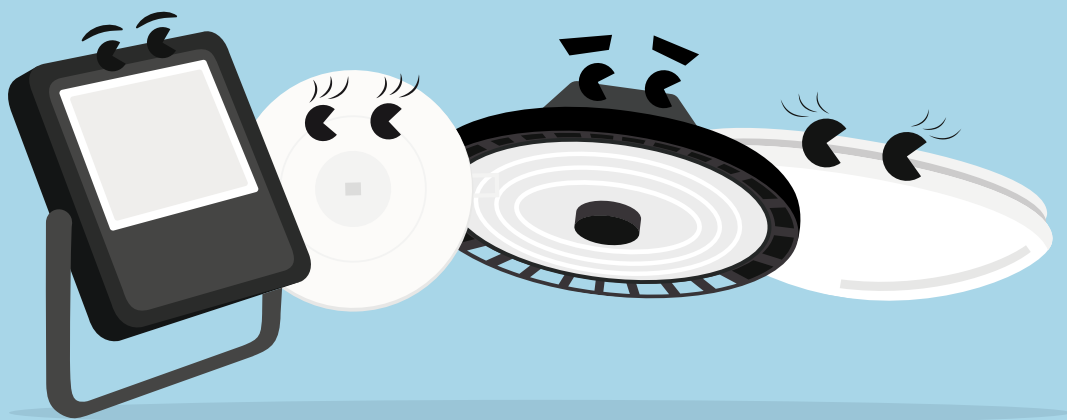


THORNecoLED

# Hi, we are

# THORNeco

A range of best in class, economical LED luminaires.  
Ideal for like-for-like replacements for all light sources – from industrial environments, to offices and outdoors. Easy to install, longer lasting and energy saving, we'll be friends in no time.



## EASY TO INSTALL

With standardised fittings and adaptable accessories, we'll be up and running in minutes



## LONG LASTING LED TECHNOLOGY

Get up to 50 000 hours active lifetime – over 13 years – with our long lasting LED technology



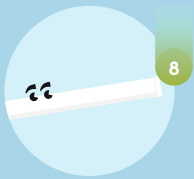
## PLASTIC FREE PACKAGING

Saves time with onsite installation and helps the environment

# IN THE HOUSE

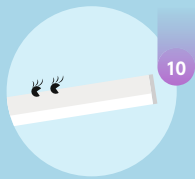
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## BATTENS



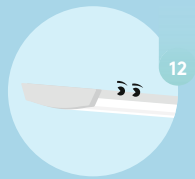
**Barry Vario**

LED Batten



**Elsa Vario Flex**

LED Bathroom  
Mirror Luminaire



**Henry Vario**

Wide body  
LED batten



**Julie Vario**

IP65  
LED Luminaire

## HIGH BAYS



**Boris**

LED High Bay

## BULKHEADS



**Lara Vario Flex**

Circular IP65  
LED Bulkhead



**Lena Vario**

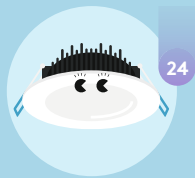
Circular IP44  
LED Oyster

## DOWNLIGHTS



**Sharon Vario**

LED Downlight



**Chloe Vario**

Performance  
LED Downlight

## PANELS



**Ruby Vario**

Recessed LED Panel

# AROUND THE HOUSE

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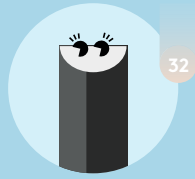
**Leo Flex**

High Power  
LED Floodlight



**Leonie  
Vario Flex**

LED Floodlight

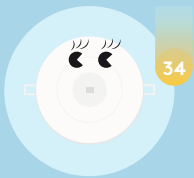


**Holly**

Wall-mounted LED  
Outdoor Luminaire

# EMERGENCY

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**Eve**

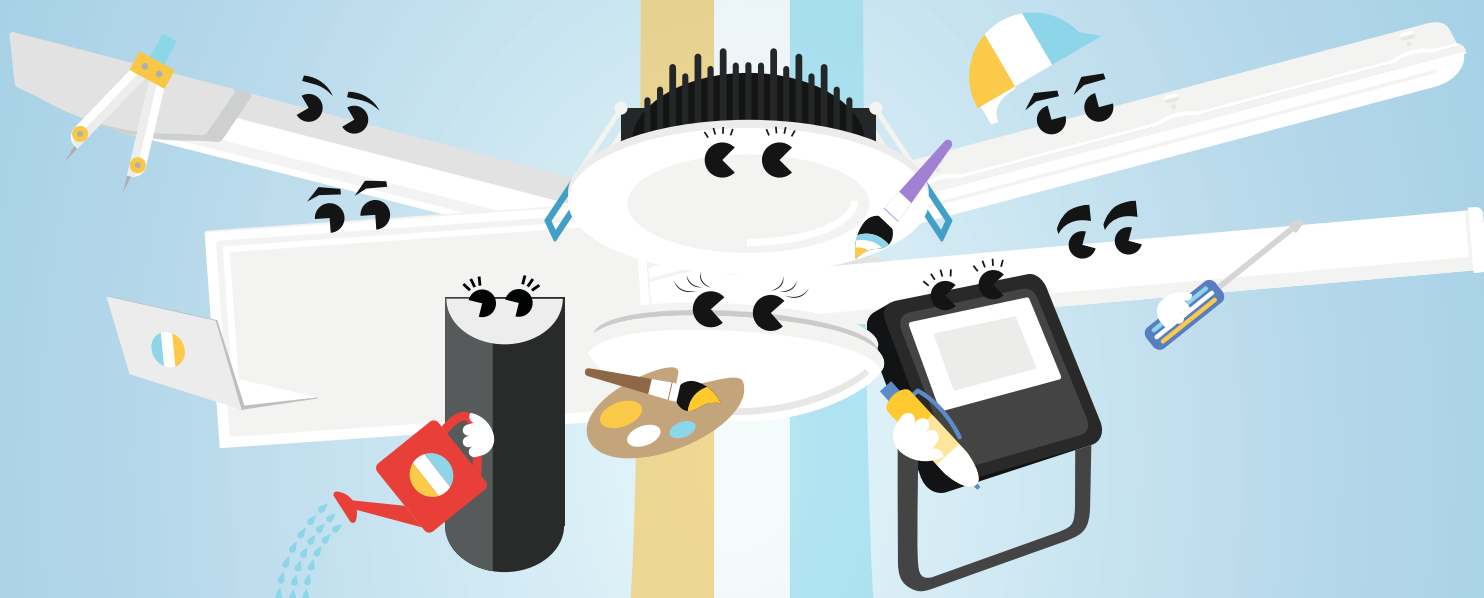
Emergency  
LED Luminaire



**Eric**

LED  
Exit Luminaire

Change the  
colour temperature  
with the flick of  
a switch.

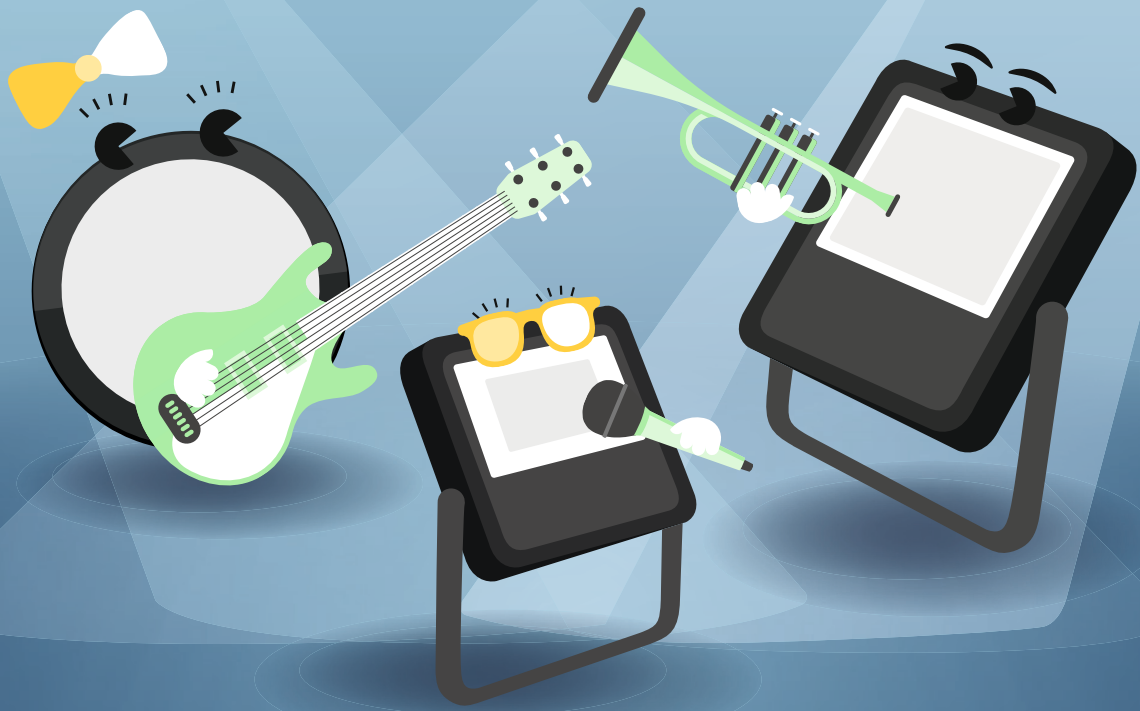


We proudly present

# THE VARIOS

With our Vario range you can easily choose between different colour temperatures to suit your application. Switch from warm white to daylight (3000 K, 4000 K & 5700 K) in one product.





Plugged in the THORNeco STUDIOS

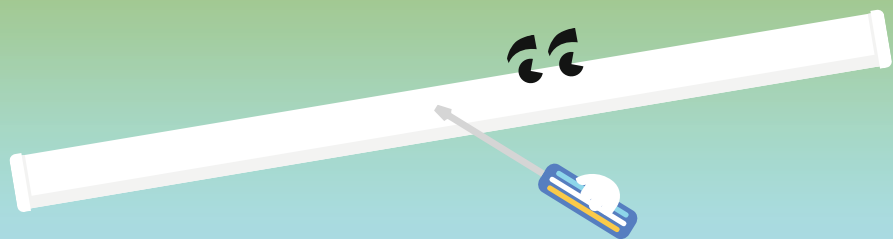
# THE FLEXIBLES

Define your lighting intensity by up to 4 steps directly on site, adaptable to your needs – easy and comfortable via switch directly on the luminaire.



# Barry Vario

## LED Batten



Calm and composed, Barry Vario blends perfectly into a range of indoor settings

- Switchable light colour: choose between warm white (3000 K), cool white (4000 K) or daylight (5700 K) to suit the application
- Direct replacement for conventional battens in terms of light performance and length
- Reliable integrated LED technology, ensuring maintenance-free installation and a long lifetime
- Homogeneous illumination
- High efficacy of 110 lm/W
- IPART and VEET approved on selected models



Switchable light colour



2640, 4400 and 6600 lumens, 110 lm/W



600 mm (2640 lm), 1200 mm (4400 lm) and 1500 mm (6600 lm)



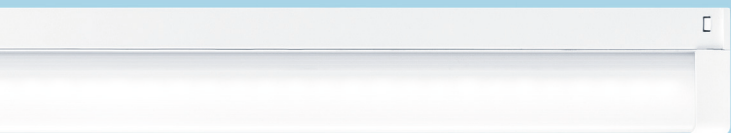
2 h emergency version available



Save up to 60% energy compared with fluorescent battens



50 000 hours lifetime



Ideal for ...



Corridors



Workshops

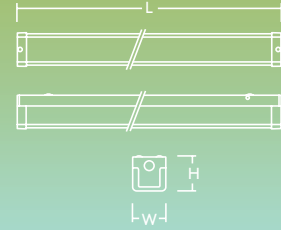


Warehouses



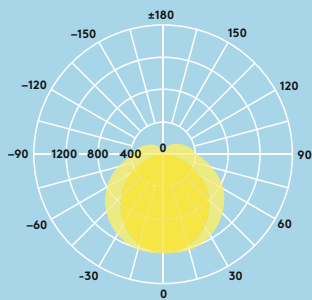


	L	W	H
BARRY VAR LED 600 2640 830/40/57	600	66	69
BARRY VAR LED 1200 4400 830/40/57	1200	66	69
BARRY VAR LED 1500 6600 830/40/57	1500	66	69



## Light distribution

110 lm/W



### Barry Vario 4400 lm

cd/klm ULOR: 14 %  
DLOR: 86 %  
LOR: 100 %

## Light source information

- 2640 lm (24 W), 4400 lm (40 W) and 6600 lm (60 W), 110 lm/W
- Switchable colour temperature: 3000 K, 4000 K and 5700 K
- 50 000 hours rated life (@L80B50, Ta 25 °C)
- CRI 80
- Beam angle: 120°
- McAdam (initial): 5 step

## Installation/Mounting

Surface mounting (screws included)

## Material/Finish

- Body: Steel, powder coated, white (RAL 9003)
- Diffuser: PC, IP40, opal white
- End caps: PC, white

## Ordering guide

Description	SAP Code
BARRY VAR LED 600 2640 830/40/57	96649382
BARRY VAR LED 1200 4400 830/40/57	96649383
BARRY VAR LED 1500 6600 830/40/57	96649384
<b>Emergency versions</b>	
BARRY VAR LED 600 2640 830/40/57 E2	96649385
BARRY VAR LED 1200 4400 830/40/57 E2	96649386
BARRY VAR LED 1500 6600 830/40/57 E2	96649387

## Specification

- Class I electrical
- IP20
- IK08
- Ambient operating temperature: -20 to +40 °C STD, 0 to +25 °C E2

# Elsa Vario Flex

## LED Bathroom Mirror Luminaire



Splash resistant, practical and appealing at the same time, Elsa Vario Flex takes care of your looks

- FLEX Feature (Lumen switch): Decide on your lumen package per lumen switch directly on site for two sizes (450 mm and 600 mm)
- VARIO Feature (Colour temperature switch): 3000 K (warm white), 3500 K or 4000 K (neutral white)
- Colour Rendering  $\geq 90$  for your best look in front of the mirror
- Bathroom mirror luminaire with an elegant and timeless design
- Opal diffuser ensuring visual comfort and a fully homogeneous illumination
- Integrated on/off switch
- Tool-free wiring for quick installation



CCT switch (3000 K, 3500 K and 4000 K)



Lumen switch (2 sizes with switchable lumen packages)



High CRI for a more accurate and natural feel



IP44 splash resistant and IK08 rated impact resistance



50 000 h lifetime before luminous flux is reduced to 70% of the initial value

Ideal for ...



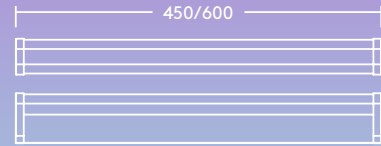
Sanitary rooms

### Installation/Mounting

- Suitable for surface mounting
- Tool-free wiring with push terminal
- Sufficient space at the back of the batten for excess cable

### Material/Finish

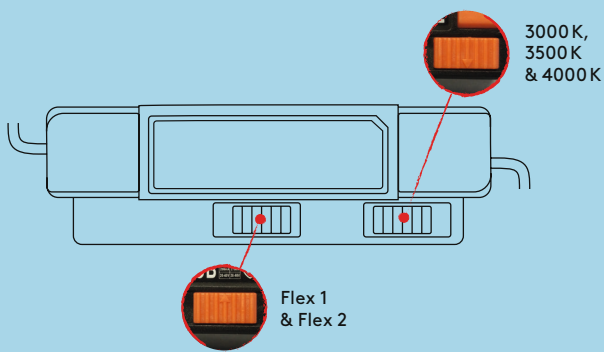
- Body: Aluminium, white finish (RAL 9016)
- Diffuser: PC, opal
- End cap: PC, white finish (RAL 9016)



## Facilitating life

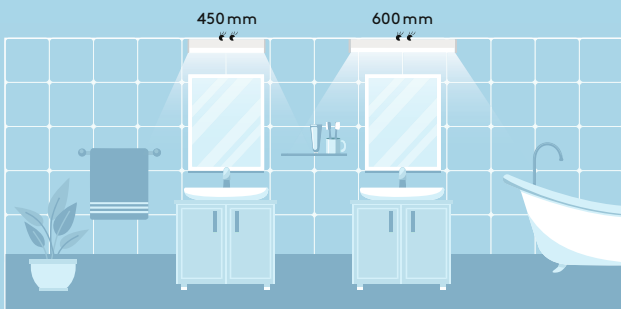
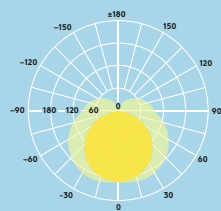
### VARIO & FLEX Feature

There is no need to worry about lumen packages or colour temperatures anymore – it's always the same product that can be easily adapted for your needs onsite:



And of course your morning smile will be presented in the best light with  $CRI \geq 90$  – no matter which colour temperature you choose.

### Portfolio overview



## Ordering guide

Description	SAP Code
ELSA VARIOFLEX 450 800 930/35/40	96635659
ELSA VARIOFLEX 600 1200 930/35/40	96635661

MWS: microwave presence sensor

### Light source information

- Flex @4000K: 450mm 600mm
 

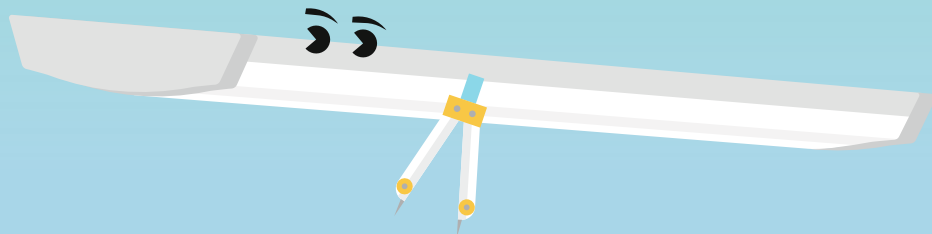
800lm	1200lm
600lm	900lm
- Vario: 3000K, 3500K & 4000K
- Efficiency up to 100lm/W
- Life time 50000 hours (@L70, Ta 25°C)
- MacAdam (initial): 4
- $CRI \geq 90$

### Specification

- Class II electrical
- IP44
- IK08
- Ambient operating temperature: -20 to +40°C

# Henry Vario

## Wide body LED batten



With stylish, curved, wide body design, Henry Vario is the ideal solution for any refurbishment job

- Switchable light colour: choose between warm white (3000 K), cool white (4000 K) or daylight (5700 K) to suit the application
- Direct replacement for conventional wide body battens in terms of light performance and length
- Wide body design is ideal for refurbishment projects, no need for paint touch ups
- High efficacy up to 105 lm/W



Switchable light colour



Lengths of 590 mm, 1180 mm and 1480 mm



2 h emergency versions available



50 000 hours lifetime

### Ideal for...



Corridors



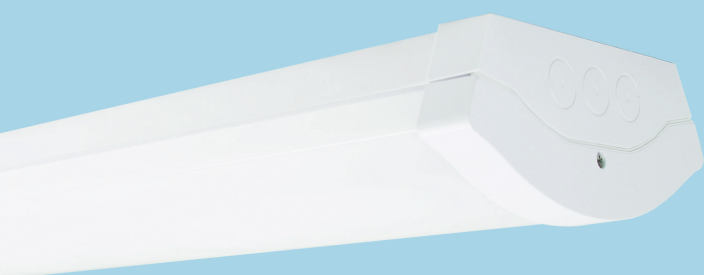
Stairwells



Storage facilities



Schools and universities





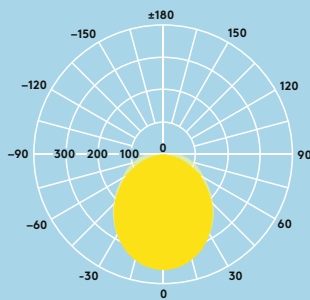
## Light distribution

105 lm/W



### Henry Vario LED 1200lm

cd/klm ULOR: 0 %  
DLOR: 100 %  
LOR: 100 %



## Light source information

- 2100lm (20W), 4200lm (40W), 6000lm (58W), up to 105lm/W @ 4000K
- Switchable colour temperature: 3000K, 4000K and 5700K
- 50 000 hours rated life (@L70, Ta 25°C)
- CRI 80
- Beam angle 120°
- McAdam (initial): 5

## Installation/Mounting

Surface mounting (screws included)

## Material/Finish

- Body: steel, powder coated white (RAL 9016)
- Diffuser: PC, reeded opal white
- End caps: PC, white

## Ordering guide

Description	SAP Code
HENRY VAR LED 600 2000 830/40/57	96650020
HENRY VAR LED 1200 4000 830/40/57	96650021
HENRY VAR LED 1500 6000 830/40/57	96650022
HENRY VAR LED 1200 4000 830/40/57 E2	96650256
HENRY VAR LED 1500 6000 830/40/57 E2	96650257

E2: 2h emergency (AS/NZS 2293) spacing classifications  
96650256, C0 - D25, C90 - D20  
96650257, C0 - D25, C90 - D16

## Specification

- Class I electrical
- IP40
- IK06
- Ambient operating temperature:  
-20°C to 40°C for standard, 0°C to 30°C for E2

# Julie Vario

IP65 LED Luminaire



With a tough exterior, Julie Vario is the optimal choice for industrial and commercial applications

- Switchable light colour: choose between warm white (3000 K), cool white (4000 K) or daylight (5700 K) to suit the application
- High quality, low energy lighting in wet and dusty environments
- High quality opal diffuser for uniform lighting
- Ideal for replacement and refurbishment projects, saving up to 60% energy compared to T8 fluorescent
- 2200lm (19W), 4200lm (38W), 6300lm (55W), up to 116lm/W
- Versions with presence sensor and corridor function
- IPART and VEET approved on selected models



Switchable light colour



IP65:  
Dust tight and water resistant



IK08 rated impact resistance



Lengths of 632, 1232 and 1532 mm



2h emergency version available



Presence sensor with corridor function

Ideal for ...



Workshops



Car parks



Underpasses



Storage facilities

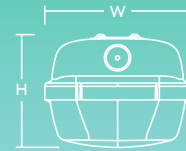
## Specification

- Class I electrical
- IK08
- IP65
- Ambient operating temperature: -20 to +40°C (E2: 0 to +25°C)



JULIE VAR LED 600 2200 830/40/57  
 JULIE VAR LED 1200 4200 830/40/57  
 JULIE VAR LED 1500 6300 830/40/57

L	W	H
632	103	78
1232	103	78
1532	103	78



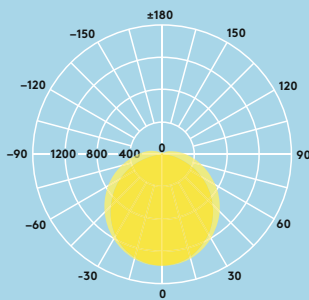
## Light distribution

111lm/W



Julie Vario LED  
4200lm

cd/klm ULOR: 8 %  
DLOR: 92 %  
LOR: 100 %



## Presence sensor with corridor function

Julie's microwave sensor option with corridor function will ensure that you never walk in the dark. The settings are fully adjustable, with the additional benefit of a daylight sensor.

## Light source information

- 50000 hours rated life (@L70, Ta 25°C)
- 2200lm (19W), 4200lm (38W), 6300lm (55W), up to 116lm/W
- Colour temperature 3000K, 4000K and 5700K in one product
- CRI80
- MacAdam (initial): 4

## Installation/Mounting

Suitable for surface mounting

## Material/Finish

- Canopy: Polycarbonate
- Diffuser: Opal polycarbonate (UV stabilised)
- Bracket: Stainless steel

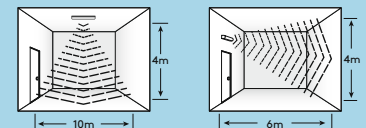
## Ordering guide

Description	SAP Code
JULIE VAR LED 600 2200 830/40/57	96649388
JULIE VAR LED 1200 4200 830/40/57	96649389
JULIE VAR LED 1500 6300 830/40/57	96649390
JULIE VAR LED 600 2200 830/40/57 MWSCOR	96649391
JULIE VAR LED 1200 4200 830/40/57 MWSCOR	96649392
JULIE VAR LED 1500 6300 830/40/57 MWSCOR	96649393
<b>Emergency versions</b>	
JULIE VAR LED 600 2200 830/40/57 E2	96649394
JULIE VAR LED 1200 4200 830/40/57 E2	96649395
JULIE VAR LED 1500 6300 830/40/57 E2	96649396
JULIE VARLED600 2200 830/40/57 MWSCOR E2	96649397
JULIE VARLED1200 4200 830/40/57 MWSCOR E2	96649398
JULIE VARLED1500 6300 830/40/57 MWSCOR E2	96649399
<b>Spare parts</b>	
JULIE LED Spare Mount Kit	96628409

MWS: microwave presence sensor COR: corridor function

## Sensor range

at 100 % sensitivity



## Controllability

Sensitivity	50%, 100 %
Time	5s, 30s, 1min, 10min
lux	2lux, 10lux, 50lux, disable
Stand-by time	0sec, 30sec, 20min, endless
Dimming Level	10%, 20%, 30%, 50%

# Boris

## LED High Bay



3D view



## Efficient and powerful, Boris is the expert for high ceilings

- Boris is the ideal choice for replacing a conventional lighting solution one-for-one and offering an energy-saving by more than 50 %
- Boris PLUG&PLAY MWS and PIR sensors for detecting presence and daylight make Boris even more efficient
- Lower maintenance costs as there is no need for costly and disruptive lamp replacement due to 50 000 hours operation life time
- New design provides a broader light distribution for an homogenous illumination of the ground level and prevention of hot-spots
- Supplied with 1.5 m 3 pin FLEX&PLUG for a quick and easy installation
- Ready for Quick and easy conversion of Boris for emergency operation thanks to the PLUG&PLAY E2 kit
- IPART and VEET approved



IP65: Dust tight and water resistant



50 000 h lifetime before luminous flux is reduced to 80 % of initial value



IK08 rated impact resistance



Adjustable light output thanks to clever inter-changeable ZHAGA cap



4 lumen packages from 14 000 lm up to 30 000 lm



PLUG&PLAY E2 Kit separately available

### Ideal for ...



Production



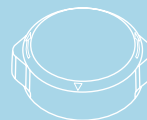
Warehouses



Exhibition halls



Retail outlets



### Inter-changeable ZHAGA cap

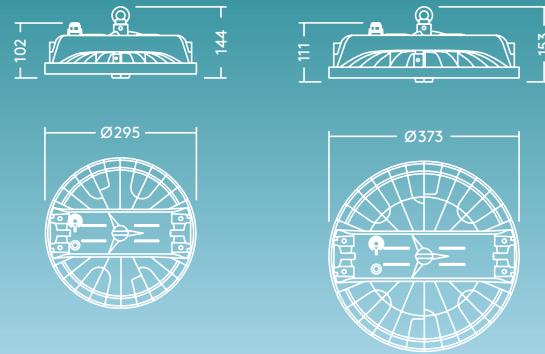
The clever inter-changeable ZHAGA cap allows for a reduction in light output and wattage. This means 2 models provide 4 different lumen output options for maximum flexibility.



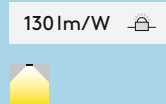
### Presence & Daylight sensor

- Easy to install: Simply plug sensor onto ZHAGA Socket connector in the middle of the luminaire
- Easy to control: Adjustable via remote control (mandatory for installation)
- Easy to use: Enjoy light whenever needed automatically

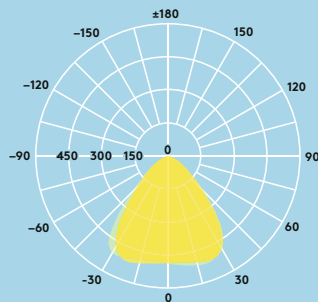




## Lighting distribution



130 lm/W



**Boris 30 000 lm**  
cd/klm ULOR: 0 %  
DLOR: 100 %  
LOR: 100 %

## Light source information

- 5000K
- BORIS 300: 19 000lm (140W) or 14 000lm (95W) with ZHAGA cap
- BORIS 375: 30 000lm (230W) or 26 000lm (185W) with ZHAGA cap
- Efficiency: up to 147lm/W
- 50 000 hrs (@L80, Ta 25°C)
- CRI 80
- MacAdam (initial) 5steps

## Specification

- Class I electrical
- IP65
- IK08 (IK03 for PIR)
- Ambient operating temperature: -30 to +45°C (E2: 0 to +25°C)

## Installation/Mounting

- Single point for suspension or surface mounting (mounting hook supplied with luminaire)
- Stirrup for wall/ceiling mounting (available as accessory)

## Material/Finish

- Body: Aluminum die-cast, black (RAL 9017)
- Lens: PC

## Presence & Daylight sensor

Boris' PLUG&PLAY sensor options will ensure that light is only delivered when needed by detecting motion and daylight via microwave or infrared technology. All parameters need to be adjusted by using the remote control (available as accessory).

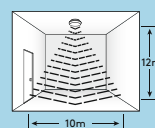
## Ordering guide

Description	SAP Code
BORIS 300 19000 850 F&P	96651365
BORIS 375 30000 850 F&P	96651366
<b>Accessories</b>	
BORIS PLUG&PLAY E2 Kit	96652073
BORIS PLUG&PLAY MWS SENSOR GEN2	96635768
BORIS PLUG&PLAY PIR SENSOR GEN2	96635769
BORIS SENSOR REMOTE CONTROL GEN2	96635770
BORIS STIRRUP L (6 PCS)	96634427
BORIS STIRRUP S (6 PCS)	96634426

MWS: microwave presence sensor  
PIR: infrared sensor

## Sensor range

at 100% sensitivity



# Lara Vario Flex

## Circular IP65 LED Bulkhead



Sporting many different looks, Lara is the ultimate choice for a range of indoor and outdoor settings

- FLEX Feature (Lumen switch): Decide on your lumen package per lumen switch directly on site for two sizes (250 mm and 300 mm)
- VARIO Feature (Colour temperature switch): 3000K (warm white), 3500K or 4000K (neutral white)
- Opal diffuser for homogeneous light effect and visual comfort
- Sealed to IP65 for protected exterior applications
- Robust construction up to IK10 impact resistance
- White body and bezel with optional black bezel or eyelid trim in black or white
- 2h emergency and sensor options
- Compatible with BESA Box



CCT switch  
(3000K, 3500K  
and 4000K)



Lumen switch  
(2 sizes with  
switchable  
lumen pack-  
ages)



50000h lifetime  
before luminous  
flux is reduced  
to 80% of the  
initial value



IP65:  
Dust tight and  
water resistant



IK10 impact  
resistance



Optional  
sensor and 2h  
emergency kit  
available as  
accessory

### Ideal for ...



Circulation  
corridors



Stairwells



Underpasses



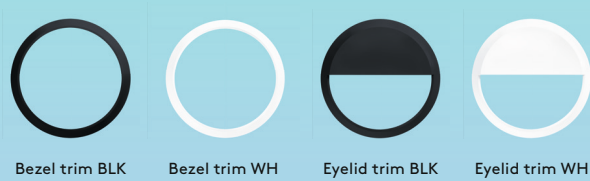
Public entrance  
areas

### Light source information

- Flex (Lumen switch):  
250mm 800lm 1000lm 1200lm  
300mm 1200lm 1800lm 2200lm
- Vario: 3000K, 3500K & 4000K
- Efficiency up to 115 lm/W
- Lifetime 50000 hours  
(@L80, Ta 25°C)
- CRI80

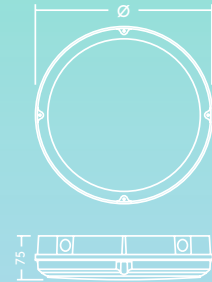
### Specification

- Class II electrical
- IP65
- IK10
- ENEC certified driver
- Ambient operating  
temperature: -20 to +40°C  
(E3: 0 to +25°C)



Bezel trim BLK    Bezel trim WH    Eyelid trim BLK    Eyelid trim WH

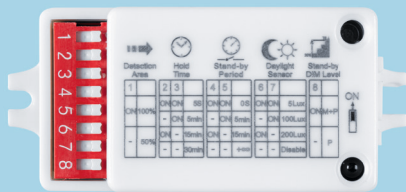
LARA LED 250    250  
LARA LED 300    300



## Facilitating life

### A sensor to fulfill all your needs and requirements

Easy to program via dip switches directly on the sensor itself to suit various indoor and outdoor applications.

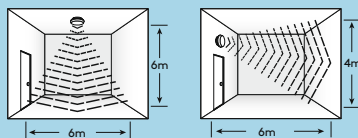


### Controllability (default)

	Detection Area	100 % / 50 %
	Hold Time	5s(testing) / 5 min / 15 min / 30 min
	Standby level corridor function	10 %
	Standby period	0s / 5 min / 15 min / never off
	Daylight Sensor	OFF: MWS only
		5 on / 7,5 off lux: external pedestrian walkway
		100 on / 150 off lux: Internal Circulation Areas (corridors and stairs), Stockrooms and Storerooms
		200 on / 300 off lux: Internal Washrooms, Toilets and Cloakrooms
MODE	Mode	Microwave Sensor + Daylight/Photocell only

### Sensor range

at 100 % sensitivity



### Installation/Mounting

- Suitable for wall or ceiling mounting
- Quick and easy installation
- Suitable for BESA fixing

### Material/Finish

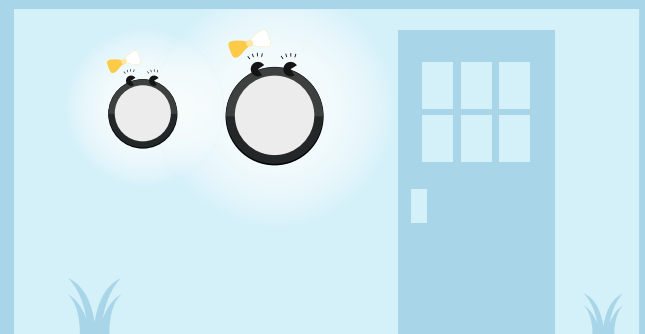
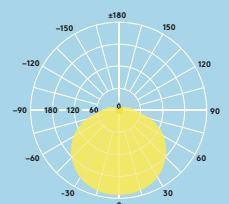
Body & Diffuser:  
UV Stabilized Polycarbonate

## Ordering guide

Description	SAP Code
LARA VARIOFLEX 250 1200 BEZEL TRIM WH	96635288
LARA VARIOFLEX 300 2200 BEZEL TRIM WH	96635290
LARA VARIOFLEX 300 2200 MWS BEZELTRIM WH	96635291
LARA VARIOFLEX 250 1200 EM BEZEL TRIM WH	96635541
LARA VARIOFLEX 300 2200 EM BEZEL TRIM WH	96635543
LARAVARIOFLEX300 2200 MWS & E2 BEZEL TRIM WH	96635544
Accessories	
LARA/SARA BEZEL TRIM 250 BK	96635294
LARA/SARA EYELID TRIM 250 WH	96635295
LARA/SARA EYELID TRIM 250 BK	96635296
LARA/SARA BEZEL TRIM 300 BK	96635298
LARA/SARA EYELID TRIM 300 WH	96635299
LARA/SARA EYELID TRIM 300 BK	96635300

MWS: microwave presence sensor  
WH: white; BLK: black

### Portfolio overview



# Lena Vario

Circular IP44 LED Oyster



Attentive and adaptable,  
Lena Vario lights up  
corridors whenever needed

- Three colour temperatures in one product – simply select 3000 K (warm white), 4000 K (cool white) or 5700 K (daylight) to suit the application
- Choose between 1400 and 1800 lm light output
- Optional: Integrated microwave presence sensor maximising the energy saving potential
- Dimmable LED driver suitable with trailing edge and universal dimmers\*
- Quality PMMA diffuser for an even light distribution
- Reliable integrated LED technology, ensuring maintenance-free installation and a long lifetime
- Quick and easy installation, loop-in loop-out possible

\*see installation instructions for compatible dimmer list



CCT switch  
(3000 K, 4000 K  
and 5700 K)



1400 and 1800  
lumens, up to  
93lm/W



IP44: splash  
resistant



Phase  
dimmable



Presence sensor  
optional



50 000 hours  
lifetime

Ideal for ...



Residential



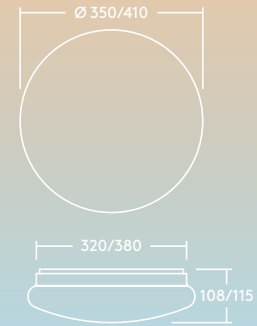
Stairways



Toilets &  
Bathrooms



Circulation  
corridors



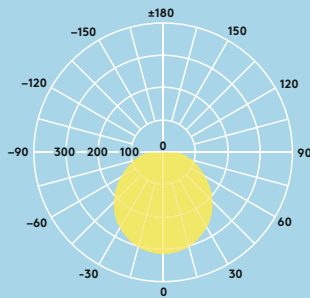
## Light distribution

100 lm/W



**Lena Vario**  
**1800 lm, 4000 K**

cd/klm ULOR: 2 %  
DLOR: 98 %  
LOR: 100 %



## Light source information Specification

- 1400 lm (15 W), 1800 lm (18 W), up to 100 lm/W
- 50 000 hours rated life (@L80, Ta 25 °C)
- Colour temperature 3000 K, 4000 K and 5700 K in one product
- Beam angle: 120°
- CRI80
- MacAdam (initial): 5
- Class II electrical
- IP44
- IK04
- Ambient temperature range: -20 to 40 °C
- RCM certified driver

## Installation/Mounting

- Suitable for wall or ceiling mounting
- Quick and easy installation thanks to the twist-and-lock opening mechanism and the piano key terminal for wires up to 2.5 mm<sup>2</sup>

## Material/Finish

- Backplate: steel, white finish
- Diffuser: PMMA, opal

## Ordering guide

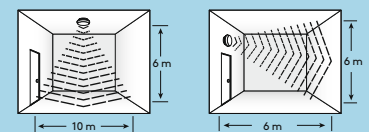
Description	SAP Code
LENA VAR 1400 320 DIM 830/40/57	96649602
LENA VAR 1800 380 DIM 830/40/57	96649603
LENA VAR 1800 380 DIM 830/40/57 MWS	96649604

## Presence sensor

Lena Vario's microwave sensor option will ensure that light is only delivered when needed. This sensor is a motion switch, which turns on the light on detection of movement, and turns off after a pre-selected hold-time when there are no people around. A daylight sensor is also built-in to prevent the light switching on when there is sufficient natural light.

## Sensor range

at 100 % sensitivity

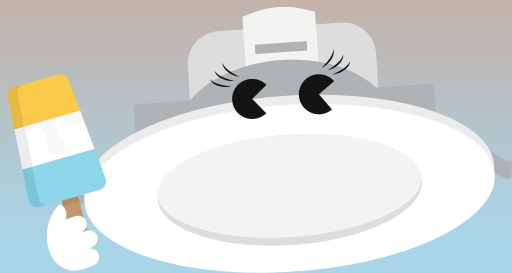


## Controlability

Sensitivity	10 %, 50 %, 75 %, 100 %
Time	5 s, 90 s, 5 min, 15 min
lux	10 lux, 20 lux, 50 lux, disable

# Sharon Vario

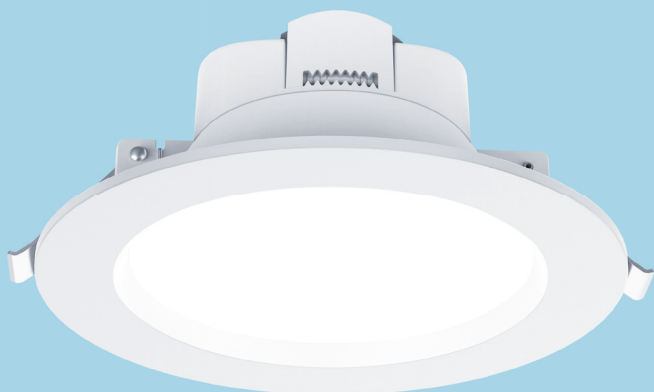
## LED Downlight



Reliable and adaptable, Sharon Vario is perfectly suited to everyday needs

- A compact recessed LED downlight with switchable light colour: choose between warm white (3000 K), cool white (4000 K) and daylight (5700 K) to suit application use
- Beam angle 95°
- High colour rendering and uniform light surface with no shadowing
- Integrated electronic dimmable LED driver suitable with trailing edge and universal dimmers\*
- Two sizes available: 8 W with 90–95 mm cut-out and 16 W with 160–170 mm cut-out
- IPART and VEET approved

\*see installation instructions for compatible dimmer list



Switchable light colour



700–1691 lumens, up to 105 lm/W



IP54 (from below)  
IP40 (from above)



40 000 hours lifetime



Dimmable



Replacement for 1×18 W CFL and 2×18 W CLF

Ideal for ...



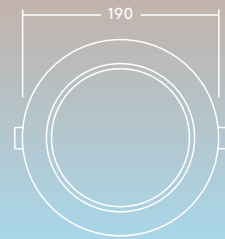
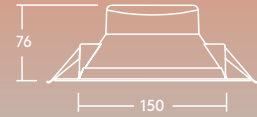
Corridors



Toilets & Bathrooms



Residential



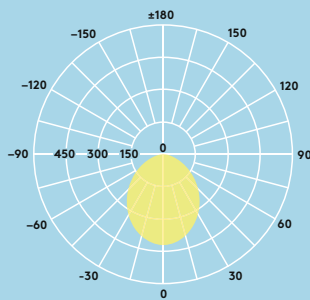
## Light distribution

100lm/W



### Sharon Vario 800lm 4000K

cd/klm ULOR: 0 %  
DLOR: 100 %  
LOR: 100 %

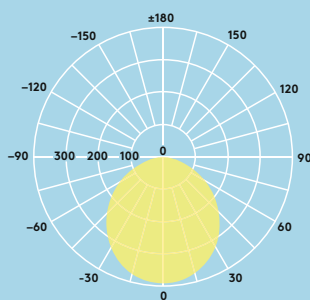


100lm/W



### Sharon Vario 1600lm 4000K

cd/klm ULOR: 0 %  
DLOR: 100 %  
LOR: 100 %



## Ordering guide

Description	SAP Code
SHARON VAR LED 90 800 830/40/57 DIM FP	96649647
SHARON VAR LED 160 1600 830/40/57 DIM FP	96649648

### Light source information

- 40 000 hours rated life (@L70, Ta 25 °C)
- 3000K: 700lm (8W) and 1485lm (16W)
- 4000K: 800lm (8W) and 1691lm (16W)
- 5700K: 735lm (8W) and 1530lm (16W)
- CRI 80

### Specification

- Class II electrical
- IP54 (from below), IP40 (from above)
- IK02
- Insulation Coverable Luminaire (IC-4)

### Installation/Mounting

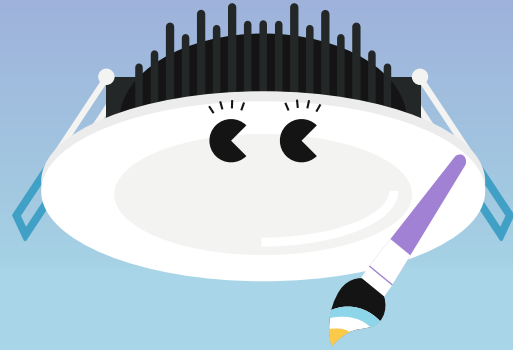
Sharon Vario LED can be installed into a wide range of ceiling types of 2–20 mm thickness

### Material/Finish

Body and trim: Polymer, white

# Chloe Vario

## Performance LED Downlight



### Versatile and durable, Chloe Vario blends in a wide range of applications

- A slim ceiling recessed LED downlight with switchable light colour: choose between warm white (3000 K), cool white (4200 K) and daylight (5700 K) to suit application use
- Beam angle 95°
- High colour rendering and uniform light surface with no shadowing
- External electronic: dimmable LED driver suitable with trailing edge and universal dimmers\*
- Thermally optimised aluminium body
- Fitted with flex and plug
- Interchangeable trim rings available separately

\*see installation instructions for compatible dimmer list



Switchable light colour



800–945 lumens, up to 94.5 lm/W



IP44 (from below) IP20 (from above)



30 000 hours lifetime



Dimmable



Replacement for 1×18 W CFL

### Ideal for ...



Corridors



Toilets & Bathrooms

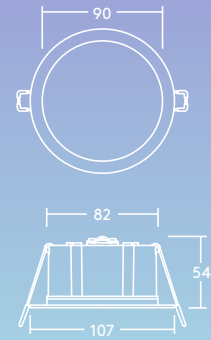


Residential

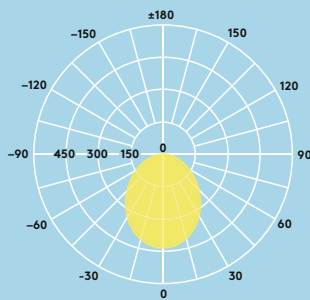
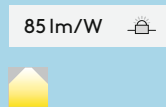


Hotels





## Light distribution



**Chloe Vario 850 lm**  
 cd/klm ULOR: 0 %  
 DLOR: 100 %  
 LOR: 100 %

## Light source information

- 50 000 hours rated life (@L70, Ta 25 °C)
- 3000K: 800lm (10W), 80lm/W
- 4200K: 945lm (10W), 94.5lm/W
- 5700K: 890lm (10W), 89lm/W
- CRI 80

## Installation/Mounting

Chloe Vario LED can be installed into a wide range of ceiling types of 2-20mm thickness

## Material/Finish

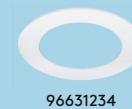
- Body: Aluminium
- Trim: Metal, white

## Ordering guide

Description	SAP Code
CHLOE VAR LED 90 800 830/42/57 DIM WH FP	96631233
CHLOE VAR TRIM WH FLAT	96631234
CHLOE VAR TRIM SR REBATED	96631235
CHLOE VAR TRIM SR FLAT	96631236
CHLOE VAR TRIM BK REBATED	96631237
CHLOE VAR TRIM BK FLAT	96631238

## Specification

- Class II electrical
- IP44 (from below), IP20 (from above)
- IK02
- Insulation Coverable Luminaire and Driver (IC-4/IC-F)



# Ruby Vario

## Recessed LED Panel



Sophisticated and compact, Ruby creates a pleasant atmosphere in communication areas

- Switchable light colour: choose between warm white (3000 K), cool white (4000 K) or daylight (5700 K) to suit the application
- Back-lit LED panel with lightweight design and low installation depth
- Opal diffuser for homogeneous illumination
- IP44 from below for hassle-free cleaning
- Replaces conventional luminaires with 2×18 W T8, 4×18 W T8, 4×36 W T8 and 2×36 W T8 and offers more than 40% energy saving
- Ideal solution for any refurbishment job
- Supplied with remote driver, pre-wired with 2 pin FLEX&PLUG (1.2 m length) for tool-free installation
- Suitable for recessed mounting in T-bar ceiling grids
- IPART and VEET approved on selected models



Switchable light colour 3000 K, 4000 K and 5700 K



1900, 3200, 3800 and 5100 lumens, up to 119 lm/W



1200×300 mm  
1200×600 mm  
600×300 mm  
and  
600×600 mm



50 000 hours lifetime



IP44 (from below)

Ideal for ...



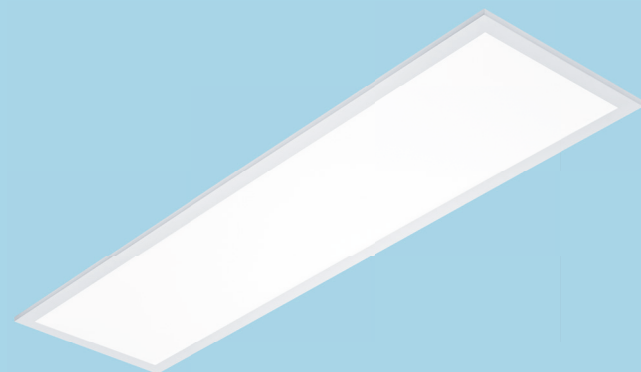
Offices and meeting rooms

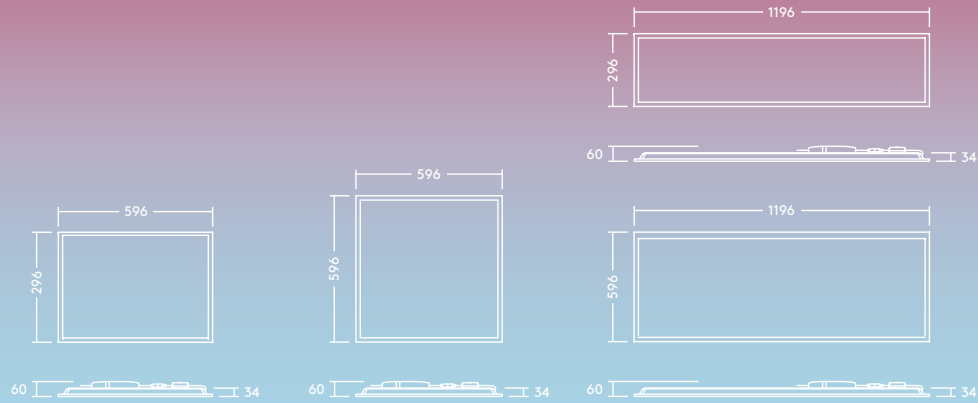


Schools and universities



Foyers and waiting-rooms



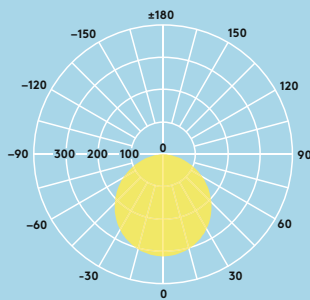


## Light distribution

114lm/W



**Ruby Vario 3200lm (4000K)**  
cd/klm ULOR: 0 %  
DLOR: 100 %  
LOR: 100 %



## Light source information

- 5100lm (43W), 4000K, 119lm/W
- 3200lm (28W), 4000K, 114lm/W
- 3800lm (34W), 4000K, 112lm/W
- 1900lm (18W), 4000K, 106lm/W
- Switchable colour temperature: 3000K, 4000K and 5700K
- 50000 hours rated life (@L70, Ta 25°C)
- CRI 80
- MacAdam (initial): 4
- Beam angle: 110°

## Installation/Mounting

- Lay-in installation in T-bar ceiling grids
- Suitable for surface mounting (available as accessories)

## Material/Finish

- Frame: Aluminium, white finish (RAL 9003)
- Diffuser: High uniformity PS diffuser
- Backplate: Steel sheet, white finish (RAL 9003)

## Ordering guide

Description	SAP Code
RUBY VAR LED 1200 × 600 4800 830/40/57 FP	96650508
RUBY VAR LED 1200 × 300 3200 830/40/57 FP	96650509
RUBY VAR LED 600 × 600 3500 830/40/57 FP	96650510
RUBY VAR LED 600 × 300 1800 830/40/57 FP	96650511

## Specification

- Class II electrical
- IP44 (from below), IP20 (from above)
- IK03
- Ambient operating temperature: -20 to +40 °C

# Leo Flex

## High Power LED Floodlight



3D view

### Extremely powerful and resilient, Leo Flex adds safety to dark areas

- Asymmetrical light distribution – ideal for building facades and area lighting
- 5 variants available
- FLEX Feature: Decide on your lumen package per size directly on site
- Integrated photocell for automatic light from dusk til dawn
- New with Corrosion Class C4 for reliable use in more environmentally challenging areas (distance to sea min. 5 km)
- Lightweight and slim design
- Tilted universal mounting bracket allows wall or ceiling mounting with the possibility of tilting upwards or downwards
- Breather membrane to prevent water ingress
- Pre-assembled with 3 m cable for flexible connection possibilities



Anthracite grey colour with lumen switch



5 variants with FLEX feature (Lumen switch)



Sealed to IP66 for exterior applications



Corrosion Class C4 – against salt and environmental impacts



IK08 rated impact resistance

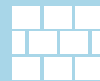


50 000 hours lifetime before luminous flux is reduced to 80% of the initial value



Integral photocell

#### Ideal for ...



Building surrounds



Car parks



Footpaths



Loading bays

#### Specification

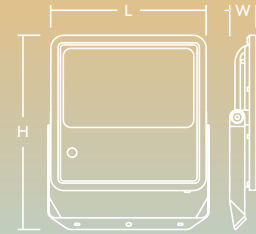
- Class I electrical
- IP66
- IK08
- Ambient operating temperature: -30 to +50°C

#### Material/Finish

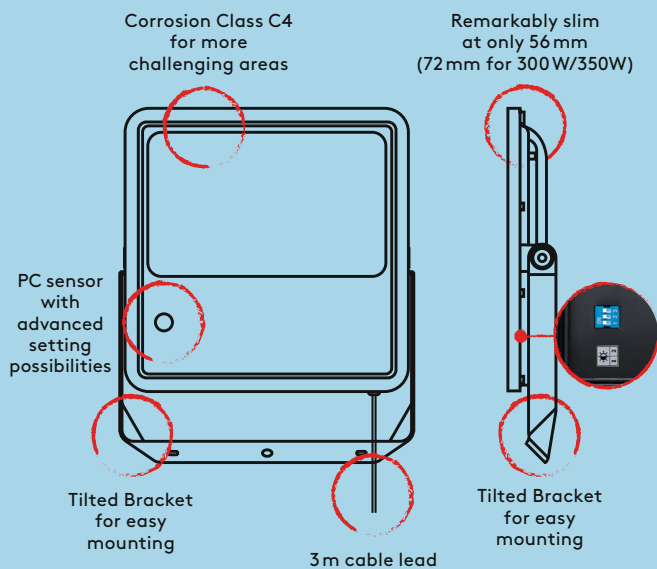
- Body: Aluminium die-cast with 0,1% copper, RAL7016 (anthracite grey)
- Bracket: Carbon steel, RAL7016 (anthracite grey)
- Cover: Tempered glass
- Lens: PC



	L	W	H
LEO FLEX IP66 80W	330	56	359
LEO FLEX IP66 120W	330	56	419
LEO FLEX IP66 190W	380	56	469
LEO FLEX IP66 300W/350W	523	72	634



## Facilitating life



### Installation/Mounting

- Suitable for wall or ceiling mounting
- Quick and easy installation thanks to universal mounting bracket (0-300°)
- Pre-wired with 3m mains cable

### Light source information

- Flex Steps @ 4000K:

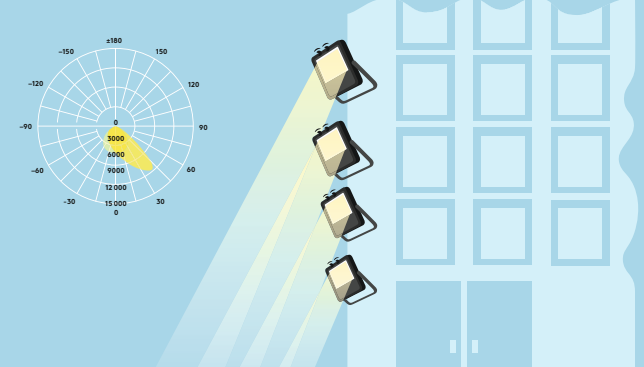
80 W	120 W	190 W	300 W
7500lm	10000lm	15000lm	30000lm
9000lm	12500lm	20000lm	35000lm
10000lm	15000lm	25000lm	40000lm

- Efficiency up to 146lm/W
- Colour temperature 4000K and 5000K
- 50000 hours rated life (@L80, Ta 25°C)
- CRI ≥ 80
- MacAdam (initial): 5

## Ordering guide

Description	SAP Code
<b>4000K</b>	
LEO FLEX IP66 80W 840 PC W3M	96651538
LEO FLEX IP66 120W 840 PC W3M	96651539
LEO FLEX IP66 190W 840 PC W3M	96651540
LEO FLEX IP66 300W 840 PC W3M	96651542
LEO FLEX IP66 350W 840 PC W3M	96651543
<b>5000K</b>	
LEO FLEX IP66 80W 850 PC W3M	96651533
LEO FLEX IP66 120W 850 PC W3M	96651534
LEO FLEX IP66 190W 850 PC W3M	96651535
LEO FLEX IP66 300W 850 PC W3M	96651536
LEO FLEX IP66 350W 850 PC W3M	96651537

### Portfolio overview



### Integral photocell (Default)

No matter if Leo is used outside or even inside for different applications (e.g. industrial areas) its integral photocell can be easily set via dip switches on the back of the product. It enables four settings to suit your application at the time of installation.

Setting 1: 10Lux on/30Lux off

Setting 2: 25Lux on/75Lux off

Setting 3: 200Lux on/300Lux off

Setting 4: Disable

# Leonie Vario Flex

## LED Floodlight



3D view



Small yet extremely powerful, Leonie Vario Flex lights up dark outdoor areas

- FLEX Feature (Lumen switch): Decide on your lumen package per lumen switch directly on site for two sizes (16 W and 40 W)
- VARIO Feature (Colour temperature switch): 3000 K (warm white), 4000 K or 5700 K (neutral white or daylight)
- Very light-weight, compact and streamline design
- Tilted universal mounting bracket allows easy surface mounting
- Compatible with the "LEONIE VARIO FLEX PLUG&PLAY MWS" presence sensor (available as accessory)



CCT switch  
(3000 K, 4000 K  
and 5700 K)



Lumen switch  
(2 sizes with  
switchable  
lumen  
packages)



50000 h lifetime  
before luminous  
flux is reduced  
to 80% of the  
initial value



IP65 splash  
resistant  
and IK08  
rated impact  
resistance



Optional  
presence sensor

Ideal for ...



Building  
facades



Car parks



Footpaths



Gardens

### Installation/Mounting

- Suitable for wall or ceiling mounting
- Pre-wired with a 55 cm long mains cable and open cable ends
- Wall bracket available as accessory

### Material/Finish

- Body: Aluminium, powder coated, RAL 7016 (anthracite grey)
- Bracket: Carbon steel, RAL 7016 (anthracite grey)
- Front cover: glass

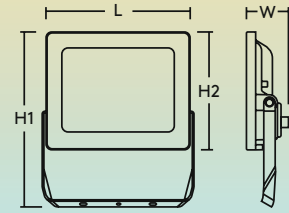
### Light source information

- Flex @ 4000K:  
16 W 1000lm 1500lm 2000lm  
40 W 3300lm 4000lm 5000lm
- Vario: 3000 K, 4000 K & 5700 K
- Efficiency up to 143lm/W
- 50000 hours rated life (@L80, Ta 25°C)
- MacAdam (initial): 5 Beam angle: 100±5°
- CRI 80



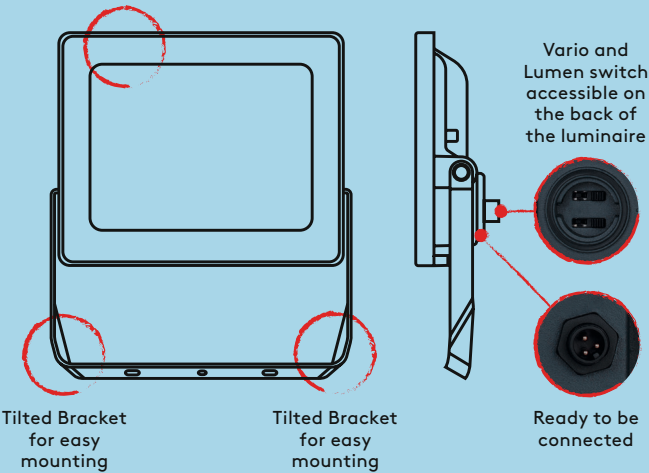
LEONIE VARIOFLEX IP65 16W 830/40/57  
LEONIE VARIOFLEX IP65 40W 830/40/57

L	W	H1	H2
164	48	199	134
177	56	214	148



## Facilitating life

RAL 7016 (anthracite grey)  
for a better architectural  
integration



## Ordering guide

Description	SAP Code
LEONIE VARIOFLEX IP65 16W 830/40/57	96652074
LEONIE VARIOFLEX IP65 40W 830/40/57	96652075
Accessories	
LEONIE VARIOFLEX PLUG&PLAY MWS	96635648
LEONIE VARIOFLEX WALL BRACKET	96635746

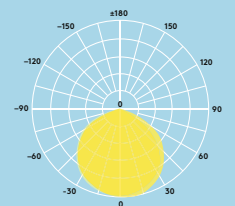
MWS: microwave presence sensor

### Presence sensor

The optional sensor will ensure that light is only delivered when needed. The motion detection range and time duration is fully adjustable, with the additional benefit of a daylight sensor for illuminance levels between 2 and 50 lux.

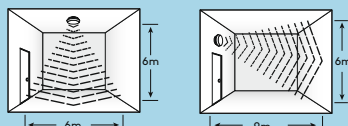


### Portfolio overview



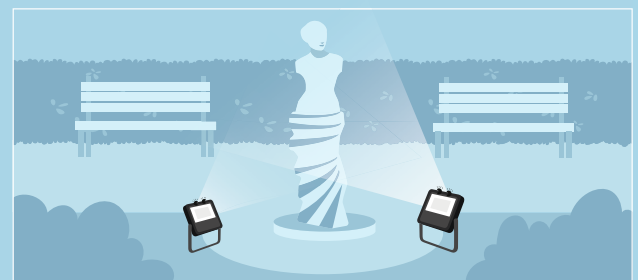
### MWS Sensor range

at 100% sensitivity



### Controllability (default) Specification

📶 Sensitivity	10%, 50%, 75%, 100%	– Class I electrical
🕒 Time	5s, 90s, 5min, 15min	– IP65
✳️ lux	2lux, 10lux, 50lux, disable	– IK08 (IK07 for sensor)
		– Ambient operating temperature: -30 to +40°C

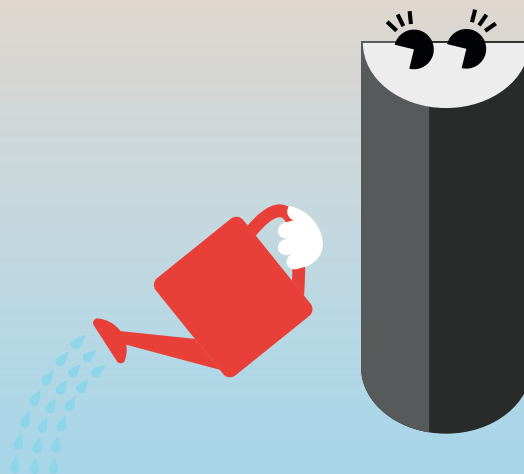


Leonie Vario Flex  
16 W

Leonie Vario Flex  
40 W

# Holly

## Wall-mounted LED Outdoor Luminaire



### Pure and beautiful from within, Holly expresses herself on walls

- Elegant and timeless design
- 3 different designs (round, square, can)
- Versions with up/downlight or only downlight available
- Zero uplight versions available to reduce light pollution
- Special designed back plate provides more flexibility in mounting
- Fast and easy installation thanks to well positioned 3 pole terminal block



Sealed to IP65  
for protected  
exterior  
applications



50 000 hours  
lifetime



IK04 rated  
impact  
resistance

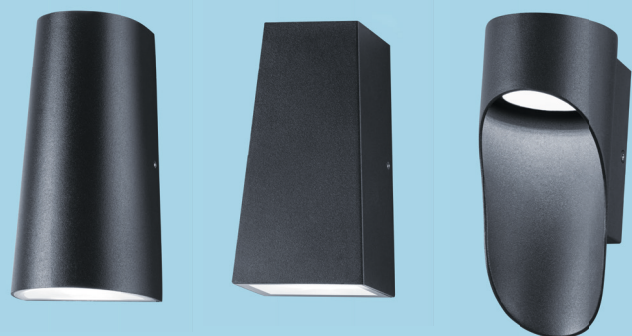
#### Ideal for...



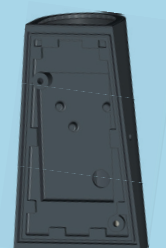
Building facades



Residential



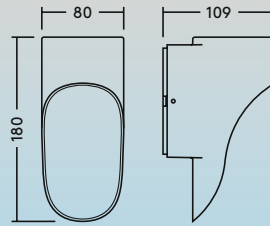
Special designed  
back plate provides  
more flexibility in  
mounting



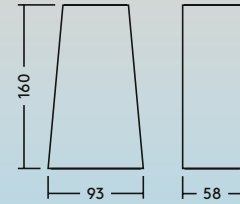




Can version

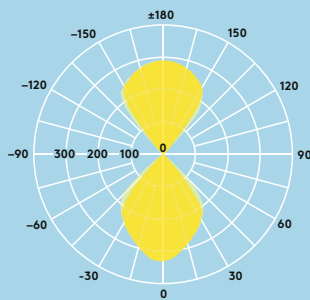


Round and square version



## Light distribution

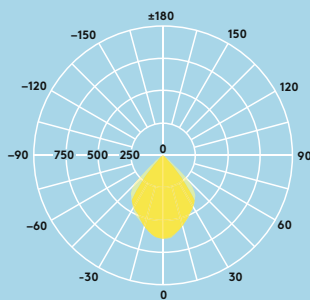
63lm/W



### Holly UP/DOWN

cd/klm ULOR: 47 %  
DLOR: 53 %  
LOR: 100 %

60lm/W



### Holly DOWN

cd/klm ULOR: 0 %  
DLOR: 100 %  
LOR: 100 %

## Light source information

- 250 - 500lm
- 3000K
- 50 000 hours rated life (@L80, Ta 25 °C)
- CRI 80

## Specification

- Class I electrical
- IP65
- IK04
- Ambient operating temperature: -20 to +40 °C

## Ordering guide

Description	SAP Code
HOLLY CONE ROUND DOWN IP65 300 830	96633683
HOLLY CONE ROUND UP/DOWN IP65 500 830	96633684
HOLLY CONE SQUARE DOWN IP65 300 830	96633685
HOLLY CONE SQUARE UP/DOWN IP65 500 830	96633686
HOLLY WALL CAN DOWN IP65 250 830	96633687

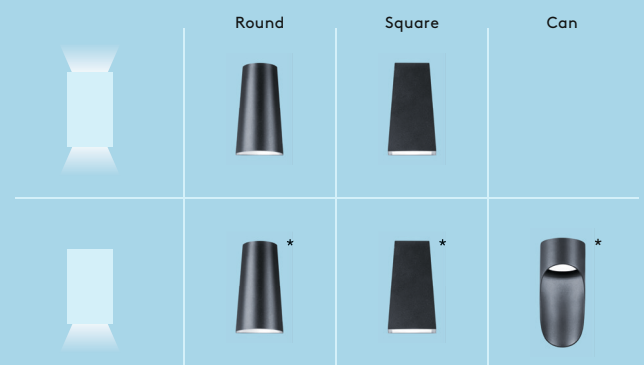
## Installation/Mounting

- Fast and easy installation thanks to well positioned 3 pole terminal block
- Special designed back plate provides more flexibility in mounting

## Material/Finish

- Body: Aluminium die-cast RAL7016
- Front cover: clear glass

## Light output



\*No light pollution, zero uplight

# Eve

## Emergency LED Luminaire



### Efficient and versatile, Eve is suitable for most emergency lighting applications

- With energy efficient LEDs and reliable lithium iron phosphate battery
- Eve delivers superior light output allowing greater spacing with a D40 classification
- Low 0.5W standby power consumption
- Retrofitting is easy with an adaptor plate to suit older applications included in the box
- Suitable for ceiling recess cut out diameters of 70 mm through to 135 mm
- Energy efficient, long life LEDs 50 000 hours
- Tamper resistant – no dome required
- Pre-wired with FLEX&PLUG with remote gear and battery pack
- Manual test switch
- Luminaire 5 year warranty
- Battery 3 year warranty
- Complies to AS/NZS 2293



3 W max  
charge rate



50 000 hours  
lifetime



Low 0.5W  
standby power  
consumption



140 x 17 mm



3 hours  
emergency  
duration



D40 spacing  
classification

#### Ideal for ...



Circulation  
corridors



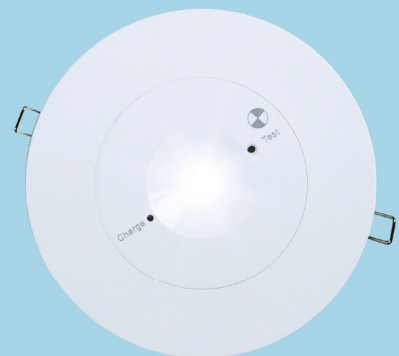
Stairwells

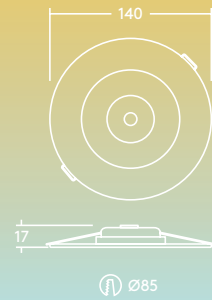


Offices and  
meeting rooms



Reception  
areas





## Ordering guide

Description	SAP Code
EVE LED DISK D40 E2NM	96294619

### Light source information

- Lifetime 50 000 hours
- 3W
- 4x High flux LEDs

### Installation/Mounting

Recessed ceiling mount with 70 mm ceiling hole cut-out. 135 mm with adaptor plate for retrofit

### Material/Finish

White polycarbonate disc with an aluminium heat sink

### Specification

- Class II electrical
- D40 spacing classification
- Non-maintained emergency luminaire, manual test switch
- AS/NZS 2293
- 3W charge rate, 0.5W standby
- 0°C to +40°C

# Eric

## LED Exit Luminaire



### Easy to install and energy efficient, Eric is a versatile emergency exit luminaire

- Energy efficient LED with reliable lithium iron phosphate battery
- Low 3W standby power consumption
- One Box Solution – for surface ceiling/ wall mounting and comes with a full set of pictograms for single or double sided installations
- Easy installation: Large terminal block and cable entry
- 24m viewing distance
- Luminaire 5 year warranty
- Battery 3 year warranty
- Complies to AS/NZS 2293



Low 3W  
standby power  
consumption



350 x 73 x  
208 mm



50 000 hours  
lifetime



3 hours  
emergency  
duration



24 m viewing  
distance

#### Ideal for ...



Offices and  
meeting rooms



Stairwells



Circulation corridors



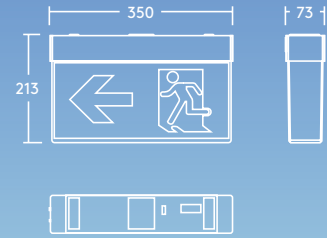
Reception areas



Storage facilities



Public entrance areas



## Ordering guide

Description	SAP Code
ERIC LED EXIT 24M E2M	96294618

### Light source information

- 50 000 hours rated life (1°C to 40°C)
- 3W

### Installation/Mounting

Wall, Ceiling single sided and double sided

### Material/Finish

- Body: Polycarbonate
- Diffuser: Polycarbonate

### Specification

- Class II electrical
- Maintained, manual test switch
- AS/NZS 2293
- 24m viewing distance
- C0-D12.5, C90-D8 spacing classification





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