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LED Button
Moeraki Perimeter Wall Light
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Floodlights



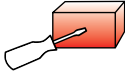


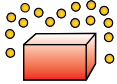
ESYLUX OFR/AFR
Chameleon - Dimmable
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Reflect LED PIR
Reflect LED
Flood LED

Battery Lighting




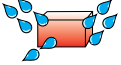
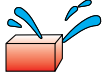

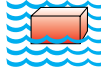
Ultrabright Sensor Light
Ultrabright PIR Shed Light
EzyLED Spot Two

IP Ratings






Protection Against Solids






IP	TEST
0	Non-protected
1	Solid objects over 50mm (e.g. accidental touch by hands) 
2	Solid objects over 12mm (e.g. fingers) 
3	Solid objects over 2.5mm (e.g. tools and wires) 
4	Solid objects over 1mm 
5	Dust that could interfere with satisfactory operation 
6	No ingress of dust 

Protection Against Liquids

IP	TEST
0	Non-protected
1	Vertically falling drops of water (e.g. condensation) 
2	Direct sprays of water up to 15° from vertical 
3	Sprays of water up to 60° from vertical 
4	Water splashed from all directions 
5	Low pressure jets of water from all directions 
6	Strong jets of water 
7	Effects of temporary water immersion between 15cm-1m 

IK Ratings - Protection Against Impact

01	7.5cm  200g 0.15 Joule Impact
02	10cm  200g 0.20 Joule Impact
03	17.5cm  200g 0.35 Joule Impact
04	25cm  200g 0.50 Joule Impact
05	35cm  500g 0.7 Joule Impact

06	40cm  250g 1 Joule Impact
07	40cm  500g 2 Joule Impact
08	30cm  1.7kg 5 Joule Impact
09	20cm  5kg 10 Joule Impact
10	40cm  5kg 20 Joule Impact

SENSING EXCELLENCE

PRO SERIES



Smart Sense PRO 180°



Detection	Range (Max.)	Time On Adjustable	D Mode	Manual Override	Max. Switching	Colour	Product Code
180° Forward	12m (radius)	2 sec - 15 min	Yes	Yes	2000W (Resistive)	Black	LHT1205
					400W (LED)	White	LHT1206

- Zero Cross Switching to Suppress
- Easy Manual Override
- PIR or Daylight Switch Selector (D-mode)
- Pulse Mode
- Dusk Learn Function

Trinity PRO 220°

Scrolling red LED for prowler deterrence



Detection	Range (Max.)	Time On Adjustable	D Mode	Manual Override	Timer Mode	Sensitivity Adjustable	Max. Switching	Colour	Product Code
220° Forward	12m (radius)	2 sec - 15 min	Yes	Yes	1-3 hrs	Yes	2000W (Resistive)	Black	LHT1207
							600W (LED)	White	LHT1208

- Zero Cross Switching to Suppress
- Auto Sensor, Manual and Timer Modes
- PIR or Daylight Switch Selector (D-mode)
- Pulse Mode
- Dusk Learn Function

PRO Series General Information

Mounting	Housing	Pulse Mode	Zero Cross Switching	Dusk Learn Function	IP Rating	Safety	Warranty
Wall or Ceiling	UV-stabilised Polycarbonate	Yes	Yes	Yes	IP55	IK07	3 years

PIR Sensors

Smart Sense 180°



Detection	Range	Time On Adjustable	Dusk Control	Manual Override	Max. Switching	Colour	Product Code
180° Forward	12m	5 sec - 15 min	Yes	Yes	2000W (Resistive) 400W (LED)	Black	LHT0119
						White	LHT0120

- Flat TPS power gasket for easy installation
- Zero cross switching to suppress in-rush current
- 400W LED switching
- Manual override capable

General Information

Mounting	Housing	IP Rating	Safety	Warranty
Wall or ceiling	UV-stabilised polycarbonate	IP55	Class II	3 years

Smart Sense 360°

Surface or Flush Mount



Detection	Range	High Occupancy Zone	Time On Adjustable	Dusk Control	Manual Override	Max. Switching	Colour	Product Code
360° Downward	22m (dia) Adjustable	6m	10 sec - 40 min	Yes	Yes	2000W (Resistive) 300W (LED)	White	LHT0179

- Triple PIR for extra wide 22 metre detection
- All in one surface or recess mount
- Occupancy detection high/low sensing zones

General Information

Cut Out for Recessing	Mounting	Safety	IP Rating	Warranty
82mm - 88mm Ø	Surface or flush	Class II	IP44	3 years

Smart Sense 360° Accessories

Description	Product Code
Replacement Mounting Accessory Pack for LHT0179	LHT0417

DECOSENSE 360° 8mtr

Recess and Surface Dual Mount



Detection	Range (Max.)	Time On Adjustable	Zero Cross Switching	Manual Override	Max. Switching	Colour	Product Code
360° Downward	8m (dia)	2 sec - 30 min	Yes	Yes	2000W (Resistive) 400W (LED)	White	LHT2142

- Recess and Surface mount solution in one
- Zero-Cross switching for in-rush current suppression
- Easy Manual Override
- PIR or Dusk to Dawn mode
- Pulse Mode
- Dusk Learn function

General Information

Mounting	Housing	Pulse Mode	Dusk to Dawn Mode	Dusk Learn Function	IP Rating	Safety	Warranty
Recess/ Surface	UV-stabilised Polycarbonate	Yes	Yes	Yes	IP44	IK07	3 years

DECOSENSE MINI 360°

Flush Mount



Detection	Range (Max.)	Time On Adjustable	Lux Control	Manual Override	Max. Switching	Colour	Product Code
360° Downward	6m (dia)	10 sec - 30 min	Adjustable daylight to night 2-2000lux	Yes	1000W (Resistive) 150W (LED)	White	LHT1240
						Black	LHT1250

- Discrete flat lens sensor
- All-on-one, no remote gear
- Manual override capable

General Information

Dimensions Ø x D (mm)	Cut-out Dia	Housing	Mounting	IP Rating	Safety	Warranty
54 x 70	Ø40mm	UV-stabilised Polycarbonate	Recess	IP54	Class II	3 years

Basic 360°



Detection	Type	Range	Time On Adjustable	Manual Override	Max. Switching	Supply	IP Rating	Colour	Product Code
360° Downward	Motion	8m	15 sec - 30 min	Yes	2300W (Resistive) 600W (LED)	230V AC	IP40	White	EB10430404
						230V AC	IP54		EB10431340
		230V AC				IP40	EB10430848		
		230V AC				IP54	EB10431333		
	Presence	8m				230V AC	IP40		EB10430411
						230V AC	IP54		EB10431302
						KNX	IP40		EB10430442
		24m				230V AC	IP40		EB10430855
						230V AC	IP54		EB10431289

- Zero-cross switching to protect relays
- Suitable for immediate operational readiness

General Information

Model (Range)	Dimensions Ø x D (mm)	Housing	Mounting	Safety	IP Rating	Warranty
8m	101 x 33	UV stabilised polycarbonate	Ceiling	Class II	IP40	5 years
	101 x 50				IP54	
24m	101 x 53				IP40	
	101 x 73				IP54	

Basic Express 360°



Detection	Type	Range	Time On Adjustable	Manual Override	Max. Switching	Supply	IP Rating	Colour	Product Code
360° Downward	Motion	8m	15 sec - 30 min	Yes	2300W (Resistive) 600W (LED)	230V AC	IP23	White	EB10431777
	Presence					230V AC	IP23		EB10431784

- Zero-cross switching to protect relays
- Suitable for immediate operational readiness
- Requires Easy-PEN or PDI/MDI for programming

General Information

Model (Range)	Cut-Out for Recessing (mm)	Housing	Mounting	Safety	IP Rating	Warranty
8m	Ø62	UV stabilised polycarbonate	Ceiling Recessed	Class II	IP23	5 years

Defensor



Detection (Adjustable)	Range	Time On Adjustable	Max. Switching	Supply	Colour	Product Code
230° (2 x 115°)	Ø 40m (Diagonal)	1 min - 240 min	2300W (Resistive) 600W (LED)	230V AC	Anthracite	EM10025389
					White	EM10025372
Anthracite					EM10025402	
White					EM10025396	
280° (3 x 95°)						

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

General Information

Dimensions H x W x D (mm)	Housing	Mounting	Operating Temperature	Safety	IP Rating	Warranty
107.5 x 92 x 138	UV-stabilised polycarbonate	Wall or ceiling	-25°C - 50°C	Class II	IP55	5 years

Defensor Programming Tool and Accessories

Description	Product Code	Description	Product Code
Program Tool Esy-PEN	EP10425356	Program Tool - Defensor	EM10025501
Corner Bracket - Anthracite	EM10025457	Spacer Anthracite	EM10025433
Corner Bracket - White	EM10025419	Spacer White	EM10025426
User Remote - Defensor	EM10025495		

Defensor Twilight Switch



Ambient Light Detection	Max. Switching	Supply	Colour	Timer	Product Code
2-500 Lux	2300W (Resistive) 600W (LED)	230V AC	White	Yes	ED10025464
				No	ED10025471

- With 2 time dependent operating modes
- Zero cross switching
- Robust housing

Defensor Twilight Switch Accessories

Description	Product Code
Corner Bracket - White	EM10025419

General Information

Dimensions H x W x D (mm)	Housing	Mounting	Operating Temperature	Safety	IP Rating	Impact Protection	Warranty
107.5 x 92 x 46	UV-stabilised polycarbonate	Wall	-25°C - 50°C	Class II	IP55	IK07	5 years

Lighting and Sensors

RC 230i PIR



Detection (Adjustable)	Range	Anti-creep Protection	Time On Adjustable	Dusk Control	Max. Switching	Supply	Colour	Product Code
230° (2 x 115°)	20m	360°	15 sec - 30 min	2-2500 Lux Adjustment	2300W (Resistive) 600W (LED)	230V AC	White	EM10015311
							Black	EM10015519
			30 sec - 30 min			12-36V AC/DC	White	EM10015649
						KNX	White	EM10015472
	KNX	Black	EM10015489					

- 360° anti-creep alert
- Robust ceiling/wall pivot
- KNX enabled option

General Information

Dimensions H x W x D (mm)	Housing	Mounting	Operating Temperature	Safety			IP Rating	Warranty
				230V AC	12-36V AC/DC	KNX		
105 x 78 x 135	UV-stabilised polycarbonate	Wall or ceiling	-25°C - 55°C	Class II		Class III	IP54	5 years

RC 230i Accessories

Description	Product Code
Corner Bracket - Black	EM10016134
Corner Bracket - White	EM10016110
Remote Control Mobil - RCi (user remote)	EM10016004
Remote Control Mobil - PDI/MDi	EM10425509

MD-W 200°



Detection (Adjustable)	Range	Time On Adjustable	Dusk Control	Max. Switching	Colour	Product Code
200° (2 x 100°)	12m	15 sec - 16 min	2-2000 Lux Adjustment	2300W (Resistive) 600W (LED)	White	EM10041006
					Black	EM10041020

- Blends in harmoniously with the design of outer façades
- Optimised for controlling LED lights in outdoor areas
- Individual fields of detection for two zones

General Information

Dimensions Ø x D (mm)	Housing	Mounting	Operating Temperature	Safety	IP Rating	Warranty
110 x 55	UV-stabilised polycarbonate	Wall	-25°C - 55°C	Class II	IP55	5 years

MD-W 200° Accessories

Description	Product Code
Alternate Cover Accessory - Silver	EM10041129

Compact Mini 360°



Detection	Type	Range	Switching	Supply	IP Rating	Run On Time	Product Code	
360° Downward	Motion	6m	ON/OFF	12-36V AC/DC	IP65	1-15 min	EP10425776	
				230V AC	IP65	1-15 min	EP10425851	
		8m	ON/OFF	230V AC	IP55	1-15 min	EP10426001	
			12m	ON/OFF	230V AC	IP55	1-15 min	EP10426018
	Presence	8m	ON/OFF - DIM	12-36V AC/DC	IP55	1-60 min	EP10427343	
		6m	ON/OFF	230V AC	IP65	1-15 min	EP10425868	
		8m	ON/OFF	230V AC	IP55	1-15 min	EP10426025	
		12m	ON/OFF	230V AC	IP55	1-30 min	EP10426032	
		8m	Slave	230V AC	IP55	-	EP10426063	
		6m	ON/OFF - DIM	DALI	IP55	1-240 min	EP10427503	
		8m	ON/OFF - DIM	DALI	IP55	1-240 min	EP10427510	
		8m	BMS	DALI-2	IP55	-	EP10423048	
		8m	ON/OFF - DIM	KNX	IP55	1-240 min	EP10426155	
		12m	ON/OFF - DIM	KNX	IP55	1-240 min	EP10426162	
8m		BMS	DALI-2	IP55	-	EP10423246		
8m	ON/OFF - DIM	KNX	IP55	1-720 min	EP10426209			

- Quality small trimless sensor
- Extremely compact design suitable for control of LED lights
- Switching delay to avoid switching due to temporary variations in brightness
- Remote control required for setting adjustment (see below)

General Information


Model	Cut Out Size (Ø mm)	Mounting	Housing	Safety	Warranty
6m	20	Ceiling or wall	UV-stabilised polycarbonate	Class II (DALI Class III)	5 years
8m	25				
12m	25				

Compact Mini Accessories

Description	Product Code
Remote Control Mobil - PDI/MDi	EM10425509
Remote Control Mobil - PDI/DALI	EP10425899
Remote Control Esy - PEN	EP10425356
DALI Power Supply - 200mA	EC10430008
DALI Switch - for non-DALI devices	EP10427473

Lighting and Sensors

Flat 360°



Detection	Type	Range	Switching	Supply	Switch Off Delay Time	Fascia	Colour	Product Code
360° Downward	Motion	8m	ON/OFF	230V AC	1-30 min	Round	White	EP10427886
							Black	EP10428074
						Square	White	EP10427893
							Black	EP10428081
	Presence	8m	ON/OFF	230V AC	1-30 min	Round	White	EP10427930
							Black	EP10427954
						Square	White	EP10427923
							Black	EP10427947
			ON/OFF - DIM	DALI	1-240 min	Round	White	EP10427541
							Black	EP10427916
Square						White	EP10427558	
						Black	EP10427909	
ON/OFF - DIM	DALI-2	-	Round	White	EP10423031			
				Black	EP10451768			
			Square	White	EP10451706			
				Black	EP10451775			
ON/OFF - DIM	DALI-2	1-240 min	Square	White	EP10451713			
				White	EP10423024			

- Elegant flat body design
- Unobtrusive decor blend or decor highlight with contrast colours
- Zero-cross switching to protect relays

General Information

Model	Cut Out Size (Ø mm)	Mounting	Housing	Safety	IP Rating	Warranty
Round	60	Ceiling	UV-stabilised polycarbonate	Class II	IP20	5 years
Square	60					

Flat Accessories

Description	Outer Dimension	Colour	Product Code
Recess Mount Kit			EP10426889
Surface Mount Kit - IP54 (Oversize trim required)		White	EP10425905
		Black	EP10426940
Remote Control Mobil - PDi/MDi			EM10425509
Remote Control Mobil - PDi/DALI			EP10425899
DALI Power Supply - 200mA			EC10430008
Remote Control Esy-PEN			EP10425356
Oversize Trims (cover only) required for surface mount options	Ø 104mm	Round White	EP10428579
	Ø 104mm	Round Black	EP10428098

Compact 360°



Detection	Type	Range	Switching	Supply	Switching Channels	Run On Time	Manual Override	Product Code
360° Downward	Motion	8m	ON/OFF	230V AC	1	1-15 min	Yes	EP10055393
		24m	ON/OFF	230V AC	1	1-15 min	Yes	EP10055317
		32m	ON/OFF	230V AC	1	1-15 min	Yes	EP10427749
			Corridor	230V AC	1	1-30 min	Yes	EP10428128
	8m	SW/DIM	12-36V AC/DC	1	1-60 min	Yes	EP10427312	
		ON/OFF	230V AC	1	1-15 min	Yes	EP10425059	
		Slave	230V AC	1	1-30 min	Yes	EP10055379	
		ON/OFF	230V AC	2	1-15 min	Yes	EP10425042	
	Presence	24m	DALI Broadcast	230V AC	4	1-15 min	Yes	EP10427442
			SW/DIM	12-36V AC/DC	1	1-30 min	Yes	EP10427329
			ON/OFF	230V AC	1	1-30 min	Yes	EP10428067
			1-10V DIM	230V AC	1	1-30 min	Yes	EP10426704
		32m	Slave	230V AC	1	1-15 min	Yes	EP10055386
			ON/OFF	230V AC	2	1-30 min	Yes	EP10425288
					3	1-30 min	Yes	EP10426803
			DALI Broadcast	230V AC	4	1-15 min	Yes	EP10428791
		32m x 4m	ON/OFF	230V AC	1	1-30 min	Yes	EP10427756
			ON/OFF	230V AC	2	1-30 min	Yes	EP10427763
			Slave	230V AC	1	1-15 min	Yes	EP10427770
			DALI Broadcast	230V AC	4	1-15 min	Yes	EP10427787
Corridor	230V AC	1	1-30 min	Yes	EP10428180			
1-10V DIM	230V AC	2	1-30 min	Yes	EP10425783			

- Two part housing with sensor head and power box for quick and easy installation
- Recessed, surface or flush mounting on ceiling
- Optimised for LED light control
- Switching delay to avoid switching due to temporary variations in brightness

General Information

Model	Dimensions Ø x D (mm)	Cut Out Size (Ø mm)	Mounting	Housing	Safety	IP Rating	Warranty
8m	108 x 62	68	Ceiling	UV-stabilised polycarbonate	Class II	IP20 - Recess mount IP54 - Surface mount	5 years
24m / 32m	108 x 70						
32m x 4m	108 x 70						

Compact Accessories

Description	Product Code	Description	Product Code	Description	Product Code
Surface Mount Kit - IP54	White	EP10425905	8m	Black	EP00007521
	Black	EP10426940		Silver	EP10425936
	Silver	EP10425912		24m/32m	Black
Recess Mount Kit	EP10425929	Silver	EP10425431		
Basket Guard - IK10	EM10425608			DALI Power Supply - 200mA	EC10430008
				Remote Control	PDI/MDI PDI/DALI EP10425509 EP10425899
				Esy-PEN	EP10425356

Lighting and Sensors

DALI-2 TAKES YOU TO THE FUTURE

OUR STANDARD FOR ALL OPTIONS

Compact DALI-2 360°



Detection	Type	Range	Switching	Supply	Switching Channels	Push Button Inputs	Manual Override	Product Code
360° Downward	Presence	8m	BMS	DALI-2 BUS	1	2	Yes	EP10428203
			APC10	230V AC	16 plus HVAC	4	Yes	EP10428142
			APC20	230V AC	16 plus HVAC	4	Yes	EP10428272
			APC30	230V AC	16 plus HVAC	4	Yes	EP10428296
		24m	BMS	DALI-2 BUS	1	2	Yes	EP10428210
			APC10	230V AC	16 plus HVAC	4	Yes	EP10428159
			APC20	230V AC	16 plus HVAC	4	Yes	EP10428111
			APC30	230V AC	16 plus HVAC	4	Yes	EP10428302
		32m	BMS	DALI-2 BUS	1	2	Yes	EP10424885
			APC10	230V AC	16 plus HVAC	4	Yes	EP10428265
			APC20	230V AC	16 plus HVAC	4	Yes	EP10428289
			APC30	230V AC	16 plus HVAC	4	Yes	EP10428319
Motion Detector	40m	BMS	DALI-2 BUS	1	2	Yes	EP10429019	

- APC10 & APC20 sensors include integral 250mA power supply and application controller
- BMS sensors are used as slave devices of APC or as standard sensors for other DALI-2 systems
- APC20 includes timer function
- APC30 dedicated for tuneable white and HCL

DALI-2 Accessories

Description	Product Code	
Smart Controller	APC10	EP10431876
	APC20	EP10431883
	APC30	EP10431890
Expander PS	25mA	EP10429927
	200mA	EP10429934
	150mA	EP10431371

DALI-2 Wall Switches

Description	Product Code
2 - Button	EP10431609
4 - Button	EP10431616
6 - Button	EP10431623
8 - Button	EP10431630

Dual Technology 180°/360°



Detection	Type	Switching Channels	Supply	Range	Run On Time	Colour	Product Code
360° Downward	Motion	1	230V AC	8m	1-30 min	White	EP10425875
	Presence	1	230V AC	8m	1-30 min	White	EP10425882
180° Horizontal	Presence	1	230V AC	8m x 16m	15 sec-30 min	White	EM10055010
		3	KNX	8m x 16m	1-60 min	White	EP10426445
		3	KNX with touch-sensitive lens	8m x 16m	30 sec-60 min	White	EP10460104

- PIR + Acoustic sensor for reliable switching in complex layouts
- 600W LED switching max

General Information

Model	Dimensions	Housing	Mounting	Safety	IP Rating	Warranty
	Ø x D(mm) / H x W x D(mm)					
180°	70 x 70 x 55	UV-stabilised polycarbonate	Wall	Class III	IP20 - Recess mount IP44 - Cover & surface mount	5 years
360°	108 x 62		Ceiling	Class II	IP20 - Recess mount IP54 - Surface mount	

Corridor 180°



Detection	Type	Switching Channels	Range	Run On Time	Control Switching	Colour	Product Code
180° Horizontal	Presence	2	8m x 16m	1-60 min	230V AC	White	EM10410017
		1		1-120 min	12-36V AC/ DC	White	EP10427305
		2		1-60 min	KNX	White	EP10426452
		-		-	Slave	White	EM10410024
	Motion	1		-	loharmel	White	EB10430459

- HVAC switching options
- 600W LED switching max (230V)
- Pet-avoidance lens included

General Information

Dimensions H x W x D (mm)	Cut Out Size (Ø mm)	Housing	Mounting	Safety	IP Rating	Warranty
70 x 70 x 55	60	UV-stabilised polycarbonate	Wall	Class II (KNX Class III)	IP20 - Recess mount IP44 - Surface mount	5 years

Dual Technology 180°/360° Accessories

Model	Description	Product Code	Model	Description	Product Code
180°	Cover - IP20 White	EM10055102	180°	Remote Control Mobil - PDi/MDi	EM10425509
	Cover - IP20 Anthracite	EM10055133	360°	Surface Mount Kit - IP54	EP10425905
	Cover - IP44 White	EM10055157		Recess Mount Kit	EP10425929
	Surface Box - IP44 White	EM10055164		Remote Control Mobil - PDi/MDi	EM10425509

Microwave Sensors



360° MICROWAVE SENSORS

Reliable sensor performance for complex layouts. Emitting an electro-magnetic wavelength for radar detection, MICROSENSE will reveal occupancy through partitions, panes of glass or thin walls.

DISC
MICROSENSE
LHT1147



IP65
MICROSENSE
LHT1176



- Optimised detection, perfect for open plan offices
- High sensitivity to movement
- Uninterrupted coverage up to 314m²
- Optimised detection, perfect for chillers and freezers down to -10C°
- Robust waterproof enclosure
- Uninterrupted coverage up to 314m²

Micro Sense 360°



Detection	Range	Time On	Dusk Control	Max. Switching	Detection Frequency	Colour	Product Code
360° Downward	4-20m (dia)	10 sec - 12 min	Yes	800W (Resistive) 200W (LED)	5.8GHz CW Radar ISM Band	White	LHT1147
		10 sec - 12 min	Yes	1200W (Resistive) 200W (LED)			LHT1176

General Information

Model	Transmission Power	Mounting	Dimensions	IP Rating	Warranty
LHT1147	< 10mW	Ceiling	Ø115 x 25mm	IP40	3 Years
LHT1176		Ceiling/Wall	Ø116 x 50mm	IP65	

SVENJA Ceiling Lights



Size	LED Colour	Wattage	Luminous Flux	Efficiency	Control System	Product Code
Ø450 x 45mm	3000K	30W	3300 lm	110 lm/W	ON/OFF	E010850592
	3000K		3300 lm	110 lm/W	DALI-2	E010850608
	4000K		3400 lm	113 lm/W	ON/OFF	E010850615
	4000K		3400 lm	113 lm/W	DALI-2	E010850622
	2700-6500K		3400 lm	109 lm/W	DALI-2	E010850585
Ø600 x 45mm	3000K	46.5W	5600 lm	120 lm/W	DALI-2	E010850646
	4000K	48W	5600 lm	116 lm/W	DALI-2	E010850639
	2700-6500K	46.5W	5700 lm	122 lm/W	DALI-2	E010850652
Ø900 x 45mm	3000K	80W	9400 lm	117 lm/W	DALI-2	E010850684
	4000K	80W	9600 lm	120 lm/W	DALI-2	E010850660
	2700-6500K	60W	7000 lm	116 lm/W	DALI-2	E010850677

- High LED light quality in harmonious design
- Indirect light makes the luminaires appear to float under the ceiling
- Versions for DALI-2 or ON/OFF
- Convenient mounting in two steps due to modular design

General Information

Housing	Glare Suppression	Diffuser	UGR	IP Rating	Impact Protection	Warranty
Aluminium	DDP	Opal	≤ 19	IP20	IK08	5 years

SVENJA Accessories

Description	Product Code
1 mtr Pole Suspension	E010850561
2 mtr Pole Suspension	E010850578

Lighting and Sensors

CELINE-2 Panels



LED Colour	Wattage	Luminous Flux	Efficiency	Control System	Protection Type	Product Code
3000K	33W	3900 lm	118 lm/W	ELC	IP20	EQ10132308
4000K		4190lm	127 lm/W			EQ10132315
2700-6500K		4000 lm	121 lm/W			EQ10132322

General Information

Housing	Glare Suppression	Diffuser	UGR	IP Rating	Impact Protection	Warranty
Aluminium	DDP	Opal	≤ 19	IP20	IK08	5 years

CELINE-2 Accessories

Description			Product Code
Driver Set	30W	ON/OFF	EQ10127878
Driver Set	30W	DALI-2	EQ10127793
Driver Set TW	32W	DALI-2	EQ10127847

EXTERIOR DECORATIVE LIGHTING RANGE



Exterior Decorative Lighting

Aoraki Up/Down Lights

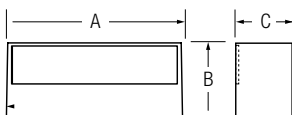


Wattage	LED Colour	Luminous Flux	Colour	Switching	Product Code
2 x 8W	3000K	850 lm	Anthracite	Standard	LHT1128

- Subtle sidelight effect
- Durable, water and dustproof
- Warm white light creates a welcoming ambient

General Information

Wattage	Dimensions (mm)			Housing	Mounting	Safety	IP Rating	Warranty
	A	B	C					
2 x 8W	220	70	57	Powder-coated cast alloy, UV-stabilised polycarbonate	Wall	Class I	IP65	5 years



Tarawera Up/Down Lights

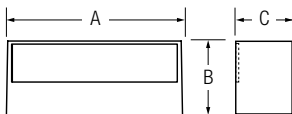


Wattage	LED Colour	Luminous Flux	Colour	Switching	Product Code
2 x 3W	3000K	450 lm	Anthracite	Standard	LHT1135
2 x 8W	3000K 4000K 6500K	1000 lm			LHT1136

- Low glare direct output
- Robust and compact construction
- Creates beautiful grazing effect on facades

General Information

Wattage	Dimensions (mm)			Housing	Mounting	Safety	IP Rating	Warranty
	A	B	C					
2 x 3W	142	62	47	Powder-coated cast alloy, tempered glass	Wall	Class I	IP65	5 years
2 x 8W	220	69	45					



Exterior Decorative Lighting

Tongariro Up/Down Light

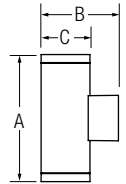


Wattage	LED Colour	Luminous Flux	Colour	Switching	Product Code
2 x 6W	3000K	490 lm	Anthracite	Standard	LHT1129

- Subtle side light effect
- Durable, water and dustproof
- Excellent patio and entrance lighting

General Information

Dimensions (mm)			Housing	Mounting	Safety	IP Rating	Warranty
A	B	C Ø					
175	94	63	Powder-coated cast alloy, UV-stabilised polycarbonate	Wall	Class I	IP65	5 years



Ruapehu Up/Down Lights

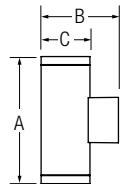


Wattage	LED Colour	Luminous Flux	Switching	Colour	Product Code
2 x 6W	3000K	950 lm	Standard	Anthracite	LHT1131
				Black	LHT1177
2 x 12W		1550 lm		Anthracite	LHT1133
				Black	LHT1197

- Contemporary and robust design
- High quality optics - 38°
- Low glare direct output

General Information

Wattage	Dimensions (mm)			Housing	Mounting	Safety	IP Rating	Warranty
	A	B	C Ø					
2 x 6W	178	94	63	Powder-coated cast alloy, tempered glass	Wall	Class I	IP65	5 years
2 x 12W	280	171	108					



Tutoko Up/Down Lights

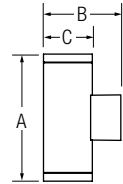


Wattage	LED Colour	Luminous Flux	Switching	Colour	Product Code
2 x 6W	3000K	950 lm	Standard	Anthracite	LHT1146
				Black	LHT1180

- Modern design for modern decor
- All weather construction
- Excellent patio and entrance lighting

General Information

Dimensions (mm)			Housing	Mounting	Safety	IP Rating	Warranty
A	B	C					
178	97	63	Powder-coated cast alloy, UV-stabilised polycarbonate	Wall	Class I	IP65	5 years



ALVA Up/Down Lights

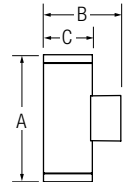


Wattage	Beam Angles	LED Colour	Luminous Flux	CRI	Rated Life L70 B10	Colour	Switching	Product Code
2 x 5W	2 x 13°	3000K	910 lm	> 80	125,000 hrs	Anthracite	Standard	EL10830006
		4000K	1050 lm	> 80	125,000 hrs	Anthracite	Standard	EL10830020
	2 x 28°	3000K	910 lm	> 80	125,000 hrs	Anthracite	Standard	EL10830044
		3000K	910 lm	> 80	125,000 hrs	Anthracite	Standard	EL10830099

- Protected against sea air
- Aesthetic lighting effects
- Dirt and graffiti repellent coating

General Information

Dimensions (mm)			Housing	Mounting	Safety	IP Rating	Impact Protection	Warranty
A	B	C Ø						
176	160	100	Powder-coated aluminium	Wall	Class I	IP65	IK09	5 years



Exterior Decorative Lighting

Tarawera Downlighter

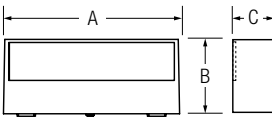


Wattage	LED Colour	Luminous Flux	Colour	Switching	Product Code
12W	3000K	650 lm	Anthracite	Standard	LHT1137

- Zero uplight for clearer night skies
- Robust and compact construction
- Creates beautiful grazing effect on facades

General Information

Wattage	Dimensions (mm)			Housing	Mounting	Safety	IP Rating	Warranty
	A	B	C					
12W	220	72.5	32	Powder-coated cast alloy, tempered glass	Wall	Class I	IP65	5 years



Ruapehu Downlighters

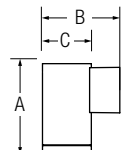


Wattage	LED Colour	Luminous Flux	Switching	Colour	Product Code
7W	3000K	500 lm	Standard	Anthracite	LHT1132
				Black	LHT1178
12W		810 lm		Anthracite	LHT1134
				Black	LHT1198

- Zero uplight for clearer night skies
- Contemporary and robust design
- High quality optics - 38°

General Information

Wattage	Dimensions (mm)			Housing	Mounting	Safety	IP Rating	Warranty
	A	B	C Ø					
7W	120	94	63	Powder-coated cast alloy, tempered glass	Wall	Class I	IP65	5 years
12W	190	171	108					



Exterior Decorative Lighting

Tutoko Downlighters

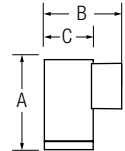


Wattage	LED Colour	Luminous Flux	Switching	Colour	Product Code
7W	3000K	500 lm	Standard	Anthracite	LHT1145
				Black	LHT1179

- Zero uplight for clearer night skies
- Contemporary and robust design
- High quality optics - 38°

General Information

Dimensions (mm)			Housing	Mounting	Safety	IP Rating	Warranty
A	B	C					
120	97	63	Powder-coated cast alloy, UV-stabilised polycarbonate	Wall	Class I	IP65	5 years



Tekapo Wall Lights

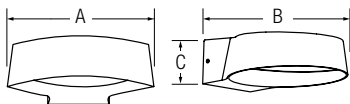


Wattage	LED Colour	Luminous Flux	Colour	Switching	Product Code
12W	3000K	900 lm	Black	Standard	LHT1113
			White		LHT1114

- Zero uplight for clearer night skies
- Suitable for both commercial and residential use
- Warm white output for reduced sky glow

General Information

Dimensions (mm)			Housing	Mounting	Safety	IP Rating	Warranty
A	B	C					
162	192	60	Powder-coated cast alloy, tempered glass	Wall	Class I	IP54	5 years



Exterior Decorative Lighting

Pukaki Wall Lights

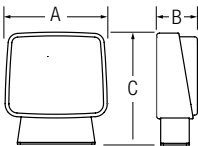


Wattage	LED Colour	Luminous Flux	Colour	Switching	Product Code
10W	3000K	460 lm	Anthracite	Standard	LHT1111
			White		LHT1112

- Modern design for modern decor
- Compact weather construction
- Use over doorways and access areas

General Information

Dimensions (mm)			Housing	Mounting	Safety	IP Rating	Warranty
A	B	C					
125	50	137	Powder-coated cast alloy, UV-stabilised polycarbonate	Wall	Class I	IP65	5 years



Wanaka Wall Lights

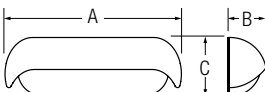


Wattage	LED Colour	Luminous Flux	Colour	Switching	Product Code
13W	3000K	690 lm	Anthracite	Standard	LHT1109
			White		LHT1110

- Sleek design creating exceptional styling
- Zero frame lens
- Soft warm white output for patios and balconies

General Information

Dimensions (mm)			Housing	Mounting	Safety	IP Rating	Warranty
A	B	C					
270	58	100	Powder-coated cast alloy, UV-stabilised polycarbonate	Wall	Class I	IP65	5 years



Exterior Decorative Lighting

Hawea Up/Down Lights

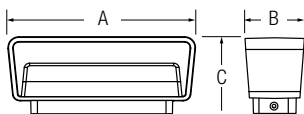


Wattage	LED Colour	Luminous Flux	Colour	Switching	Product Code
7W	3000K	170 lm	Anthracite	Standard	LHT1119
			White		LHT1120
13W	3000K	600 lm	Anthracite		LHT1121
			White		LHT1122

- Extra heavy duty construction
- Up/down light output
- Residential and commercial use

General Information

Wattage	Dimensions (mm)			Housing	Mounting	Safety	IP Rating	Warranty
	A	B	C					
7W	175	64	83	Powder-coated cast alloy, UV-stabilised polycarbonate	Wall	Class I	IP65	5 years
13W	248	70	115					



Wakatipu Wall Lights

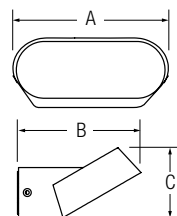


Wattage	LED Colour	Luminous Flux	Colour	Switching	Product Code
7W	3000K	235 lm	Anthracite	Standard	LHT1115
			White		LHT1116
13W		360 lm	Anthracite		LHT1117
			White		LHT1118

- Popular European styling
- Angled face for wider coverage
- Patios and pathways in commercial and residential spaces

General Information

Wattage	Dimensions (mm)			Housing	Mounting	Safety	IP Rating	Warranty
	A	B	C					
7W	180	114	65	Powder-coated cast alloy, UV-stabilised polycarbonate	Wall	Class I	IP65	5 years
13W	250	123	74					



OL/AOL Wall Lights



Wattage	LED Colour	Luminous Flux	Beam Angle	Rated Life L70 B10	Colour	Switching	Product Code	
10W	3000K	890 lm	90°	80,000 hrs	Black	Standard	EL10710711	
					White		EL10710704	
					Black	PIR	EL10750717	
					White		EL10750700	
17W		1630 lm			65,000 hrs	Black	Standard	EL10710810
						White		EL10710803
						Black	PIR	EL10750816
						White		EL10750809
10W	5000K	1650 lm	Black	Standard	EL10710117			
			Black	PIR	EL10750113			
10W	5000K	900 lm			Black	PIR	EL10750014	

- Designer light/opal white lens
- ON/OFF or PIR sensor

PIR Information

Detection	Range	Dusk Control	Time On Adjustable	Dusk to Dawn Mode	Recommended Height
140° Forward	12m Ø	2-2000 Lux Adjustment	5 sec - 10 min	Yes	1.8 - 3.2m

General Information

Model	Dimensions H x W x D (mm)	Housing	Mounting	IP Rating	Warranty
10W	205 x 104 x 143	Powder-coated aluminium	Wall	IP55	3 years
17W	205 x 184 x 143				

Ruakuri LED Steplights

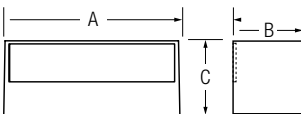


Wattage	LED Colour	Luminous Flux	CRI	Beam Spread	Colour	Product Code
4W	3000K	130 lm	> 80	100 x 40°	Black	LHT1154
10W		380 lm				LHT1155

- 0% upward light
- Flush box for solid walls included

General Information

Model	Dimensions (mm)				Housing	Mounting	Safety	IP Rating	Warranty
	A	B	C	Cut-out Size					
4W	160	66	73	153 x 58	Powder-coated cast alloy	Wall Recessed	Class I	IP65	5 years
10W	280	66	73	273 x 58					



Lighting and Sensors

Exterior Decorative Lighting

LED Washers



Model	Wattage	Luminous Flux	LED Colour	Fascia Colours	Product Code
Square	1.6W	80 lm	4000K	Both White & Black trims included	LHT0253
Round	2.0W	100 lm			LHT0254
Horizontal	3.5W	180 lm			LHT0251

- Directional navigation and effect lighting.
- No remote driver needed.

General Information

Model	Dimensions H x W x D (mm)	Mounting	Impact Resistance	Safety	IP Rating	Warranty
Vertical	230 x 80 x 27	Wall surface mount	IK09	Class II	IP54	3 years
Square	125 x 127 x 27					
Round	Ø 150 x 27					
Horizontal	80 x 230 x 27					

Maxi Washers



Model	Wattage	Luminous Flux	LED Colour	Fascia Colours	Product Code
Square	8W	500 lm	4000K	White	LHT0980
				Black	LHT0981

- Provides a downward light output
- No remote driver required
- Surface mount wall washer for an elegant finishing touch to exterior areas

General Information

Dimensions H x W x D (mm)	Housing	Mounting	Impact Resistance	Safety	IP Rating	Warranty
200 x 200 x 55	ABS UV-stabilised polycarbonate	Wall surface mount	IK09	Class II	IP55	3 years

Exterior Decorative Lighting

Baron LED Bollards - 1000mm



Wattage	LED Colour	Lens	Luminous Flux	CRI	Rated Life L70 B10	Colour	Switching	Product Code
15W, 0.07A (running)	3000K	Bi-Symmetric (360 deg)	1500 lm	> 80	> 54,000 hrs	Black	Standard	LHT1199
							PIR	LHT1201
		Asymmetric (180 deg)	1450 lm				Standard	LHT1211
							PIR	LHT1213
	4000K	Bi-Symmetric (360 deg)	1500 lm				Standard	LHT1200
							PIR	LHT1202
		Asymmetric (180 deg)	1450 lm				Standard	LHT1212
							PIR	LHT1214

- Zero upward light for clearer night skies
- Robust construction for commercial use
- Power demand reduction through optional sensor
- High performance optics

PIR Information

Detection	Range	Time ON Adjustable
Max 120°	Max 3m radius	5 sec - 8 min (default 3 mins)

General Information

Housing (Ø 135mm)	Mounting	Operating Temperature	Safety	IP Rating	Impact Protection	Net Weight	Warranty
Die-cast Aluminium Body	Ground Mount	-20°C - 40°C	Class I	IP66	IK10	4.8 Kg	5 years

Lighting and Sensors

Baron Bollards - 1000mm Accessories



Description	Product Code
Optional Ground Anchor - Galvanised 500mm	LHT1203

- Reliable long life mounting
- Internal cable sleeve

ALVA Bollards - 940mm



Wattage	Beam	LED Colour	Lens	Luminous Flux	CRI	Rated Life L70 B10	Colour	Switching	Product Code		
16W	360°	3000K	Clear	1270 lm	> 80	105,000 hrs	Anthracite	Standard	EL10820007		
								DALI	EL10820205		
								PIR DALI	EL10820403		
			4000K	Milky	1030 lm	> 80	105,000 hrs	Anthracite	Standard	EL10820045	
							DALI		EL10820243		
							PIR DALI		EL10820441		
		180°	3000K	Clear	1350 lm	> 80	105,000 hrs	Anthracite	Standard	EL10820021	
									DALI	EL10820229	
									PIR DALI	EL10820427	
			4000K	Milky	1050 lm	> 80	105,000 hrs	Anthracite	White	Standard	EL10820038
									PIR DALI	EL10820434	
									Standard	EL10820069	
		180°	3000K	Clear	760 lm	> 80	105,000 hrs	Anthracite	Standard	EL10820601	
										DALI	EL10820762
										PIR DALI	EL10820922
			4000K	Milky	620 lm	> 80	105,000 hrs	Anthracite	Standard	EL10820649	
									DALI	EL10820809	
									PIR DALI	EL10820960	
	4000K	Clear	810 lm	> 80	105,000 hrs	Anthracite	Standard	EL10820625			
							DALI	EL10820786			
							PIR DALI	EL10820946			
		Milky	630 lm	> 80	105,000 hrs	Anthracite	Standard	EL10820663			
							DALI	EL10820823			
							PIR DALI	EL10820984			

- Protected against sea air
- Low glare, high output LED
- Dirt and graffiti repellent coating
- DALI bus voltage supply integrated in bollards with PIR motion sensors
- Basic light level (orientation light) for increased safety in outdoor areas, PIR model

PIR Information

Detection	Range	Courtesy Light
140° Forward	3m	Yes

General Information

Housing (Ø 170mm)	Mounting	Operating Temperature	Safety	IP Rating	Impact Protection	Warranty
Powder-coated aluminium	Free standing	-25°C - 40°C	Class I	IP65	IK10	5 years

ALVA Bollards - 940mm Accessories

Description	Product Code
Optional Ground Anchor - Galvanised	EL10820199

ALVA Bollards - 700mm



Wattage	Beam	LED Colour	Lens	Luminous Flux	CRI	Rated Life L70 B10	Colour	Switching	Product Code
7W	360°	3000K	Clear	530 lm	> 80	105,000 hrs	Anthracite	Standard	EL10821134
				70,000 hrs		Anthracite	DALI	EL10821257	
			500 lm	70,000 hrs		Anthracite	DALI PIR	EL10821172	
			Milky	400 lm		105,000 hrs	Anthracite	Standard	EL10821059
				420 lm		70,000 hrs	Anthracite	DALI	EL10821271
			70,000 hrs	Anthracite		DALI PIR	EL10821189		
		4000K	Clear	560 lm		105,000 hrs	Anthracite	Standard	EL10821158
				White		Standard	EL10821141		
			600 lm	70,000 hrs		Anthracite	DALI	EL10821264	
			70,000 hrs	Anthracite		DALI PIR	EL10821196		
			Milky	460 lm		105,000 hrs	Anthracite	Standard	EL10821073
				70,000 hrs		Anthracite	DALI	EL10821288	
				70,000 hrs		Anthracite	DALI PIR	EL10821240	

General Information

Housing (Ø 100mm)	Mounting	Operating Temperature	Safety	IP Rating	Impact Protection	Warranty
Powder-coated aluminium	Free standing	-25°C - 40°C	Class I	IP65	IK10	5 years

ALVA Bollards - 700mm Accessories

Description	Product Code
Optional Ground Anchor	EL10820182

ALVA Bollards - 540mm



Wattage	Beam	LED Colour	Lens	Luminous Flux	CRI	Rated Life L70 B10	Colour	Switching	Product Code
16W	360°	3000K	Clear	1270 lm	> 80	105,000 hrs	Anthracite	Standard	EL10820106
		4000K	Clear	1350 lm	> 80	105,000 hrs	Anthracite	Standard	EL10820328
	180°	3000K	Clear	760 lm	> 80	105,000 hrs	Anthracite	Standard	EL10820687
		Milky	620 lm	> 80	105,000 hrs	Anthracite	Standard	EL10820700	

Lighting and Sensors

General Information

Housing (Ø 170mm)	Mounting	Operating Temperature	Safety	IP Rating	Impact Protection	Warranty
Powder-coated aluminium	Free standing	-25°C - 40°C	Class I	IP65	IK10	5 years

ALVA Bollards - 540mm Accessories

Description	Product Code
Optional Ground Anchor - Galvanised	EL10820199
Remote Control Mobil - PDI/DALI	EP10425899

Sensor Lights & Spotlights

Sensor LED



Wattage	LED Colour	Luminous Flux	Beam Angle	Colour	Product Code
2 x 4W	3000K	2 x 275 lm	95°	Black	LHT1081
				White	LHT1082

- Extremely compact design
- Weatherproof and impact resistant
- Security illumination for domestic exterior locations, including patios and decks, paths and driveways, garages, entrances, storage units and many others

PIR Information

Detection	Range	Dusk Control	Time On Adjustable	Manual Override	Master/Slave
140° Forward	8m	Yes	30 sec - 6 min	No	No

General Information

Dimensions H x W x D (mm)	Housing	PIR Pan	Pan/Tilt	Mounting	Safety	IP Rating	Warranty
135 x 124 x 95	Polycarbonate	+ 90°	Yes	Wall or ceiling	Class II	IP55	3 years

Sensor LED Max



Wattage	LED Colour	Luminous Flux	Beam Angle	Colour	Product Code
2 x 8W	3000K	2 x 750 lm	95°	Black	LHT0269
				White	LHT0270

- Weatherproof and impact resistant
- Security illumination for domestic exterior locations, including patios and decks, paths and driveways, garages, entrances, storage units and many others

PIR Information

Detection	Range	Dusk Control	Time On Adjustable	Manual Override	Master/Slave
140° Forward	8m	Yes	2 sec - 6 min	No	No

General Information

Dimensions H x W x D (mm)	Housing	PIR Pan	Pan/Tilt	Mounting	Safety	IP Rating	Warranty
135 x 124 x 95	Polycarbonate	+ 90°	Yes	Wall or ceiling	Class II	IP55	3 years

Sensor Lights & Spotlights

EcoSpot ELITE



Wattage	LED Colour Selections	Luminous Flux (per lamp)	Colour	Product Code
1 x 9W	3000K 4000K 6500K	550 lm 650 lm 600 lm	Black	LHT1225
2 x 8W			Black	LHT1223

- Modern styling with colour change LED
- Honeycomb lens included to restrict glare
- Wall mountable

General Information

Model	Dimensions H x W x D (mm)	Housing	PIR Pan/Tilt	Mounting	Safety	IP Rating	Warranty
Single	135 x 90 x 110	Cast Alloy	Yes	Wall	Class I	IP65	3 years
Twin	140 x 100 x 102						

EcoSpot ELITE LED PIR



Wattage	LED Colour Selections	Luminous Flux (per lamp)	Colour	Product Code
1 x 9W	3000K 4000K 6500K	550 lm 650 lm 600 lm	Black	LHT1221
2 x 8W			Black	LHT1219

- Modern styling with colour select LED
- Wall mountable with integral PIR
- Easy sensor adjustment
- Honeycomb lens included to restrict glare

PIR Information

PIR switching maximum of 50W

Detection	Range	Time On Adjustable	Dusk Control	Manual Override
120°	10m	10 sec - 12 min	0-1000 Lux Adjustment	Yes

General Information

Model	Dimensions H x W x D (mm)	Housing	PIR Pan/Tilt	Mounting	Safety	IP Rating	Warranty
Single	135 x 90 x 110	Cast Alloy	Yes	Wall	Class I	IP55	3 years
Twin	140 x 100 x 102						

EcoSpot ELITE Accessories

Description	Product Code
Replacement PIR Sensor Kit	LHT1229

Sensor Lights & Spotlights

EcoSpot SELECT



Wattage	LED Colour Selections	Luminous Flux	Colour	Product Code
1 x 10W	3000K 4000K 5000K	900 lm 1000 lm 950 lm	Black	LHT1058
			White	LHT1059
2 x 10W	3000K 4000K 5000K	1800 lm 2000 lm 1900 lm	Black	LHT1056
			White	LHT1057

- Select LED colour to suit
- Innovative reflector restricts backlight spill
- Built for coastal conditions

General Information

Model	Dimensions H x W x D (mm)	Housing	Pan/Tilt	Mounting	Safety	IP Rating	Warranty
Single	135 x 105 x 160	UV-stabilised polycarbonate	Yes	Wall or ceiling	Class II	IP54	3 years
Twin	135 x 170 x 160						

EcoSpot SELECT LED PIR



Wattage	LED Colour Selections	Luminous Flux	Colour	Product Code
2 x 10W	3000K 4000K 5000K	2000 lm	Black	LHT1054
			White	LHT1055

- Select LED colour to suit
- Innovative reflector restricts backlight spill
- Designed for coastal conditions

PIR Information

Detection	Range	Time On Adjustable	Dusk Control	Manual Override
150°	10m	10 sec - 4 min	2-2000 Lux Adjustment	Yes

General Information

Dimensions H x W x D (mm)	Housing	PIR Pan/Tilt	Master/Slave	Mounting	Safety	IP Rating	Warranty
200 x 170 x 160	UV-stabilised polycarbonate	Yes	No	Wall or ceiling	Class II	IP54	3 years

LED EcoSpot



Wattage	Luminous Flux	Beam Spread (Half intensity)	LED Colour	Colour	Product Code
1 x 8W	720 lm	120° (each lamp)	3500K	Black	LHT0246
				White	LHT0247
2 x 8W	1440 lm			Black	LHT0248
				White	LHT0249

- CREE lamp with extra wide beam optics
- Comparable to 100W PAR38 performance
- All stainless steel screws - no rusting
- Warm white LED colour to suit domestic applications

General Information

Model	Dimensions H x W x D (mm)	Housing	Pan/Tilt	Mounting	Safety	IP Rating	Warranty
1 x 8W	130 x 112 x 165	Cast alloy	Yes	Wall or ceiling	Class I	IP44	3 years
2 x 8W	130 x 220 x 165						

LED EcoSpot PIR



Detection	Range	Time On Adjustable	Dusk Control	Manual Override	Colour	Product Code
180°	12m	10 sec - 4 min	2-2000 Lux Adjustment	Yes	Black	LHT0244
					White	LHT0250

- Extra wide beam optics
- Warm white LED colour to suit domestic applications

Lamp Information

Wattage	Luminous Flux	Beam Angle	LED Colour
2 x 8W	2 x 720 lm	105° - 110°	3500K

General Information

Dimensions H x W x D (mm)	Housing	PIR Pan/Tilt	Mounting	Safety	IP Rating	Warranty
220 x 200 x 150	Alloy UV-stabilised polycarbonate	Yes	Wall or ceiling	Class I	IP65 - Sensor IP44 - Luminaire	3 years

Beacon Solar LED Bollard



LED Wattage	Detection Radius (approx)	Time On Adjustable	Light Activation Level	Integral Solar Panel	LED Colour	Luminous Flux (approx)	Product Code
2.2W	100° 6m (max.)	10-90s	<10 lux (Dusk)	2.0W 7V	3000K	180 lm	LHT1167

- Uses renewable and free solar power
- Optional 10% courtesy light function - all night operation
- Presence activated for full output

Operating Modes

Mode	Description
1	PIR only
2	10% output all night and PIR
3	50% output - 6 hours
4	Off

Lamp Information

Battery (Lithium-Ion)	Operating Temperature	Solar Panel			
		Output	Open Circuit Rating	Short Circuit Rating	Full Charging Time
2200mAh @ 3.7V	20°C - 40°C	400mA @ 5V DC	7V	440mA	8 hrs

General Information

Dimensions H x W (mm)	Housing	Mounting	IP Rating	Warranty
600 x 200Ø	UV-Aluminium post, polycarbonate lens	Ground	IP44	2 years

Beacon Solar LED Wall Light



LED Wattage	Detection Radius (approx)	Light Activation Level	PIR Fixed Time On	Integral Solar Panel	LED Colour	Luminous Flux (approx)	Product Code
2.2W	100° 6m (max.)	<10 lux (Dusk)	30 sec	2.0W 7V	3000K	180 lm	LHT1166

- Uses renewable and free solar power
- Optional 10% courtesy light function - all night operation
- Presence activated for full output

Operating Modes

Mode	Description
1	PIR only
2	10% output all night and PIR
3	50% output - 6 hours
4	Off

Lamp Information

Battery (Lithium-Ion)	Operating Temperature	Solar Panel			
		Output	Open Circuit Rating	Short Circuit Rating	Full Charging Time
2200mAh @ 3.7V	20°C - 40°C	400mA @ 5V DC	7V	440mA	8 hrs

General Information

Dimensions H x W x D (mm)	Housing	Mounting	IP Rating	Warranty
87 x 204 x 228	LM2 alloy, UV-stabilised polycarbonate	Wall	IP44	2 years

Beacon Wall Light Accessories

Description	Product Code
Replacement Battery for LHT1166	LHT1166

Lighting and Sensors

Eclipse Solar LED Pole Lights



Wattage	Luminous Flux	Courtesy Lumen Output	Detection Radius (approx)	Integral Solar Panel	LED Colour	Product Code
12W	900 lm	70 lm	4m	5.5W 12V	5700K	LHT2002
24W	1600 lm	120 lm	4m	6.5W 12V	5700K	LHT2003

- Uses renewable and free solar power
- Battery management system to deliver efficient operation
- Courtesy light activated all night
- Full output PIR movement activated
- Mounting clamps and bolts supplied
- Pole not supplied
- If orientation for charging is limited, use secondary plug-in panel included

Lamp Information

Model	Beam Spread	Secondary Solar Panel	Battery (Lithium-Ion)	Max. Run Time* (20 x Triggers)	Max. Run Time* (No x Triggers)
12W	100°	6W 13V	2200mAh @ 7.4V	7 hrs	11 hrs
24W	100°	6W 13V	4400mAh @ 7.4V	7 hrs	11 hrs

* 8 hour charging/single panel. Times are based on fully charged batteries. Insufficient sunshine hours may reduce run time.

General Information

Model	Dimensions H x W (mm)	Weight	Housing	Mounting	Installation Height (m)	Battery Charging Temp Range	Battery Discharging Temp Range	IP Rating	Warranty
12W	290 x 200	1.9 kg	Powdercoat aluminium with 304 stainless steel fixings	Wall or Pole (60-90mm dia)	4	0-80°C	-20°C - 60°C	IPX5	3 years
24W	390 x 200	2.1 kg			5				
36W	500 x 200	2.7 kg			6				

Lighting and Sensors

Power Management Control

To maximise duration of night operation, regardless of sunlight hours charging, digital control determines the battery charge level and adjusts the power output accordingly.



Battery Condition 100%

Operates on 8% Courtesy Light from Dusk to Dawn
Operates on 100% Max Light for 60 secs after PIR detection



Battery Condition 60%

Operates on 8% Courtesy Light from Dusk to Dawn
Operates on 100% Max Light for 30 secs after PIR detection



Battery Condition 35%

No Courtesy Light function
Operates on 100% Max Light for 30 secs after PIR detection

Entrée Solar LED Wall Light



Wattage	Detection Radius (approx)	Duration Time	Integral Solar Panel	LED Colour	Product Code
2W	120° 8m (max.)	10 ±5s	1.8W 12V	3000K	LHT1084

- Uses renewable and free solar power
- Optional 10% courtesy light function - all night operation
- Presence activated for full output
- Excellent doorway light

Lamp Information

Battery (Lithium-Ion)	Max. Run Time*	
	PIR with Courtesy Light	PIR without Courtesy Light
2600mAh @ 3.7V	60x Activations	80x Activations

* Times based on fully charged batteries. Triggers and maximum run times are approximate only. Insufficient sunshine hours may also reduce run time.

General Information

Dimensions H x W x D (mm)	Weight	Housing	Mounting	Installation Height (m)	IP Rating	Warranty
220 x 170 x 210	1.6 kg	UV-stabilised polycarbonate	Wall	2.2-3.2	IP44	2 years

Ultrabright Solar Sensor Light



Detection	Range	LED Colour	Luminous Flux	PIR Aiming Adjustment	Dusk Control	Colour	Product Code
180°	up to 10m	5000K	1250 lm	Left or right 90°	0–20 lux (Default)	Black	LHT1184

- Off-grid location solution
- Backup battery for guaranteed performance
2 x 3.7V 2200mAh rechargeable 18650 Lithium Ion batteries are included, with optional battery backup of 4 x 'D' cell Alkaline batteries.
- Time Xtender & Eco modes for longer battery life
- Optional opal lens to reduce glare are included

Operating Modes

Mode	Normal power supply Light on time (Li-ion battery)	Back up power supply Light on time (Alkaline battery)
0	Off and charging only	Off
1M	100% Brightness for 1 minute	50% Brightness for 30 seconds
5M	100% Brightness for 5 minutes	50% Brightness for 3 minutes
XTEN	100% Brightness for 1 minute & 20% brightness for 4 minutes	50% Brightness for 30 seconds & 10% brightness for 2 minutes
ECO	70% Brightness for 1 minute	35% Brightness for 15 seconds

General Information

Dimensions H x W x D (mm)	Housing	Solar Panel	Mounting	Pan/ Tilt	Safety	IP Rating	Battery		Warranty
							Included	Required	
210 x 125 x 80	UV-stabilised polycarbonate	9V 2W with 5 metre cable	Ceiling / Wall	Yes	Class III	IP44	2 x 3.7V 2200mAh 18650 Lithium Ion rechargeable batteries	4 x 'D' Cell Alkaline	3 years

Bulkheads and Industrial Lighting

LED Button



Description	Wattage	Luminous Flux	LED Colour	Colour	Product Code
Round	6W	480 lm	4000K	Black	LHT0255
				Silver	LHT0257
Oval				Silver	LHT0260
Round Bar				Black	LHT0261
				White	LHT0262
				Silver	LHT0263
Oval Bar				White	LHT0265
				Silver	LHT0266

- Compact decorative housing design
- Replaces incandescent options up to 60 watts
- Robust construction

General Information

Model	Dimensions H x W x D (mm)	Housing	Mounting	Safety	IP Rating	Warranty
Round	160 x 160 x 75	Alloy Polycarbonate Stainless steel	Universal	Class I	IP44	2 years
Oval	122 x 182 x 75					
Round Bar	160 x 160 x 80					
Oval Bar	122 x 182 x 80					

Moeraki Perimeter Wall Light



Wattage	Luminous Flux	LED COLOUR	CRI	Colour	Product Code
25W	3500	3000K 4000K 5000K	≥80	Black	LHT1187

- Adjustable LED Colour to Suit
- Heavy Duty Construction
- Contemporary Architectural Design

General Information

Dimensions H x W x D (mm)	Housing	Mounting	Safety	IP Rating	Impact Protection	Warranty
289 x 293 x 97	Aluminium Body, PC lens	Wall	Class I	IP66	IK10	5 years

Bulkheads and Industrial Lighting

NOVA



Wattage (4 settings)	Adjustable Luminous Flux	LED Colour Select	SDCM	CRI	Colour	Variant	Product Code
12-20W	1200 - 2000 lm	3000K 4000K 6500K	<3	≥80	Black	Standard	LHT1188
						Microwave	LHT1193
						Emergency	LHT1232
					White	Standard	LHT1189
						Microwave	LHT1194
						Emergency	LHT1233
18-28W	1800 - 2800 lm	3000K 4000K 6500K	<3	≥80	Black	Standard	LHT1190
						Microwave	LHT1195
						Emergency	LHT1234
					White	Standard	LHT1191
						Microwave	LHT1196
						Emergency	LHT1235

- 4 side mount conduit access points
- 4 levels lumen adjustment 3CCT colour selection
- Emergency + Microwave Sensor options
- Suitable for Coastal conditions

Microwave Sensor Information

Detection Range Adjustable	Time On Adjustable	Light Level	Max. Switching
6 - 8 mtr Ø	5s / 1min / 3mins / 10mins	Dusk / Daylight	100W (LED)

LED Bulkhead Emergency Information

Luminous Flux	Spacing	Emergency Duration	Battery
235lm	D32	2 Hours	LiFePO4 1500mAh 6.4V

General Information

Model	Dimensions H x W x D (mm)	Housing	Mounting	Safety	IP Rating	Impact Protection	Warranty
20W	308 x 308 x 70	UV stabilised Polycarbonate	Ceiling / Wall	Class II	IP66	IK10	5 years
28W	338 x 338 x 72						

NOVA Accessories

Description	Product Code
Replacement Emergency Inverter Kit	LHT1238
Replacement LiFePO4 Battery Pack Kit	LHT1239

Oyster LED



Wattage	Luminous Flux	Beam Spread (Half intensity)	LED Colour	Colour	Product Code
14W	800 lm	110°	4200K	Black	LHT0222
				Cream	LHT0223
20W	1150 lm	110°	4200K	Black	LHT0224

- Robust polycarbonate housing suits most harsh environments to -10°C
- True IP66 rated construction
- Master/slave capable (7 x slaves max.)

General Information

Model	Dimensions Ø x H (mm)	Housing	Mounting	IP Rating	Impact Protection	Warranty
14W	300 x 100	UV-stabilised polycarbonate Stainless steel brackets	Universal	IP66	IK09	3 years
20W	350 x 100					

WP-Compact



Wattage	Luminous Flux	LED Colour	CRI	Rated Life L70 B10	Colour	Product Code
10W	900 lm	4000K	> 80	50,000 hrs	Grey/Opal	LHT0785
15W	1250 lm					LHT0786

- Vandal resistant luminaire
- Universal mounting
- Reliable isolated driver

General Information

Model	Dimensions H x W x D (mm)	Housing	Safety	IP Rating	Impact Protection	Warranty
10W	245 x 125 x 70	UV Polycarbonate Stainless Steel Screws	Class II	IP65	IK08	3 years
15W	350 x 125 x 70					

OFR/AFR



Wattage	LED Colour	Luminous Flux	Beam Angle	Rated Life L70 B10	Colour	Switching	Product Code
18W	5000K	1050 lm	110°	80,000 hrs	Black	Standard	EL10710216
					White		EL10710209
26W	5000K	1670 lm	110°	80,000 hrs	Black	Standard	EL10710315
					White		EL10710308

- Low glare rear projection technology
- ON/OFF or PIR sensor
- Horizontal and vertical adjustment of luminaire head

General Information

Model	Dimensions H x W x D (mm)	Housing	Mounting	IP Rating	Warranty
18W Standard	195 x 128 x 140	Extruded alloy polycarbonate	Wall	IP55	3 years
18W PIR	216 x 128 x 140				
26W Standard	195 x 176 x 140				

Chameleon - Dimmable



Wattage	LED Colour Selections	Luminous Flux	Colour	Product Code
21W	3000K 4000K 5000K	130 - 1500 lm	Black	LHT1096
			White	LHT1097
Spare Part for Remote Control				LHT1108

- Select LED colour temperature to suit application
- 8 step dimming with remote controller (included)
- Change the scene anytime
- Pairable for synchronised operation

General Information

Dimensions H x W x D (mm)	Housing	Mounting	IP Rating	Safety	Warranty
120 x 160 x 40	Aluminium alloy	Wall or ceiling	IP65	Class I	3 years

Remote Controller Information

Type	Colour Select	Dimming	Batteries
Infrared	Yes	8 Step	2 x AAA (not included)

Robo LED



Detection	Range	Time On Fixed	Colour	Product Code
270° Forward	10m (max)	3 min	Black	LHT1083

- Motorised light follows movement in the detection zone
- Setting modes for day and/or night light triggering and movement following options
- PIR sensor for system efficiency
- Easy operational set-up

Lamp Information

Wattage	Luminous Flux	Beam Angle	LED Colour
18W	1500 lm	110°	4000K

General Information

Dimensions H x W x D (mm)	Housing	Mounting	Safety	IP Rating	Warranty
209 x 170 x 183	UV-stabilised polycarbonate	Wall	Class I	IP44	3 years

Reflect LED PIR



Detection	Range	Time On Adjustable	Dusk Control	Manual Override	Wattage	Colour	Product Code
120° Forward	10m	5 sec - 10 min	2-2000 Lux Adjustment	Yes	12W	Black	LHT0277
					20W	White	LHT0280
					26W	White	LHT0282

- Unique rear-projection technology, using a high polished reflector to maximise light yield
- Reduces high glare issues
- Extra wide beam optics

Lamp Information

Wattage	Luminous Flux	Beam Spread	LED Colour
12W	500 lm	105°	5700K
20W	1000 lm	110°	5700K
26W	1500 lm	110°	5700K

General Information

Model	Dimensions H x W x D (mm)	Housing	Mounting	Pan/Tilt	Safety	IP Rating	Warranty
12W	122 x 98 x 111	Extruded alloy polycarbonate Stainless steel brackets	Wall or ceiling	Yes	Class II	IP54	3 years
20W	122 x 170 x 111						
26W	141 x 222 x 111						

Floodlights

Reflect LED



Wattage	Luminous Flux	Beam Spread	LED Colour	Colour	Product Code
12W	500 lm	105°	5700K	Black	LHT0271
				White	LHT0272
20W	1000 lm	110°	5700K	Black	LHT0273
				White	LHT0274
26W	1500 lm	110°	5700K	Black	LHT0275
				White	LHT0276

- Unique rear-projection technology, using a high polished reflector to maximise light yield
- Reduces high glare issues
- Extra wide beam optics

General Information

Model	Dimensions H x W x D (mm)	Housing	Mounting	Safety	IP Rating	Warranty
12W	122 x 98 x 111	Extruded alloy polycarbonate Stainless steel brackets	Wall or ceiling	Class II	IP55	3 years
20W	122 x 170 x 111					
26W	141 x 222 x 111					

Flood LED



Wattage	Luminous Flux	Peak Intensity	Beam Spread (Half intensity)	Rated Life L70 (12K)	LED Colour	Colour	Product Code
30W	2396 lm	953 cd	110°	>56,000 hrs	5700K	Black	LHT0214

- Suitable for commercial and industrial floodlighting applications, the 110° beam precision optics offer wide spacing
- Optimised thermal fins provide a customised heat dissipation solution to maximise LED lamp life

General Information

Dimensions H x W x D (mm)	Weight	Operating Temperature	Cable	Housing	Safety	IP Rating	Warranty
276 x 220 x 64	2.05kg	-25°C - 50°C	1800mm fitted	Alloy, Safety glass Stainless steel bolts	Class I	IP65	3 years

Ultrabright LED Sensor Light



Detection	Range	PIR Aiming Adjustment	Dusk Control	Colour	Product Code
180°	up to 10m	Left or right, 90°	0~10 lux (Default)	Black	LHT1181

- Battery powered huge light output
- Time Xtender & Eco Modes for longer battery life
- Optional opal lens to reduce glare are included
- Battery life approx 18 months based on average of 5 activations per day

Operating Modes

Mode	Description
0	Off
15s	15 seconds activation on presence
XTEN	Keeps lights on at 100% for 12 seconds, drops to 20% without motion for 48 seconds, then returns to 100% when motion is detected.
ECO	Lights operate at 70% to extend battery life up to 30%

Lamp Information

LED Colour	Luminous Flux	Beam Spread	Manual Override
3000K	720 lm	120°	No

General Information

Dimensions H x W x D (mm)	Housing	Mounting	Pan/Tilt	Safety	IP Rating	Battery (not included)	Warranty
210 x 105 x 80	UV-stabilised polycarbonate	Ceiling / Wall	Yes	Class III	IP44	4 x 'D' Cell Alkaline	3 years

Ultrabright PIR Shed Light



Detection	Range	Time On (Fixed)	PIR Aiming Adjustment	Colour	Product Code
110°	up to 6m	15 sec	Pan left or right 34° Tilt up or down 52°	White	LHT1183

- Battery powered impressive light output
- Integral PIR for easy automation
- Perfect for under stairs, garden sheds, pathways and garage. Practically anywhere you need light.
- Battery life approx 12 months based on average of 5 activations per day

Lamp Information

LED Colour	Luminous Flux	Beam Spread	Manual Override
5000K	350 lm	120°	No

General Information

Dimensions H x W x D (mm)	Housing	Mounting	Pan/Tilt	Safety	IP Rating	Battery (not included)	Warranty
110 x 70 x 90	UV-stabilised polycarbonate	Ceiling / Wall	Yes	Class III	IP44	3 x 'C' Cell Alkaline	3 years

EzyLED Spot Two



Model	Detection	Range	Time On Adjustable	Manual Override	Beam Spread	Luminous Flux	Battery	Colour	Product Code
Twin	100°	up to 10m	15 - 20 sec	No	6m x 4m (each lamp)	90 lm	3 x AA (required)	Black	LHT0178

- Ultra bright white LED
- 12+ month battery life for single lamp model based on an average of 3 activations per night
- 9+ month battery life for twin lamp model based on an average of 3 activations per night

General Information

IP Rating	Warranty
IP44	1 year