



Product Catalogue

LIGHTING
SENSORS

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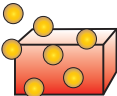
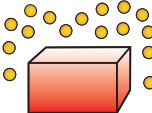
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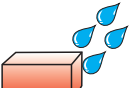
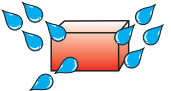
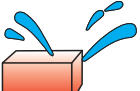

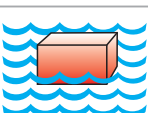
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IP Ratings











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 sprayed 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	06	20cm  500g 1 Joule Impact
02	10cm  200g 0.20 Joule Impact	07	40cm  500g 2 Joule Impact
03	17.5cm  200g 0.35 Joule Impact	08	30cm  1.7kg 5 Joule Impact
04	25cm  200g 0.50 Joule Impact	09	20cm  5kg 10 Joule Impact
05	35cm  500g 0.7 Joule Impact	10	40cm  5kg 20 Joule Impact

Trinity 180°



Detection	Range	Time On Adjustable	Dusk Control	Manual Override	Holiday Mode	Max. Switching	Colour	Order Code
180° Forward	10m	5 sec - 15 min	Yes	Yes	1-8 hrs	3000W (Resistive) 110W (LED)	Black	LHT0238
							White	LHT0239

- Suits environments up to IP55
- Scrolling LED as prowler deterrent
- High 3kW switching capacity

General Information

Mounting	Housing	IP Rating	Safety	Warranty
Wall	UV-stabilised Polycarbonate	IP55	Class II	3 years

Smart Sense 180°



Detection	Range	Time On Adjustable	Dusk Control	Manual Override	Max. Switching	Colour	Order Code
180° Forward	12m	5 sec - 5 min	Yes	Yes	2000W (Resistive) 110W (LED)	Black	LHT0119
						White	LHT0120

- Proven, reliable sensor with a large accessible wiring box
- High 2kW switching capacity

General Information

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

RC 230i



Detection (adjustable)	Range	Anti-creep Protection	Time On Adjustable	Dusk Control	Max. Switching	Supply	Colour	Order Code
230° (2 x 115°)	20m	360°	15 sec - 30 min	2-2500 Lux Adjustment	2300W (Resistive) 200W (LED)	230V AC	White	LHT0319
							Black	LHT0318
						12-36V AC/DC	White	LHT0315

- 360° anti-creep alert

General Information

Dimensions H x W x D (mm)	Housing	Mounting	Operating Temperature	Safety	IP Rating	Warranty
105 x 135 x 78	UV-stabilised polycarbonate	Wall or ceiling	-25°C - 55°C	Class II	IP54	5 years

RC 230i Accessories

Description	Order Code
Corner Bracket - Black	LHT0316
Corner Bracket - White	LHT0317
Remote Control Mobil - RCi	LHT0559

MD-W 200°



Detection (adjustable)	Range	Time On Adjustable	Dusk Control	Max. Switching	Colour	Order Code
200° (2 x 100°)	12m	15 sec - 16 min	2-2000 Lux Adjustment	2300W (Resistive) 200W (LED)	White	LHT0292
					Black	LHT0291

- 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	Order Code
Alternate Cover Accessory - Silver	LHT0308

Smart Sense 360°

Flush Mount



Detection	Range	Time On Adjustable	Dusk Control	Manual Override	Max. Switching	Colour	Order Code
360° Downward	6m (dia)	5 sec - 15 min	Yes	Yes	2000W (Resistive) 110W (LED)	White	LHT0142

- Low profile, flush mounted sensor for soffit or internal mounting
- Capable of switching loads on different phase or voltage supply

General Information

Cut Out for Recessing	Mounting	Safety	IP Rating	Warranty
75mm Ø	Flush	Class II	IP44	3 years

Smart Sense 360°

Surface or Flush Mount



Detection	Range	High Occupancy Zone	Time On Adjustable	Dusk Control	Manual Override	Max. Switching	Colour	Order Code
360° Downward	22m (dia) Adjustable	6m	10 sec - 40 min	Yes	Yes	2000W (Resistive) 200W (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	Order Code
Replacement Mounting Accessory Pack for LHT0179	LHT0417

PIR Sensors

Micro Sense 360°



Detection	Range	Time On Adjustable	Dusk Control	Manual Override	Max. Switching	Detection Frequency	Colour	Order Code
360° Downward	20m (dia) Adjustable	5 sec - 15 min	Yes	No	1200W (Resistive) 300W (LED)	5.8GHz CW Radar ISM Band	White	LHT0182

- Optimised motion detection, perfect for open plan offices
- High sensitivity to movement
- Uninterrupted coverage up to 314m²
- Detection possible through doors, glass or thin walls

General Information

Transmission Power	Mounting	IP Rating	Warranty
< 10mw	Ceiling	IP20	3 years

Basic 360°

ESYLUX



Detection	Type	Range	Time On Adjustable	Manual Override	Max. Switching	Colour	Order Code
360° Downward	Motion	8m	15 sec - 60 min	Yes	2300W (Resistive) 200W (LED)	White	LHT0322
		24m					LHT1067
	Presence	8m					LHT0323
		24m					LHT1068

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

General Information

Dimensions Ø x D (mm)	Housing	Mounting	Safety	IP Rating	Warranty
94 x 30	UV stabilised polycarbonate	Ceiling	Class II	IP40	5 years

Compact Mini



Detection	Type	Range	Switching	Supply	IP Rating	Run On Time	Order Code	
360° Downward	Motion	6m	ON/OFF	12-36V AC/DC	IP65	1-15 min	LHT0306	
				230V AC	IP65	1-15 min	LHT0523	
		8m	ON/OFF	230V AC	IP55	1-15 min	LHT0307	
			12m	ON/OFF	230V AC	IP55	1-15 min	LHT0524
	Presence		8m	ON/OFF - DIM	12-36V AC/DC	IP55	1-60 min	LHT0552
			12m	ON/OFF - DIM	12-36V AC/DC	IP55	1-60 min	LHT0554
			6m	ON/OFF	230V AC	IP65	1-15 min	LHT0525
			8m	ON/OFF	230V AC	IP55	1-15 min	LHT0526
			12m	ON/OFF	230V AC	IP55	1-30 min	LHT0527
			8m	Slave	230V AC	IP55	-	LHT0529
			8m	ON/OFF - DIM	1-10V DC	IP55	1-15 min	LHT0528
			6m	ON/OFF - DIM	DALI	IP55	1-240 min	LHT0547
		8m	ON/OFF - DIM	DALI	IP55	1-240 min	LHT0548	

- 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	Order Code
Remote Control Mobil - PDi/MDi	LHT0309
Remote Control Mobil - PDi/DALI	LHT0556
Remote Control Esy-PEN	LHT1053
DALI Power Supply - 200mA	LHT0352
DALI Switch	LHT0566

Lighting and Sensors

Flat 360°



Detection	Type	Range	Switching	Supply	Switch Off Delay Time	Fascia	Colour	Order Code
360° Downward	Motion	8m	ON/OFF	230V AC	1-30 min	Round	White	LHT0493
							Black	LHT1065
						Square	White	LHT0495
							Black	LHT1066
	Presence	8m	ON/OFF	230V AC	1-30 min	Round	White	LHT0496
							Black	LHT0498
						Square	White	LHT0499
							Black	LHT0500
			ON/OFF - DIM	DALI	1-240 min	Round	White	LHT0537
							Black	LHT0538
						Square	White	LHT0539
							Black	LHT0540

- 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	Order Code
Recess Mount Kit			LHT0561
Surface Mount Kit - IP54		White	LHT0321
Remote Control Mobil - PDi/MDi			LHT0309
Remote Control Mobil - PDi/DALI			LHT0556
DALI Power Supply - 200mA			LHT0352
Remote Control Esy-PEN			LHT1053
Polished Glass Trims (cover only)	Ø 94mm	Round White	LHT1038
	Ø 94mm	Round Black	LHT1037
		Square White	LHT1040
		Square Black	LHT1039
Oversize Trims (cover only)	Ø 104mm	Round White	LHT1045
	Ø 104mm	Round Black	LHT1046

Compact



Detection	Type	Range	Switching	Supply	Switching Channels	Run On Time	Manual Override	Order Code
360° Downward	Motion	8m	ON/OFF	230V AC	1	1-15 min	Yes	LHT0507
		24m	ON/OFF	230V AC	1	1-15 min	Yes	LHT0509
		32m	ON/OFF	230V AC	1	1-15 min	Yes	LHT1072
		40m	Corridor	230V AC	1	1-30 min	Yes	LHT1078
	Presence	8m	SW/DIM	12-36V AC/DC	1	1-60 min	Yes	LHT0325
			ON/OFF	230V AC	1	1-15 min	Yes	LHT0510
			1-10V DIM	230V AC	1	1-15 min	Yes	LHT0513
			Slave	230V AC	1	1-30 min	Yes	LHT0519
			ON/OFF	230V AC	2	1-15 min	Yes	LHT0311
			DALI Broadcast	230V AC	2	1-15 min	Yes	LHT0546
		24m	SW/DIM	12-36V AC/DC	1	1-30 min	Yes	LHT0553
			ON/OFF	230V AC	1	1-30 min	Yes	LHT1070
			1-10V DIM	230V AC	1	1-30 min	Yes	LHT0515
			Slave	230V AC	1	1-15 min	Yes	LHT0520
			ON/OFF	230V AC	2	1-30 min	Yes	LHT0314
			ON/OFF	230V AC	3	1-30 min	Yes	LHT0313
			1-10V DIM	230V AC	2	1-30 min	Yes	LHT0516
			DALI Broadcast	230V AC	2	1-15 min	Yes	LHT0545
			1-10V DIM	230V AC	3	1-30 min	Yes	LHT0312
			ON/OFF	230V AC	1	1-30 min	Yes	LHT1073
32m	ON/OFF	230V AC	2	1-30 min	Yes	LHT1074		
	Slave	230V AC	1	1-15 min	Yes	LHT1075		
	DALI Broadcast	230V AC	2	1-15 min	Yes	LHT1076		
	Corridor	230V AC	1	1-30 min	Yes	LHT1079		
Downward	Presence	32m x 4m	1-10V DIM	230V AC	2	1-30 min	Yes	LHT0372

- 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

Lighting and Sensors

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 / 40m	108 x 70						
32m x 4m	108 x 70						

Compact Accessories

Description	Order Code	Description	Order Code	Description	Order Code
Surface Mount Kit - IP54	White	LHT0321	Recess Mount Kit	LHT0302	Remote Control Mobil
	Silver	LHT0320	Basket Guard - IK10	LHT0301	
Silver Trim Kit	8m	LHT0303	DALI Power Supply - 200mA	LHT0352	Remote Control Esy-PEN
	24m/32m/40m	LHT0304			

Dual Technology 360°



Detection	Type	Control Switching		Range	Run On Time	Colour	Order Code
360° Downward	Motion	Standard	230V AC	8m	1-30min	White	LHT0508
	Presence	Standard	230V AC	8m	1-30min	White	LHT0310

- PIR+ acoustic sensor

General Information

Dimensions Ø x D (mm)	Housing	Mounting	Safety	IP Rating	Warranty
108 x 62	UV-stabilised polycarbonate	Ceiling	Class II	IP20 - Recess mount IP54 - Surface mount	5 years

Dual Technology 360° Accessories

Description	Order Code
Surface Mount Kit - IP54	LHT0321
Recess Mount Kit	LHT0302
Remote Control Mobil - PDi/MDi	LHT0309

Dual Technology Corridor 180°



Detection	Type	Channels	Range	Run On Time	Control Switching	Colour	Order Code
180° Horizontal	Presence	2	8m x 16m	1-60 min	230V AC	White	LHT1052
				1-120 min	12-36V AC/DC	White	LHT1069

- PIR+ acoustic sensor
- HVAC switching options

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	IP20 - Recess mount IP44 - Surface mount	5 years

Dual Technology 180° Accessories

Description	Order Code
Cover - IP20	LHT0429
Cover - IP44	LHT1014
Surface Box - IP44	LHT0560
Remote Control Mobil - PDi/MDi	LHT0309

Luminous Two



Wattage	Model	Luminous Flux	LED Colour Range	Dimming	Order Code
18W	Round	1500 lm	2700K - 6500K	1-100%	LHT0787
	Square				LHT0788
24W	Round	1800 lm	2700K - 6500K	1-100%	LHT0789
	Square				LHT0790

- Fast, easy installation
- Dynamic tunable white and full dimming
- Group and unlimited scene settings
- Control as individual or group (room)
- Unlimited scene settings
- Multiple device access and password protected controller

General Information

Model		Dimensions H x W x D (mm)	Housing	Mounting	IP Rating	Warranty
18W	Round	Ø 280 x 48	Polycarbonate	Wall or ceiling	IP44	3 years
	Square	280 x 280 x 48				
24W	Round	Ø 330 x 48				
	Square	330 x 330 x 48				

Luminous Two Room Controller



Description	Order Code
Manual control setting accessory available for wall mounting	LHT0791


Lighting
and Sensors

App Information

Download the Bluelight2 App

- Android system
- Apple (IOS system)

Isabelle Pendant Lights



Wattage	Beam Angle	LED Colour	Luminous Flux	Rated Life L70 B10	Switching	Colour	Order Code
72W	80° (direct)	3000K	7600 lm	70,000 hrs	ON/OFF	Anthracite	LHT0929
						White	LHT0930
					DALI	Anthracite	LHT0985
						White	LHT0986
					PIR DALI	Anthracite	LHT0933
						White	LHT0934
	120° (indirect)	4000K	8000 lm	70,000 hrs	ON/OFF*	Anthracite	LHT0931
						White	LHT0932
					DALI*	Anthracite	LHT0983
						White	LHT0984
					PIR DALI	Anthracite	LHT0935
						White	LHT0936

- Available as ON/OFF, DALI or PIR DALI
- Maximum energy efficiency
- Direct/indirect light emission 40 : 60 ratio



General Information

Dimensions H x W x D (mm)	Housing	Mounting	UGR	Safety	IP Rating	Warranty
30 x 166 x 1206	Aluminium	Pendant suspension (max. 2000mm supplied)	≤ 19	Class I	IP20	5 years

Boardlights - Asymmetrical



Wattage	Beam Angle	LED Colour	Luminous Flux	Rated Life L70 B10	Switching	Colour	Order Code
30W	60°	3000K	3970 lm	105,000 hrs	ON/OFF	White	LHT1091
		4000K	4190 lm	105,000 hrs		White	LHT1092

- Excellent asymmetric output for vertical surfaces in retail and education
- Multiple mounting options
- Sleek 48mm housing depth



General Information

Dimensions H x W x D (mm)	Housing	Mounting	Imax Angle	Peak	UGR	Safety	IP Rating	Warranty
48 x 171 x 1190	Powder coated steel	Surface, recessed, suspended, cantilever	25-50°	500 cd/klm	≤ 19	Class II	IP20	5 years

Boardlights Accessories



Description	Order Code
Cantilever Wall Arm Set (2 pieces, 700mm)	LHT1094
Plaster Ceiling 1200 FM Mounting Frame	LHT1095
Wire Suspension Set (2 pieces, 2000mm)	LHT1093

Celine Panels CRI 80 Series - ON/OFF Switching

Size (H x W)	Rated Life L70 B10	Wattage	LED Colour	Luminous Flux	Efficacy	Presence Sensor	Order Code
600 x 600m	105,000 hrs	30W	3K	3240 lm	108 lm/W	No	LHT0941
			4K	3410 lm	114 lm/W	No	LHT0943
1200 x 300m	105,000 hrs	30W	3K	3460 lm	115 lm/W	No	LHT0953
				3460 lm	115 lm/W	Yes	LHT0955
			4K	3590 lm	120 lm/W	No	LHT0957
				3590 lm	120 lm/W	Yes	LHT0959
		60W	3K	7050 lm	118 lm/W	No	LHT0969
				7050 lm	118 lm/W	Yes	LHT0971
			4K	7120 lm	119 lm/W	No	LHT0973
				7120 lm	119 lm/W	Yes	LHT0975



Celine Panels CRI 80 Series - DALI Control

Size (H x W)	Rated Life L70 B10	Wattage	LED Colour	Luminous Flux	Efficacy	Presence Sensor	Order Code
600 x 600m	105,000 hrs	30W	3K	3240 lm	108 lm/W	No	LHT0942
			4K	3410 lm	114 lm/W	No	LHT0944
			4K	4370 lm	146 lm/W	No	LHT1099
1200 x 300m	105,000 hrs	30W	3K	3460 lm	115 lm/W	No	LHT0954
			4K	3590 lm	120 lm/W	No	LHT0958
		60W	3K	7050 lm	118 lm/W	No	LHT0970
			4K	7120 lm	119 lm/W	No	LHT0974

- High output models: LHT1099

Celine Panels CRI 80 Series - ELC Control

Size (H x W)	Rated Life L70 B10	Wattage	LED Colour	Luminous Flux	Efficacy	Presence Sensor	Order Code
600 x 600m	105,000 hrs	30W	3K	3270 lm	109 lm/W	No	LHT1033
			4K	3460 lm	115 lm/W	No	LHT1015
			3K	4150 lm	138 lm/W	No	LHT1101
			4K	4370 lm	146 lm/W	No	LHT1100
			2.7K - 6.5K	3460 lm	115 lm/W	No	LHT1016
			2.7K - 6.5K	4370 lm	146 lm/W	No	LHT1102
1200 x 300m	105,000 hrs	30W	3K	3290 lm	110 lm/W	No	LHT1029
			3K	3290 lm	110 lm/W	Yes	LHT1089
			4K	3420 lm	114 lm/W	No	LHT1028
			4K	3420 lm	114 lm/W	Yes	LHT1090
			2.7K - 6.5K	3420 lm	114 lm/W	No	LHT1026
			2.7K - 6.5K	3420 lm	114 lm/W	Yes	LHT1098

- High output models: LHT1100, LHT1101, LHT1102
- ELC control panels require an ELC SmartDrivers (see page 192)

Celine Panels CRI 90 Series - ELC Control



Wattage	Rated Life L70 B10	LED Colour	Luminous Flux	Efficacy	Presence Sensor	Order Code
30W	105,000 hrs	2.7K - 6.5K	3570 lm	119 lm/W	No	LHT1103

- ELC control panels require an ELC SmartDrivers (see page 192)

General Information

Model	Dimensions H x W (mm)	Housing	Mounting	Lens	UGR	COI	IP Rating	Warranty
≥ CRI 80	600 x 600	Metal sheet	Recess Surface mount (with accessory)	Milky	≤ 19	-	IP20	5 years
	1200 x 300							
≥ CRI 90	1200 x 300					≤ 3.3	IP54	

Celine Panel Accessories

Description		Order Code
600 x 600	Surface Mount Box	LHT1041
	Plaster Ceiling Frame	LHT1104
1200 x 300	Surface Mount Box	LHT1105
	Seismic Cable Set (2 required)	LHT0928
	200ma DALI Power Supply	LHT0352

ELC SmartDrivers

The ELC SmartDriver is the control unit for Esylux lighting systems with simple plug-and-play installation and no programming required. The combination of control unit, ceiling lights and sensors delivers intelligent, presence-based and daylight-dependent controlled lighting - at the highest configuration level it produces the biologically effective light of SymbiLogic technology, commonly known as human centric lighting.



Celine ELC Panel	Colour	Order Code
x 4	3K/4K Constant Colour	LHT0993
x 8		LHT0994
BT x 4	3K/4K Constant Colour Bluetooth	LHT0978
BT x 8		LHT0997
TW x 4	Tunable White	LHT1000
TW x 6		LHT1001
TW x 8		LHT1002
TW BT x 4	Tunable White Bluetooth	LHT1003
TW BT x 6		LHT1004
TW BT x 8		LHT1005
KNX x 4	KNX 3K/4K Constant Colour	LHT1018
KNX x 8		LHT1019
KNX TW x 4	KNX Tunable White	LHT1022
KNX TW x 6		LHT1023
KNX TW x 8		LHT1024

- Multi-panel driver
- DALI broadcast dimming
- Daylight harvesting
- Scene control
- Fully expandable system
- Add up to 100 DALI dedicated lights
- Non-DALI light capable using DALI switch
- TW models include human centric algorithms
- KNX programmable in ETS

SmartDriver Wall Controllers and Presence Detectors



Description	Colour	Order Code
Wall Controller	3K/4K Pushbutton and DALI	LHT0926
	TW Pushbutton and DALI	LHT0927
Presence Detector	PD-C 360i/8 ELC	LHT0522
	PD-C 360i/24 ELC	LHT0925

ELC SmartDriver Accessories

Colour	Order Code
Switch DALI Semi-Automatic	LHT0565
Switch DALI Full Automatic	LHT0566
EsyPEN Commission Tool	LHT1053
Cable Set RJ45 5m x 8 Gray Cat5e	LHT1048
Cable Set RJ45 5m TW x 8 Gray Cat5e	LHT1049
Cable Set RJ45 10m x 8 Gray Cat5e	LHT1050
Cable Set RJ45 10m TW x 8 Gray Cat5e	LHT1051

Decor LED Strip Lights



Length	Wattage	Luminous Flux	LE Colour	Colour	Order Code
250mm	2.7W	190 lm	3000K	White	LHT0196
Replacement 230V Power Cord					LHT0216
Replacement Mounting Bracket Kit					LHT0217

- Easy to install, functional LED strip lights
- Slender, compact design to light up cabinets, benches, displays or wardrobes
- Supplied with power lead, joiners and mounting brackets
- End to end connectable to custom fit application

General Information

End to End Connection	Safety	IP Rating	Warranty
Up to 30 lengths	Class II	IP20	3 years

Spotlights

Trinity LED



Detection	Angle	Time On Adjustable	Dusk Control	Manual Override	Time Control Mode	Colour	Order Code
up to 12m	180° (3m) 80° (12m)	5 sec - 7 min	2-2000 Lux Adjustment	Yes	1-8 hrs	Black	LHT0331
						White	LHT0332

- Scrolling LED with PIR motion detector provide a constant and visual deterrent to potential prowlers
- Auto sensor, manual and timer modes
- Wide beam high output twin 12W LED

Lamp Information

Wattage	Luminous Flux	Beam Angle	LED Colour
2 x 12W	1600 lm	105° - 110°	5000K

General Information

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

Sensor LED



Wattage	LED Colour	Luminous Flux	Beam Angle	Colour	Order Code
2 x 4W	3100K	550 lm	95°	Black	LHT1081
				White	LHT1082

- 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	Order Code
2 x 8W	3100K	1200 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	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

Spotlights

EcoSpot SELECT LED PIR



Detection	Range	Time On Adjustable	Dusk Control	Manual Override	LED Colour Selections	Luminous Flux	Colour	Order Code
150°	10m	10 sec - 4 min	2-2000 Lux Adjustment	Yes	3000K 4000K 5000K	1800 lm 2000 lm 2000 lm	Black	LHT1054
							White	LHT1055

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

General Information

Wattage	Master/Slave	Housing	PIR Pan/Tilt	Mounting	Safety	IP Rating	Warranty
2 x 10W	No	UV-stabilised polycarbonate	Yes	Wall or ceiling	Class II	IP54	3 years

EcoSpot SELECT



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

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

General Information

Housing	Pan/Tilt	Mounting	Safety	IP Rating	Warranty
UV-stabilised polycarbonate	Yes	Wall or ceiling	Class II	IP54	3 years

LED EcoSpot PIR



Detection	Range	Time On Adjustable	Dusk Control	Manual Override	Time Control Mode	Colour	Order Code
80°	12m	3 sec - 7 min	2-2000 Lux Adjustment	Yes	1-8 hrs	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	1600 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	IP44	3 years

LED EcoSpot



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

PAR38 Lighting

SmartLite Spotlights



Wattage	Lamp Type	Pan/Tilt	LED Colour	Order Code
150W	PAR38 (not included)	Yes	Black	LHT0003
			White	LHT0005
300W	PAR38 (not included)	Yes	Black	LHT0007
			White	LHT0009

- Designed and made in New Zealand
- Ball-joint swivel mount socket - no tools necessary to adjust direction
- Single base fits standard conduit box. Pre-wired lamp holder

General Information

Housing	Mounting	Safety	IP Rating	Warranty
Heat resistant nylon	Wall or ceiling	Class II	IP44	1 year

EcoSpot Sensor Lights



Detection	Range	Time On Adjustable	Dusk Control	Manual Override	Colour	Order Code
120° Forward	12m Adjustable	5 sec - 5 min	No	Yes	Black	LHT0096
					White	LHT0097
					Grey	LHT0098

- High quality reliable PIR sensor
- All stainless steel screws - no rusting
- Ceramic lamp holders

Lamp Information

Wattage	Lamp Type
300W	PAR38 (not included)

General Information

Mounting	Pan/Tilt	Safety	IP Rating	Warranty
Wall or ceiling	Yes	Class I	IP44	3 years

EcoSpot Sensor Light Accessories

Description	Order Code
Replacement PAR38 Lamp Gasket (pair)	LHT0220

OFR/AFR LED



Wattage	LED Colour	Luminous Flux	Beam Angle	Rated Life L70 B10	Colour	Switching	Order Code
18W	5000K	1050 lm	110°	80,000 hrs	Black	Standard	LHT0293
					White		LHT0294
					Black	PIR	LHT0283
					White		LHT0284
26W	5000K	1670 lm	110°	80,000 hrs	Black	Standard	LHT0295
					White		LHT0296
					Black	PIR	LHT0285
					White		LHT0286

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

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
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				
26W PIR	216 x 176 x 140				

Lighting and Sensors

Floodlights

Chameleon



Wattage	LED Colour Selections	Luminous Flux	Colour	Order 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

General Information

Dimensions H x W x D (mm)	Housing	Mounting	IP Rating	Warranty
195 x 128 x 140	Aluminium alloy	Wall or ceiling	IP65	3 years

Remote Controller Information

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

Robo LED



Wattage	LED Colour	Luminous Flux	Beam Angle	Colour	Order Code
18W	4000K	1100 lm	110°	Black	LHT1083

- Motorised light follows movement in the detection zone
- PIR sensor for system efficiency
- Easy operational set-up

PIR Information

Detection	Range (max.)	Recommended Height
150° Forward	10m	2.3 - 3.2m

General Information

Model	Dimensions H x W x D (mm)	Housing	Mounting	IP Rating	Warranty
18W	195 x 128 x 140	UV-stabilised polycarbonate and cast alloy	Wall	IP44	3 years

Reflect LED PIR



Detection	Range	Time On Adjustable	Dusk Control	Manual Override	Wattage	Colour	Order Code
120° Forward	10m	5 sec - 10 min	2-2000 Lux Adjustment	Yes	12W	Black	LHT0277
						White	LHT0278
					20W	Black	LHT0279
						White	LHT0280
					26W	Black	LHT0281
						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						

Reflect LED



Wattage	Luminous Flux	Beam Spread	LED Colour	Colour	Order 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					

Floodlights

MightyLite LED



Wattage	Luminous Flux	Beam Spread	LED Colour	Colour	Order Code
14W	900 lm	105°	5700K	Black	LHT0230
				White	LHT0231
24W	1500 lm	110°	5700K	Black	LHT0232
				White	LHT0233
Replacement Mounting Accessories Pack					LHT0245

- High quality, compact size
- Suitable for residential and most light commercial applications
- Excellent perimeter light cut-off for spill and glare control
- Manual override capable, master/slave compatible

General Information

Dimensions H x W x D (mm)	Housing	Mounting	Pan/Tilt	Safety	IP Rating	Warranty
112 x 160 x 125	Alloy UV-stabilised polycarbonate	Wall	Yes	Class I	IP65	5 years

Flood LED



Wattage	Luminous Flux	Peak Intensity	Beam Spread (half intensity)	Rated Life L70 (12K)	LED Colour	Colour	Order Code
30W	2396 lm	953 cd	110°	>56,000 hrs	5700K	Black	LHT0214
50W	4294 lm	1785 cd	110°	>56,000 hrs	5700K	Black	LHT0215

- Suitable for most 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

Eclipse All-In-One Solar LED



Wattage	Luminous Flux	Courtesy Lumen Output	Detection Radius (approx)	Integral Solar Panel	LED Colour	Order Code
6W	400 lm	35 lm	4m	4W 11.5V	5700K	LHT2001
12W	900 lm	70 lm	4m	5.5W 12V	5700K	LHT2002
24W	1600 lm	120 lm	4m	6.5W 12V	5700K	LHT2003
36W	2300 lm	180 lm	4m	10W 17.5V	5700K	LHT2004

- 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)
6W	100°	6W 13V	2200mAh @ 7.4V	7 hrs	10 hrs
12W	100°	6W 13V	2200mAh @ 7.4V	7 hrs	11 hrs
24W	100°	6W 13V	4400mAh @ 7.4V	7 hrs	11 hrs
36W	100°	6W 18V	4400mAh @ 11.1V	7 hrs	10 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
6W	290 x 200	1.6 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
12W	290 x 200	1.9 kg			4				
24W	390 x 200	2.1 kg			5				
36W	500 x 200	2.7 kg			6				

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 All-In-One Solar LED



Wattage	Detection Radius (approx)	Duration Time	Integral Solar Panel	LED Colour	Order 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

Lamp Information

Model	Battery (Lithium-Ion)	Max. Run Time*	
		PIR with Courtesy Light (60 x Triggers)	PIR without Courtesy Light (80 x Triggers)
2W	2600mAh @ 3.7V	3 hrs	4 hrs

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

General Information

Model	Dimensions H x W x D (mm)	Weight	Housing	Mounting	Installation Height (m)	IP Rating	Warranty
2W	220 x 170 x 210	1.6 kg	UV-stabilised polycarbonate	Wall	2.8	IP44	2 years

MightyLite LED Solar



Wattage	Detection	Range	Battery	Solar Panel	Full Battery Charge	Colour	Order Code
16W	120° Forward	8-12m	1 x 8 Ah Lithium-ion	36Wh	4-8 hrs	Black	LHT0347
28W	120° Forward	8-12m	1 x 12 mAh Lithium-ion	60Wh	4-8 hrs	Black	LHT0346
Replacement 8 Ah Lithium-ion Battery							LHT0366
Replacement 12 Ah Lithium-ion Battery							LHT0367
Replacement Remote Control							LHT0885
5m Extension Cordset							LHT0924

- Off-grid location solution
- Dimmable and switchable
- Supplied with mounting brackets, 50mm pole clamps and remote control

Lamp Information

Wattage	Luminous Flux	Beam Angle	LED Colour
16W	1200 lm	74° - Vertical 93° - Horizontal	5700K
28W	2000 lm		

Remote Control Functions

Power	Dimmer	Courtesy Light	PIR	PIR Duration	Continuous Light	Courtesy Light	Manual Override
On/Off	Up/Down	On/Off	On/Off	Long/Short	50%	Time Out	4 Hour On

General Information

IP Rating	Warranty
IP65	2 years

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 Med Light from Dusk to Dawn
Operates on Max Light for up to 120 secs after PIR detection



Battery Condition 60%

Operates on Min Light from Dusk to Dawn
Operates on Max Light for 60 secs after PIR detection



Battery Condition 35%

PIR function only
Operates on Max Light for 30 secs after PIR detection

LED Washer Mood Lighting



Model	Wattage	Luminous Flux	LED Colour	Fascia Colours	Order Code
Vertical	1.0W	50 lm	4000K	White Grey Black	LHT0252
Square	1.6W	80 lm			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	IK09	Class II	IP54	3 years
Square	125 x 127 x 27					
Round	Ø 150 x 27					
Horizontal	80 x 230 x 27					

Maxi Washer Mood Lighting



Model	Wattage	Luminous Flux	LED Colour	Fascia Colours	Order 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

Housing	Mounting	Impact Resistance	Safety	IP Rating	Warranty
ABS UV-stabilised polycarbonate	Surface	IK09	Class II	IP55	3 years

ALVA Bollards - 940mm



Wattage	Beam	LED Colour	Lens	Luminous Flux	CRI	Rated Life L70 B10	Colour	Switching	Order Code			
16W	360°	3000K	Clear	1030 lm	> 80	105,000 hrs	Anthracite	Standard	LHT0382			
								DALI	LHT0389			
				Milky	845 lm	> 80	105,000 hrs	Anthracite	PIR DALI	LHT0397		
									Standard	LHT0385		
					4000K	Clear	1160 lm	> 80	105,000 hrs	Anthracite	DALI	LHT0393
				PIR DALI							LHT0401	
				Milky	980 lm	> 80	105,000 hrs	Anthracite	Standard	LHT0356		
									DALI	LHT0391		
				4000K	Clear	720 lm	> 80	105,000 hrs	White	PIR DALI	LHT0399	
										Standard	LHT0384	
				Milky	510 lm	> 80	105,000 hrs	Anthracite	PIR DALI	LHT0400		
									Standard	LHT0387		
				3000K	Clear	640 lm	> 80	105,000 hrs	Anthracite	DALI	LHT0395	
										PIR DALI	LHT0403	
		180°	3000K	Clear	640 lm	> 80	105,000 hrs	Anthracite	Standard	LHT0889		
										DALI	LHT0891	
					Milky	510 lm	> 80	105,000 hrs	Anthracite	PIR DALI	LHT0893	
										Standard	LHT0901	
				4000K	Clear	720 lm	> 80	105,000 hrs	Anthracite	DALI	LHT0903	
										PIR DALI	LHT0905	
			Milky	590 lm	> 80	105,000 hrs	Anthracite	Standard	LHT0895			
								DALI	LHT0897			
			4000K	Clear	720 lm	> 80	105,000 hrs	Anthracite	PIR DALI	LHT0899		
									Standard	LHT0907		
			Milky	590 lm	> 80	105,000 hrs	Anthracite	DALI	LHT0909			
								PIR DALI	LHT0911			

- 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
- Concealed LED arrangement, low glare from direct light

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	IK09	5 years

ALVA Bollards - 940mm Accessories

Description	Order Code
Optional Ground Anchor - Galvanised	LHT0886

ALVA Bollards - 700mm



Wattage	Beam	LED Colour	Lens	Luminous Flux	CRI	Rated Life L70 B10	Colour	Switching	Order Code
7W	360°	3000K	Clear	530 lm	> 80	105,000 hrs	Anthracite	Standard	LHT1006
			White		Standard		LHT1007		
		Milky	400 lm	> 80	105,000 hrs	Anthracite	Standard	LHT1010	
			White			Standard	LHT1011		
	4000K	Clear	560 lm	> 80	105,000 hrs	Anthracite	Standard	LHT1008	
			White			Standard	LHT1009		
		Milky	460 lm	> 80	105,000 hrs	Anthracite	Standard	LHT1012	
			White			Standard	LHT1013		

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	IK09	5 years

ALVA Bollards - 540mm



Wattage	Beam	LED Colour	Lens	Luminous Flux	CRI	Rated Life L70 B10	Colour	Switching	Order Code
16W	360°	3000K	Clear	1030 lm	> 80	105,000 hrs	Anthracite	Standard	LHT0769
			DALI	LHT0781					
		Milky	845 lm	> 80	105,000 hrs	Anthracite	Standard	LHT0765	
			DALI	LHT0777					
		4000K	Clear	1160 lm	> 80	105,000 hrs	Anthracite	Standard	LHT0770
				DALI	LHT0782				
			Milky	980 lm	> 80	105,000 hrs	Anthracite	Standard	LHT0766
				DALI	LHT0778				
	180°	3000K	Clear	640 lm	> 80	105,000 hrs	Anthracite	Standard	LHT0913
				DALI	LHT1061				
			Milky	510 lm	> 80	105,000 hrs	Anthracite	Standard	LHT0917
				DALI	LHT1062				
		4000K	Clear	720 lm	> 80	105,000 hrs	Anthracite	Standard	LHT0915
				DALI	LHT1063				
			Milky	590 lm	> 80	105,000 hrs	Anthracite	Standard	LHT0919
				DALI	LHT1064				

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	IK09	5 years

ALVA Bollards - 540mm Accessories

Description	Order Code
Optional Ground Anchor - Galvanised	LHT0886
Remote Control Mobil - PDi/DALI	LHT0556

BACK

ALVA Up/Down Lights



Wattage	Beam Angles	LED Colour	Luminous Flux	CRI	Rated Life L70 B10	Colour	Switching	Order Code
12W	2 x 13°	3000K	910 lm	> 80	125,000 hrs	Anthracite	Standard	LHT0405
		White				White	Standard	LHT0406
		4000K	1050 lm	> 80	125,000 hrs	Anthracite	Standard	LHT0407
		White				White	Standard	LHT0408
	2 x 28°	3000K	910 lm	> 80	125,000 hrs	Anthracite	Standard	LHT0792
		White				White	Standard	LHT0794
		4000K	1050 lm	> 80	125,000 hrs	Anthracite	Standard	LHT0793
		White				White	Standard	LHT0795
	2 x 50°	3000K	910 lm	> 80	125,000 hrs	Anthracite	Standard	LHT0796
		White				White	Standard	LHT0798
		4000K	1050 lm	> 80	125,000 hrs	Anthracite	Standard	LHT0797
		White				White	Standard	LHT0799

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

General Information

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

OL/OAL Wall Lights



Wattage	LED Colour	Luminous Flux	Beam Angle	Rated Life L70 B10	Colour	Switching	Order Code
14W	3000K	750 lm	90°	80,000 hrs	Black	Standard	LHT0297
					White		LHT0298
	5000K	770 lm	90°	80,000 hrs	Black	PIR	LHT0287
					White		LHT0288
25W	3000K	1430 lm	90°	80,000 hrs	Black	Standard	LHT0773
					White		LHT0774
					Black	PIR	LHT0775
					White		LHT0776
	5000K	1510 lm	90°	80,000 hrs	Black	Standard	LHT0299
					White		LHT0300
					Black	PIR	LHT0289
					White		LHT0290

- 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
14W	205 x 104 x 143	Powder-coated aluminium	Wall	IP55	3 years
25W	205 x 184 x 143				

Lighting and Sensors

Bulkheads and Industrial Lighting

Oyster LED



Wattage	Luminous Flux	Beam Spread (half intensity)	LED Colour	Colour	Microwave Sensor	Order Code
14W	800 lm	110°	4200K	Black	Yes	LHT0422
					No	LHT0222
				Cream	Yes	LHT0423
					No	LHT0223
20W	1150 lm	110°	4200K	Black	Yes	LHT0424
					No	LHT0224
				Cream	Yes	LHT0425
					No	LHT0225
24W	1400 lm	110°	4200K	Black	No	LHT0226
				Cream	No	LHT0227

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

Microwave Sensor Information

Detection	Range	Time On Adjustable	Dusk Control	Max. Switching
360° x 160°	Ø 8m	5 sec - 15 min	Yes	200W (LED)

General Information

Model	Dimensions Ø x H (mm)	Housing	Mounting	IP Rating	Impact Rating	Warranty
14W	300 x 100	UV-stabilised polycarbonate Stainless steel brackets	Universal	IP66	IK09	3 years
20W	350 x 100					
24W	400 x 100					

ALVA Bulkheads



Wattage	LED Colour	Luminous Flux	CRI	Rated Life L70 B10	Colour	Switching	Order Code
15W	3000K	745 lm	> 80	65,000 hrs	Anthracite	Standard	LHT0409
					White		LHT0410
					Anthracite	PIR	LHT0413
					White		LHT0414
	4000K	1005 lm	> 80	65,000 hrs	Anthracite	Standard	LHT0411
					White		LHT0412
					Anthracite	PIR	LHT0415
					White		LHT0416

- High output LED
- Dirt and graffiti repellent coating
- High quality aluminium, protected against sea air
- Twilight and manual override in PIR models
- Optional number set for use as a house number light
- High/low light output adjustable

PIR Information

Detection	Range (radius)
140° Forward	4m

General Information

Dimensions H x W x D (mm)	Housing	Mounting	Safety	IP Rating	Impact Protection	Warranty
200 x 250 x 75	Powder-coated aluminium	Wall or ceiling	Class I	IP65	IK09	5 years

ALVA Bulkheads Accessories

Description	Order Code
Number Set Decals: 1-999, a-f	LHT1080
Remote Control Mobil - PDi/Plus	LHT0557

Lighting and Sensors

Bulkheads and Industrial Lighting

Elite LED



Model	Wattage	Luminous Flux	LED Colour	Colour	PIR	Order Code
Portrait	16W	1390 lm	5700K	Black	Yes	LHT0337
					No	LHT0333
				White	No	LHT0334
Landscape	16W	1390 lm	5700K	Black	Yes	LHT0339
					Yes	LHT0340
				White	No	LHT0336

- A tough double skin construction ensures long lasting weather proofing
- Provides continuous low level courtesy lighting from dusk till dawn, boosting up to full output when movement is detected by the PIR sensor
- Select from portrait or landscape options to suit your application

PIR Information

Detection	Range	Time On Adjustable	Dusk Control	Manual Override
120° Forward	up to 12m	5 sec - 15 min	Yes	No

General Information

Model	Dimensions H x W x D (mm)	Housing	Safety	IP Rating	Warranty
Portrait	226 x 152 x 82	Polycarbonate (cover) Alloy (base)	Class I	IP55	3 years
Landscape	152 x 226 x 82				

Due to courtesy light feature, Elite LED should be master/master, and not master/slave, configured

LED Button



Description	Wattage	Luminous Flux	LED Colour	Colour	Order Code
Round	6W	480 lm	4000K	Black	LHT0255
				Silver	LHT0257
Oval	6W	480 lm	4000K	Silver	LHT0260
Round Bar	6W	480 lm	4000K	Black	LHT0261
				White	LHT0262
				Silver	LHT0263
Oval Bar	6W	480 lm	4000K	Black	LHT0264
				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					

Bulkheads and Industrial Lighting

Bulk LED



Model	Wattage	Luminous Flux	Colour	PIR	Order Code
Eyelid	6W	440 lm	White	Yes	LHT0200
Slim Trim	6W	440 lm	White	Yes	LHT0202
				No	LHT0243

- Longer life eco-efficient LED array
- Effectively replaces most incandescent options up to 75 watts
- Master/slave capable

PIR Information

Detection	Range	Time On Adjustable	Dusk Control	Manual Override	Switching
120° Forward	8m	7 sec - 6 min	Yes	No	1200W

General Information

Dimensions H x W x D (mm)	Housing	Mounting	Safety	IP Rating	Warranty
108 x 248 x 73	UV Polycarbonate Stainless Steel Screws	Wall or ceiling	Class II	IP44	3 years

WP-Compact



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

WP-Linear Max



Wattage	Luminous Flux	Beam Spread (half intensity)	LED Colour	CRI	Rated Life L70 B10	Colour	Order Code
60W	6300 lm	115°	4000K	> 80	40,000 hrs	Grey/Opal	LHT0418

- Robust polycarbonate housing suits most harsh environments
- High 100 lm/w luminaire output
- Faster termination access through rear at both ends
- Through wiring in place

General Information

Dimensions H x W x D (mm)	Housing	Mounting	Operating Temperature	Safety	IP Rating	Impact Protection	Warranty
1531 x 86 x 70	UV Polycarbonate Stainless Steel Brackets	Surface mount or suspended	-25°C - 40°C	Class II	IP65	IK08	3 years

Hi-Panel Hibay



Wattage	Luminous Flux	LED Colour	Beam Spread (half intensity)	CRI	Rated Life L70 B10	Colour	Order Code
150W	19500 lm	4000K	105°	85	64,000 hrs	White	LHT0380
200W	27000 lm	4000K	105°	85	64,000 hrs	White	LHT0381

- High output 130 lm/w
- 1-10V DC dimmable
- Fast fit 3 metre wire suspensions included
- Pre-wired 3 metre lead and plug

General Information

Model	Dimensions H x W x D (mm)	Weight	Housing	Operating Temperature	Safety	IP Rating	Impact Protection	Warranty
150W	577 x 473 x 60	4.5 kg	Extruded alloy Polycarbonate lens	-40°C - 50°C	Class I	IP20	IK08	5 years
200W	1094 x 359 x 60	6.7 kg						

Bulkheads and Industrial Lighting

Lumiqs Hibay



Wattage	Detection	Range	Time On Adjustable	Dusk Control	Manual Override	Rated Life L70 B10	Colour	Order Code
180W	360° Downward	16m @ 10m AFL	30 sec - 5 min	Yes	Yes	64,000 hrs	White	LHT0419
Programming Remote Control								LHT0329

- Rotatable LED light bars allow for easy conversion from wide area/aisle/crossroad/T-junction configuration
- Easily configured and adjusted via remote control
- Wireless communication between luminaires
- Group settable with unique control functions

Lamp Information

Luminous Flux	CRI	Beam Spread (adjustable \pm 30%)	LED Colour
23500 lm (100%) 3500 lm (standby function)	80	50°	4000K

Remote Control Additional Functions

- Grouping assignments (zone control)
- Daylight harvesting
- PIR sensitivity control
- Standby output
- Neighbour outputs (predictive activation)
- Walk test

PIR Information

Detection	Range	Time On Adjustable	Dusk Control	Manual Override
360° Downward	16m @ 10m AFL	30 sec - 5 min	Yes	Yes

General Information

Dimensions H x W x D (mm)	Housing	Mounting	Operating Temperature	Safety	IP Rating	Warranty
477 x 477 x 87	UV-stabilised polycarbonate Stainless steel brackets	Two-point suspension via Gripple™ (supplied)	-40°C - 45°C	Class II	AC IP65 DC IP44	7 years

EzyLED Outdoor Lite



Detection	Time Off Delay	Luminous Flux	Lighting Aim Adjustment	Battery	Colour	Order Code
4m	15 - 20 sec	15 lm	360°	3 x AA (supplied)	White	LHT0159

- Outdoor Lite is a battery operated LED spotlight with a built in motion sensor, for light when and where you need it
- No wiring require and can be installed in minutes
- 17 month battery life based on an average of 5 activations per day
- Suitable for indoor and outdoor use

General Information

IP Rating	Warranty
IP44	1 year

EzyLED Step Lite



Detection	Time Off Delay	Luminous Flux	Battery	Colour	Order Code
up to 3m	15 - 20 sec	15 lm	3 x AA (supplied)	White	LHT0160

- Step Lite is a battery operated DIY safety product. Ideally located wherever there is a risk of tripping or falling such as steps and stairs
- 17 months battery life based on average of 5 activations per night
- Suitable for indoor and outdoor use

General Information

IP Rating	Warranty
IP44	1 year

Battery Lighting

EzyLED Spot PIR



Model	Detection	Range	Time On Adjustable	Manual Override	Beam Spread	Luminous Flux	Battery	Colour	Order Code
Single	100°	up to 10m	15 - 20 sec	No	6m x 4m (each lamp)	50 lm	3 x AA (required)	Black	LHT0177
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

Strobe Lights



Lens Colour	Voltage	Current	Flashes/Min	Order Code
Red	240V AC	150 mA	75	LHT0062
	12V DC	150 mA	75	LHT0064
Replacement Lens - White				LHT0067

- Vandal resistant luminaire
- Universal mounting
- Reliable xenon lamp

General Information

Dimensions Ø x H (mm)	Housing	Connection	IP Rating	Warranty
100 x 92	ABS Resin Base Polycarbonate Lens	Flying Lead	IP44	3 years