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# DECORATIVE

EXTERIOR LIGHTING  
& SENSORS

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Simx Lighting prides itself on selecting only top quality products with reliable components and workmanship. Unique and often ground breaking features with real user benefits are high priorities in our selection process.

A key part of our process is in working directly with carefully selected manufacturers to design product that best suit New Zealand conditions. Whether that is by improving raw material selection, functionality, or changes to facilitate easier installation, we ready our products and look for ongoing improvements to ensure your experience with Simx Lighting is a positive one.

To this end, we have taken New Zealand's unique geography as inspiration for architectural design themes using our natural landscapes and colour tones as the basis for a set of new products which complement each other as well as modern New Zealand home design.



Esylux a German-based innovator and manufacturer of intelligent automation and lighting solutions - a welcome addition to the Simx Ltd product offering.

In light of the often complex requirements, close attention is given to the simple operation of our product solutions. Together with ensuring the highest standards in quality, design, convenience and service are met, Esylux products are always delivering new, surprisingly easy solutions for the perfect synergy between automation and lighting in any space.

# BULKHEADS

## LIGHTING PEOPLE AND SPACES



**TEKAPO**



**WAKATIPU**



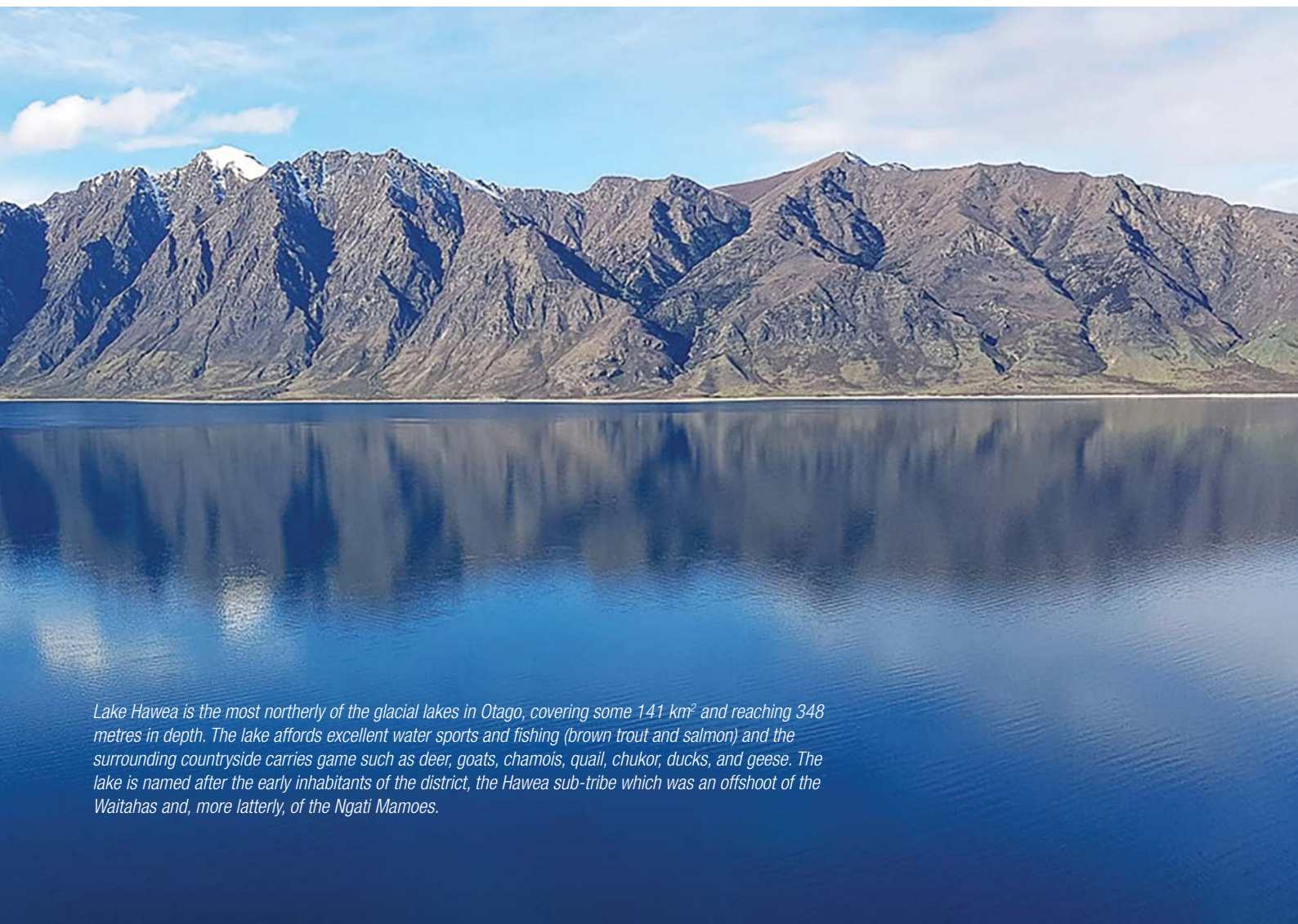
**PUKAKI**



**WANAKA**



**HAWEA**



*Lake Hawea is the most northerly of the glacial lakes in Otago, covering some 141 km<sup>2</sup> and reaching 348 metres in depth. The lake affords excellent water sports and fishing (brown trout and salmon) and the surrounding countryside carries game such as deer, goats, chamois, quail, chukor, ducks, and geese. The lake is named after the early inhabitants of the district, the Hawea sub-tribe which was an offshoot of the Waitahas and, more latterly, of the Ngati Mamoos.*

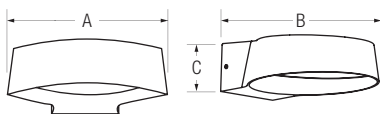


## TEKAPO

- 0% upward light
- Suitable for both commercial and residential use
- Warm white output for reduced sky glow
- Powder coated aluminium, tempered glass

12W

Order Code	Anthracite	LHT1113
	White	LHT1114
LED Colour	3000K	
Luminous Flux	900 lm	
IP Rating	IP54	
Dimensions	162mm (A) 192mm (B)	60mm (C)

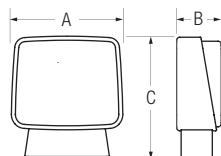


## PUKAKI

- Modern design for modern decor
- All weather construction
- Use over doorways and access areas
- Powder coated aluminium, UV-stabilised polycarbonate

10W

Order Code	Anthracite	LHT1111
	White	LHT1112
LED Colour	3000K	
Luminous Flux	460 lm	
IP Rating	IP65	
Dimensions	125mm (A) 50mm (B) 137mm (C)	



## HAWEA

- Extra heavy duty construction
- Up/down light output
- Residential and commercial use
- Powder coated aluminium, UV-stabilised polycarbonate

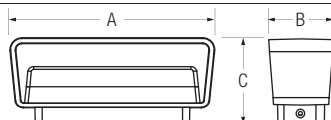
7W

Order Code	Anthracite	LHT1119
	White	LHT1120
LED Colour	3000K	
Luminous Flux	170 lm	
IP Rating	IP65	
Dimensions	175mm (A) 64 mm (B) 83mm (C)	



13W

Order Code	Anthracite	LHT1121
	White	LHT1122
LED Colour	3000K	
Luminous Flux	600 lm	
IP Rating	IP65	
Dimensions	248mm (A) 70mm (B) 115mm (C)	



## WAKATIPU

- Popular European styling
- Angled face for wider coverage
- Patios and pathways in commercial and residential spaces
- Powder coated aluminium, UV-stabilised polycarbonate

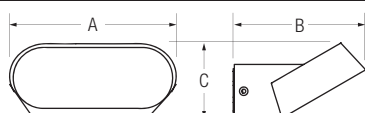
7W

Order Code	Anthracite	LHT1115
	White	LHT1116
LED Colour	3000K	
Luminous Flux	235 lm	
IP Rating	IP65	
Dimensions	180mm (A) 114mm (B) 65mm (C)	



13W

Order Code	Anthracite	LHT1117
	White	LHT1118
LED Colour	3000K	
Luminous Flux	360 lm	
IP Rating	IP65	
Dimensions	250mm (A) 123mm (B) 74mm (C)	



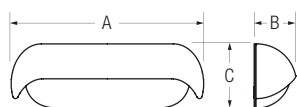


## WANAKA

- Sleek design creating exceptional styling
- Zero frame lens
- Soft warm white output for patios and balconies
- Powder coated aluminium, UV-stabilised polycarbonate

13W

Order Code	Anthracite	LHT1109
	White	LHT1110
LED Colour	3000K	
Luminous Flux	690 lm	
IP Rating	IP65	
Dimensions	270mm (A)	58mm (B) 100mm (C)



# UP/DOWN & DOWNLIGHTS

## VERSATILE FACADE LIGHTING



**AORAKI**



**TARAWERA**



**RUAPEHU**



**TONGARIRO**



*Aoraki / Mount Cook is the highest mountain in New Zealand. In legend, Aoraki (Cloud in the Sky) was one of the sky father's four sons who had gone off in a canoe to explore the southern ocean. Intending to return home their canoe capsized turning into the land formation now known as the South Island. Aoraki and his brothers clambered on to the high side and were turned to stone to become the Southern Alps. They are still there today with Aoraki, the highest peak (Mount Cook) surrounded by his brothers who are the next highest peaks. Abel Tasman's crew decided to name the peak in English; "Mount Cook" in honour of Captain James Cook.*



## AORAKI

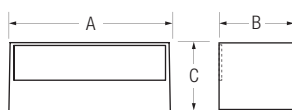
- Subtle sidelight effect
- Durable, water and dustproof
- Warm white light creates a welcoming ambient
- Powder coated aluminium, UV-stabilised polycarbonate

### 2 x 3W UP/DOWN LIGHT

<b>Order Code</b>	<b>LHT1127</b>
LED Colour	3000K
Luminous Flux	340 lm
IP Rating	IP65
Dimensions	142mm (A) 62mm (B) 54mm (C)

### 2 x 8W UP/DOWN LIGHT

<b>Order Code</b>	<b>LHT1128</b>
LED Colour	3000K
Luminous Flux	850 lm
IP Rating	IP65
Dimensions	220mm (A) 70mm (B) 57mm (C)



## TONGARIRO

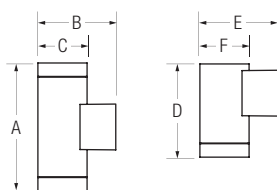
- Subtle side light effect
- Durable, water and dustproof
- Excellent patio and entrance lighting
- Powder coated aluminium, UV-stabilised polycarbonate

### 2 x 6W UP/DOWN LIGHT

<b>Order Code</b>	<b>LHT1129</b>
LED Colour	3000K
Luminous Flux	490 lm
IP Rating	IP65
Dimensions	175mm (A) Ø 94mm (B) 63mm (C)

### 7W DOWNLIGHT - ZERO UPLIGHT

<b>Order Code</b>	<b>LHT1130</b>
LED Colour	3000K
Luminous Flux	275 lm
IP Rating	IP65
Dimensions	120mm (D) Ø 94mm (E) 63mm (F)



## RUAPEHU

- Contemporary and robust design
- High quality optics - 38°
- Low glare direct output
- Powder coated aluminium, tempered glass

### 2 x 6W UP/DOWN LIGHT

<b>Order Code</b>	<b>LHT1131</b>
LED Colour	3000K
Luminous Flux	950 lm
IP Rating	IP65
Dimensions	178mm (A) Ø 94mm (B) 63mm (C)

### 2 x 12W UP/DOWN LIGHT

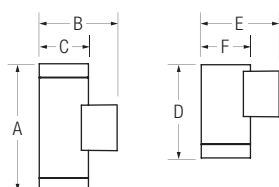
<b>Order Code</b>	<b>LHT1133</b>
LED Colour	3000K
Luminous Flux	1550 lm
IP Rating	IP65
Dimensions	280mm (A) Ø 171mm (B) 108mm (C)

### 7W DOWNLIGHT - ZERO UPLIGHT

<b>Order Code</b>	<b>LHT1132</b>
LED Colour	3000K
Luminous Flux	500 lm
IP Rating	IP65
Dimensions	120mm (D) Ø 94mm (E) 63mm (F)

### 12W DOWNLIGHT - ZERO UPLIGHT

<b>Order Code</b>	<b>LHT1134</b>
LED Colour	3000K
Luminous Flux	810 lm
IP Rating	IP65
Dimensions	190mm (D) Ø 171mm (E) 108mm (F)





## TARAWERA

- Low glare direct output
- Robust and compact construction
- Creates beautiful grazing effect on facades
- Powder coated aluminium, tempered glass

### 2 x 3W UP/DOWN LIGHT

<b>Order Code</b>	<b>LHT1135</b>		
LED Colour	3000K		
Luminous Flux	450 lm		
IP Rating	IP65		
Dimensions	142mm (A)	62mm (B)	47mm (C)

### 2 x 8W UP/DOWN LIGHT

<b>Order Code</b>	<b>LHT1136</b>		
LED Colour	3000K		
Luminous Flux	1000 lm		
IP Rating	IP65		
Dimensions	220mm (A)	69mm (B)	45mm (C)

### 12W DOWNLIGHT - ZERO UPLIGHT

<b>Order Code</b>	<b>LHT1137</b>		
LED Colour	3000K		
Luminous Flux	1550 lm		
IP Rating	IP65		
Dimensions	220mm (A)	72.5mm (B)	32mm (C)



# BOLLARDS

QUALITY SOLUTIONS FOR ACCESSWAYS AND PATHS

ESYLUX®

ALVA





**ESYLUX**

## ALVA

- High grade construction protects against sea air
- Suitable for path, forecourt, driveway or green area lighting
- Dirt and graffiti repellent coating
- Powder coated aluminium

### 7W CLEAR

	3K	Anthracite	LHT1006
Order Code	4K	Anthracite	LHT1009
		White	LHT1008
LED Colour and	3000K		530 lm
Luminous Flux	4000K		560 lm
IP Rating			IP65
Rated Life			L70B10 = 105,000hrs
Dimensions		700mm (A)	Ø 100mm (B)

### 7W MILKY

	3K	Anthracite	LHT1010
Order Code	4K	Anthracite	LHT1012
LED Colour and	3000K		400 lm
Luminous Flux	4000K		460 lm
IP Rating			IP65
Rated Life			L70B10 = 105,000hrs
Dimensions		700mm (A)	Ø 100mm (B)

Also available in larger 16 watt models for commercial and public spaces



# SENSORS

PERFECT PARTNERS FOR SECURITY AND SAFETY



**ESYLUX**®

**DEFENSOR**



**COMPACT  
MINI**



**TRINITY**



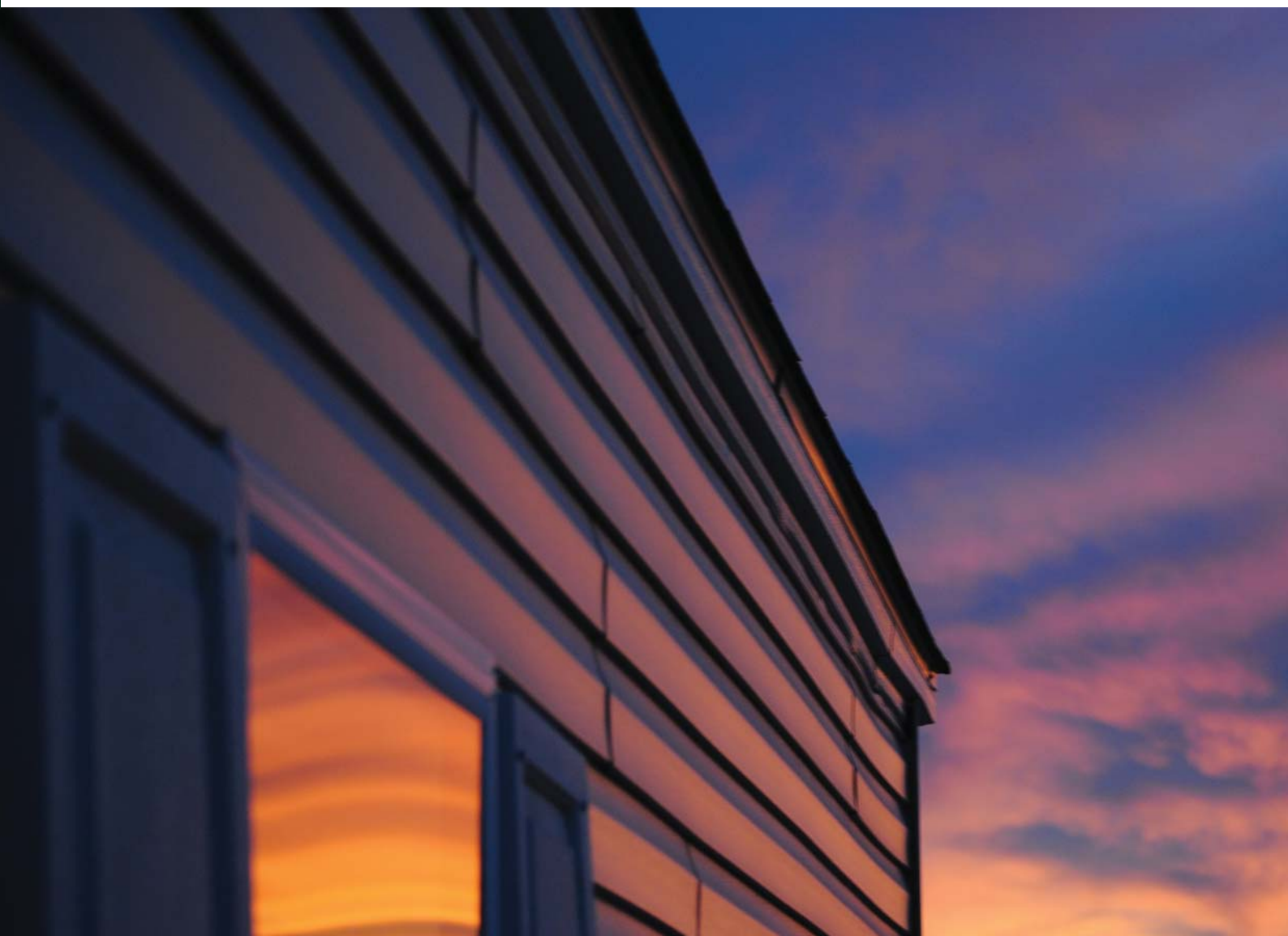
**MD-W**



**RC 230i**



**SMART  
SENSE**





**ESYLUX**

## DEFENSOR

- Time dependent operating modes
- Run-on time on direction of movement
- Intelligent protection against vandalism and sabotage
- Zero cross switching to protect relays
- UV-stabilised polycarbonate

**230° (2 x 115°)**

Order Code	Anthracite	LHT1138
	White	LHT1139
Detection (adjustable)	Horizontal	230° (2 x 115°)
Range	Diagonal	Ø 40m
	Head-on	Ø 10m
Time On Adjustable		1 - 240 mins
Max. Switching	Resistive	2300W
	LED	200W
IP Rating		IP55



**AVAILABLE  
AUGUST 2020**

## MD-W 200°

- Blends in harmoniously with design of outer facades
- Optimised for controlling LED lights in outdoor areas
- Individual fields of detection for two zones
- UV-stabilised polycarbonate

### MOTION DETECTION - 200°

Order Code	Black	LHT0291
	White	LHT0292
Detection (adjustable)	200° (2 x 100°)	
Range	Diagonal	Ø 20m
	Head-on	Ø 10m
Time on Adjustable	15 sec - 16 min	
Max. Switching	Resistive	2300W
	LED	200W
IP Rating	IP55	



ESYLUX®

## COMPACT MINI

- Practically invisible due to trimless compact size
- No remote electronics required
- Instant operation with factory settings
- UV-stabilised polycarbonate

### MOTION DETECTION - 360°

Range	Switching	Cutout Size	IP Rating	Order Code
6m	ON/OFF	Ø 20mm	IP65	LHT0523
8m	ON/OFF	Ø 25mm	IP55	LHT0307
12m	ON/OFF	Ø 25mm	IP55	LHT0524

### PRESENCE DETECTION - 360°

Range	Switching	Cutout Size	IP Rating	Order Code
6m	ON/OFF	Ø 20mm	IP65	LHT0525
8m	ON/OFF	Ø 25mm	IP55	LHT0526
	Slave	Ø 25mm	IP55	LHT0529
12m	ON/OFF	Ø 25mm	IP55	LHT0527

Also available for 12V DC, 12-36V AC/DC, DALI and KNX



## RC 230i

- Wall or ceiling mounting
- High level of safety with 360° creep alert
- Zero-crossing switching to protect relays with high inrush
- UV-stabilised polycarbonate

### 230° (2 x 115°)

Order Code	Black	LHT0318
	White	LHT0319
Detection (adjustable)	230° (2 x 115°)	
Range	Diagonal	Ø 40m
	Head-on	Ø 16m
Max. Switching	Resistive	2300W
	LED	200W
IP Rating	IP54	

Also available for 12-36V AC/DC and KNX





## TRINITY 180°

- Scrolling LED as intruder deterrent
- Integral 16A relay for switching
- UV-stabilised polycarbonate

### TRINITY 180°

Order Code	Black	LHT0238
	White	LHT0239
Detection	180° Forward	
Range	10m	
Time On Adjustable	5 sec-15 min	
Max. Switching	Resistive	3000W
	LED	110W
IP Rating	IP55	



## SMART SENSE 180°

- Wall or ceiling mount
- Large accessible wiring box
- Integral 12A relay for switching
- UV-stabilised polycarbonate

### SMART SENSE 180°

Order Code	Black	LHT0119
	White	LHT0120
Detection	180° Forward	
Range	12m	
Time On Adjustable	5 sec-5 min	
Max. Switching	Resistive	2000W
	LED	110W
IP Rating	IP55	



# SPOTLIGHTS & FLOODLIGHTS

INTELLIGENT LIGHTING FOR SECURITY AND SAFETY



**SENSOR  
LED MAX**



**TRINITY LED**



**REFLECT LED**



**ECOSPOT  
SELECT**



**ROBO LED**



**FLOOD LED**



**LED ECOSPOT**



**CHAMELEON**





## SENSOR LED & SENSOR LED MAX

- Compact construction for discrete use
- Wall or ceiling mount
- High weatherproof rating
- UV-stabilised polycarbonate

### PIR SENSING

Order Code	2 x 4W	Black	LHT1081
		White	LHT1082
	2 x 8W	Black	LHT0269
		White	LHT0270
Detection	140° Forward		
Range	8m		
Time On Adjustable	30 sec-6 min		
LED Colour	3100K		
Luminous Flux	2 x 4W	550 lm	
	2 x 8W	1200 lm	
Beam Angle	95°		
IP Rating	IP55		



## ECOSPOT SELECT

- Lamp colour selectable
- Wall or ceiling mount
- Backlight restricted optics
- UV-stabilised polycarbonate

### 2 x 10W PIR

Order Code	Black	LHT1054
	White	LHT1055
Detection		150°
Range		8m
Time On Adjustable		10 sec-4 min
LED Colour & Luminous Flux	3000K	1800 lm
	4000K	2000 lm
	5000K	2000 lm
Pan/Tilt		Yes
IP Rating		IP54

Also available without sensor in twin or single models as below

### 2 x 10W

Order Code	Black	LHT1056
	White	LHT1057

### 1 x 10W

Order Code	Black	LHT1058
	White	LHT1059



## LED ECOSPOT

- Wall or ceiling mount
- Extra wide beam optics
- Cast alloy, UV-stabilised polycarbonate

### 2 x 8W PIR

Order Code	Black	LHT0244
	White	LHT0250
Detection		180°
Range		12m
Time On Adjustable		3 sec-7 min
LED Colour		3500K
Luminous Flux		1440 lm
Beam Angle		105°
Pan/Tilt		Yes
IP Rating		IP44

Also available without sensor in twin or single models as below

### 2 x 8W

Order Code	Black	LHT0248
	White	LHT0249

### 1 x 8W

Order Code	Black	LHT0246
	White	LHT0247





## TRINITY LED

- Scrolling LED as intruder deterrent
- Auto sensor, manual and timer modes
- Wide beam high output twin 12W LED
- Cast alloy, UV-stabilised polycarbonate

### 2 x 12W PIR

Order Code	Black	LHT0331
	White	LHT0332
Detection	3m	180°
	12m	80°
Range	up to 12m	
Auto Time On Adjustable	5 sec-7 min	
LED Colour	5500K	
Luminous Flux	1600 lm	
Beam Angle	105°	
IP Rating	IP44	



## ROBO LED

- Motorised light follows movement in the detection zone
- PIR sensor for system efficiency
- Cover much larger areas with less fittings
- Cast alloy, UV-stabilised polycarbonate

### 18W

<b>Order Code</b>	<b>LHT1083</b>
Detection	270°
Range	10m
Time On (fixed)	3 min
LED Colour	4000K
Luminous Flux	1100 lm
Motorised Head Pan	±90°
IP Rating	IP44



## REFLECT LED

- Rear projection technology
- Switchable PIR detect or dusk/dawn operation
- Extruded alloy, UV-stabilised polycarbonate

### REFLECT LED

Order Code	12W	Black	LHT0277
		White	LHT0278
	20W	Black	LHT0279
		White	LHT0280
	26W	Black	LHT0281
		White	LHT0282
Detection		120° Forward	
Range		10m	
Time On Adjustable		5 sec-10 min	
LED Colour		5700K	
Luminous Flux & Beam Spread	12W	500 lm	105°
	20W	1000 lm	110°
	26W	1500 lm	110°
Dusk Control		2-2000 Lux Adjustment	
IP Rating		IP54	

Also available without sensor in single or twin models



## FLOOD LED

- Best choice for commercial and industrial applications
- Optimised thermal fins for heat dissipation
- Long life components
- Cast alloy, tempered glass

### FLOOD LED

<b>Order Code</b>	<b>30W</b>	<b>LHT0214</b>
	<b>50W</b>	<b>LHT0215</b>
LED Colour		5700K
Luminous Flux	30W	2300 lm
	50W	4250 lm
Beam Spread		110°
Rated Life		L70 B50 = 75,000 hrs
Cable (fitted)		1800mm
IP Rating		IP65





## CHAMELEON

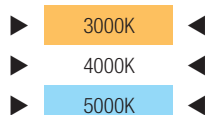
- Select LED colour temperature to suit application
- 8 step dimming with remote controller (included)
- Grouping capable for synchronised operation
- Powder coated aluminium, tempered glass

20W

Order Code	Black	LHT1096
	White	LHT1097
LED Colour	3000K / 4000K / 5000K	
Luminous Flux (adjustable)	130-1500 lm	
Cable (fitted)	900 mm	
IP Rating	IP65	



### LED Colour Selectable



### Dim Control



10-100%





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Specifications are subject to change without notice

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