

# ESSENTIAL ENERGY SAVING PRODUCTS

- Lamps & Luminaires
- Controls
- Heating
- Hand Dryers
- Heat Recovery & Ventilation
- Voltage Optimisation
- Variable Speed Drives
- Renewables
- **EV Charging Unit Testers**
- Lease Finance Solutions







YOUR ELECTRICAL EXPERTS

IN-BRANCH | CEF.CO.UK | TRADE CATALOGUE | APP





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At CEF we aspire to be a leader in our sector, and a force for good, with a focus on people, planet, and communities

# OUR **SUSTAINABILITY** AND SOCIAL VALUE achievements



### **CERTIFIED** for our earbon footprint and

social value contributions



Macmillan Cancer Support



#### we are the only electrical distributor to have an

in-house recycling division - Waste Experts



in volunteer time and donations in the 12 months ending 30th April 2023



committed to medical research into neurological disorders in the 12 months ending 30th April 2023



#### **OVER £314.000** RAISED

supporting the Electrical Industries Charity (EIC) in the 12 months ending 30th April 2023









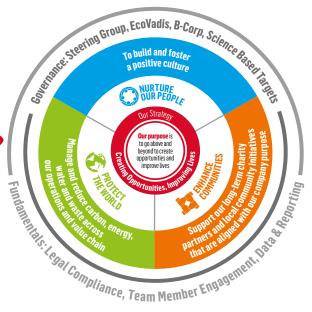
# OUR SUSTAINABILITY AND SOCIAL VALUE trategy

Our susta

Our sustainability and social value strategy "Creating Opportunities, Improving Lives" is the roadmap we are using to guide our progress.

At CEF we're committed to nurture our people, protect the world and enhance communities, building a sustainable business that we can all continue to be proud of.

**Connor Dalton,** Director of ESG & Sustainability





# 9.5W ESSENTIAL LED GLS LAMPS

- Suitable replacement for 60W filament lamps
- Finish: Opal
- Lamp life: 15,000 hrs



Code	Cap	Lumens 1+		10+			
Non-Dimmable – Warm White – 2700K							
2703-2164	BC / B22	900 lm	£4.25	£4.05			
2703-2176	ES / E27	900 lm	£4.25	£4.05			
Dimmable – Warm White – 2700K							
2703-2173	BC / B22	900 lm	£5.65	£5.25			
2703-2185	ES / E27	900 lm	£5.65	£5.25			

### kgC02e SAVING

UP 156.80 OVER 15,000 hrs

## **YOU SAVE**

UP **£212.**10 OVER 15,000 hrs

#### **ENERGY SAVING COMPARISON:**

9.5W LED GLS vs 60W Incandescent

# 6W LED FILAMENT GLS LAMPS

- Suitable replacement for 40W filament lamps
- Finish: Clear
- Lamp life: 15,000 hrs



Code	Сар	Lumens 1+		10+
Non-Dimma	ble – Warm \	White – 2700K		
1953-4174	BC / B22	810 lm	£5.85	£5.35
1953-4177	ES / E27	810 lm	£5.85	£5.35
Dimmable –	Warm White	e – 2700K		
2057-0767	BC / B22	810 lm	£7.40	£7.10
2057-0770	ES / E27	810 lm	£7.40	£7.10

#### kgC02e SAVING

UP 105.57 OVER 15,000 kgC02e hrs

#### **YOU SAVE**

UP **£142.80** OVER 15,000 hrs

#### **ENERGY SAVING COMPARISON:**

6W LED GLS vs 40W Incandescent

# 8.5W LED GLS LAMPS

- Suitable replacement for 60W filament lamps
- Finish: Opal
- Lamp life: 25,000 hrs



Code	Cap	Lumens	1+	10+
Non-Dimma	ble – Warm V	Vhite – 2700K		
2703-2023	BC / B22	810 lm	£5.95	£5.50
2703-2041	ES / E27	810 lm	£5.95	£5.50
Dimmable –	Warm White	-2700K		
2703-2035	BC / B22	810 lm	£7.50	£6.95
2703-2053	ES / E27	810 lm	£7.50	£6.95

### kgC02e SAVING

UP 266.51 OVER 25,000 hrs

#### **YOU SAVE**

UP **£360.50** OVER 25,000 hrs

#### **ENERGY SAVING COMPARISON:**

8.5W LED GLS vs 60W Incandescent





# **6W ESSENTIAL LED CANDLE LAMPS**

- Suitable replacement for 40W filament lamps
- Finish: Opal
- Lamp life: 15,000 hrs



1 YEAR

FROM

Code	Сар	Lumens 1+		10+		
Non-Dimmable – Warm White – 2700K						
2142-0949	SBC / B15	525 lm	£4.15	£3.85		
2142-0943	BC / B22	525 lm	£4.15	£3.85		
2142-0952	SES / E14	525 lm	£4.15	£3.85		
2142-0946	ES / E27	525 lm	£4.15	£3.85		
Dimmable –	Warm White	– 2700K				
2561-9173	BC / B22	525 lm	£5.25	£4.75		
2561-9179	SES / E14	525 lm	£5.25	£4.75		
2561-9176	ES / E27	525 lm	£5.25	£4.75		

#### kgC02e SAVING

**YOU SAVE** 

**OVER** 15,000 hrs

**ENERGY SAVING COMPARISON:** 

6W LED Candle vs 40W Incandescent

# **4W LED FILAMENT CANDLE LAMPS**

- Suitable replacement for 40W filament lamps
- Finish: Clear

■ Lamp life: 15,000 hrs



FROM

Code	Cap	Lumens	1+	10+
Non-Dimmal	ole – Warm W	hite – 2700K		
2703-2098	SBC / B15	470 lm	£3.75	£3.45
2703-2080	BC / B22	470 lm	£3.75	£3.45
2703-2107	SES / E14	470 lm	£3.75	£3.45
2703-2089	ES / E27	470 lm	£3.75	£3.45
Dimmable –	Warm White	– 2700K		
2703-2104	SBC / B15	470 lm	£5.50	£4.95
2703-2086	BC / B22	470 lm	£5.50	£4.95
2703-2113	SES / E14	470 lm	£5.50	£4.95
2703-2095	ES / E27	470 lm	£5.50	£4.95

#### kgC02e SAVING

**OVER** 15,000 hrs

**YOU SAVE** 

**OVER** 15,000 hrs

#### **ENERGY SAVING COMPARISON:**

4W LED Candle vs 40W Incandescent

# **5W LED CANDLE LAMPS**

- Suitable replacement for 40W filament lamps
- Finish: Opal
- Lamp life: 25,000 hrs



**FROM** 

Code	Cap	Lumens	1+	10+			
Non-Dimmal	Non-Dimmable – Warm White – 2700K						
1750-8178	SBC / B15	470 lm	£4.60	£4.25			
1750-8166	BC / B22	470 lm	£4.60	£4.25			
1750-8184	SES / E14	470 lm	£4.60	£4.25			
1750-8172	ES / E27	470 lm	£4.60	£4.25			
Dimmable –	Warm White	– 2700K					
1750-8181	SBC / B15	470 lm	£5.85	£5.35			
1750-8169	BC / B22	470 lm	£5.85	£5.35			
1750-8187	SES / E14	470 lm	£5.85	£5.35			
1750-8175	ES / E27	470 lm	£5.85	£5.35			

#### kqC02e SAVING

OVER 25,000 hrs

**YOU SAVE** 

**OVER** 25,000

#### **ENERGY SAVING COMPARISON:**

5W LED Candle vs 40W Incandescent



# 5W ESSENTIAL LED GU10 LAMPS - PACK OF 10

- Suitable replacement for 50W halogen lamps
- Beam angle: 38°
- Lamp life: 20,000 hrs



Code	Lumens	Colour Temp	Equivalent Price Each	1+
Non-Dimma	ble			
2388-1249	350 lm	Warm White – 3000K	£2.00	£19.95
2399-8585	350 lm	Cool White - 4000K	£2.00	£19.95
2399-8588	350 lm	Daylight – 6000K	£2.00	£19.95
Dimmable				
2629-6231	500 lm	Warm White – 3000K	£2.50	£24.95
2629-6225	500 lm	Cool White - 4000K	£2.50	£24.95
2629-6228	500 lm	Davlight - 6000K	£2.50	£24.95

### kgC02e SAVING

UP 186.30 OVER 20,000 hrs

### **YOU SAVE**

TO **£252.**00 OVER 20,000 hrs

#### **ENERGY SAVING COMPARISON:**

5W LED GU10 vs 50W Halogen

# **5W LED GU10 LAMPS**

- Suitable replacement for 50W halogen lamps
- Beam angle: 38°
- Lamp life: 25,000 hrs



3 YEARS GUARANTEE

FROM £3.30 £VAT

Code	Lumens	Colour Temp	1+	10+		
Non-Dimmable						
2090-6851	500 lm	Warm White – 3000K	£3.30	£3.05		
2090-6839	510 lm	Cool White – 4000K	£3.30	£3.05		
2090-6845	520 lm	Daylight – 6000K	£3.30	£3.05		
Dimmable						
2090-6854	500 lm	Warm White – 3000K	£5.50	£5.00		
2090-6842	510 lm	Cool White – 4000K	£5.50	£5.00		
2090-6848	520 lm	Daylight – 6000K	£5.50	£5.00		

### kgC02e SAVING

UP **232.88** OVER 25,000 hrs

## **YOU SAVE**

UP **£315.00** OVER 25,000 hrs

#### **ENERGY SAVING COMPARISON:**

5W LED GU10 vs 50W Halogen















# **8W G24 LED LAMPS**

- Suitable replacement for 18 and 26W compact fluorescent lamps
- Rotating end cap
- Lamp life: 25,000 hrs





Code	Сар	Length	Lumens	1+	10+
Non-Dimmab	ile – Cool White -	-4000K			
2275-5286	G24 2 Pin	145 mm	800 lm	£14.95	£14.50
2275-5325	G24 4 Pin	145 mm	800 lm	£14.95	£14.50

## kgC02e SAVING

UP 124.20 OVER 25,000 hrs

## **YOU SAVE**

<sup>UP</sup> £168.00

OVER 25,000 hrs

#### **ENERGY SAVING COMPARISON:**

8W LED Compact vs 26W Compact & Control Gear (6W)

# **LED 2D LAMPS**

- Suitable replacement for 16, 28 and 38W compact fluorescent 2D lamps
- Lamp life: 30,000 hrs



Code	Wattage	Сар	Lumens	1+	10+			
Non-Dimmable – Cool White – 4000K								
2123-0989	8W	GR8 2 Pin	800 lm	£16.75	£15.50			
2123-0992	8W	GR10q 4 Pin	800 lm	£16.75	£15.50			
2123-0980	14W	GR8 2 Pin	1400 lm	£19.95	£18.50			
2123-0983	14W	GR10q 4 Pin	1400 lm	£19.95	£18.50			
2123-0986	18W	GR10q 4 Pin	2000 lm	£24.50	£22.75			

## kgC02e SAVING

UP 186.30 OVER 30,000 hrs

## **YOU SAVE**

UP **£252.00** OVER 30,000 hrs

ENERGY SAVING COMPARISON: 18W LED 2D vs 38W 2D & Control Gear (10W)

# **LAMPS**

# FUSI Lamps

# LED RETROFIT DISCHARGE LAMPS

- Suitable replacement for HID lamps
- Lamp life: 25,000 hrs





Code	Wattage	Cap	Beam Angle	Length	Ø	Lumens	Replacement For	1+
Non-Dimmab	ıle – Daylight –	· 6500K – Suital	ble for Bollards,	Bulkheads a	nd Lanterns			
1414-1569	11W	ES / E27	300°	165 mm	65 mm	1150 lm	70W HID	£42.95
2253-2830	15W	ES / E27	300°	165 mm	65 mm	1575 lm	70W HID	£46.50
Non-Dimmab	ıle – Daylight –	· 6000K – Suital	ble for Lowbays,	Highbays, Fl	oodlights an	d Lanterns		
2448-1897	20W	ES / E27	300°	178 mm	93 mm	2600 lm	70W HID	£43.95
2448-1903	30W	ES / E27	300°	188 mm	93 mm	3900 lm	70 - 150W HID	£54.95
2448-1900	30W	GES / E40	300°	208 mm	93 mm	3900 lm	70 - 150W HID	£54.95
2448-1906	60W	GES / E40	300°	280 mm	93 mm	8000 lm	250W HID	£65.95
2448-1909	85W	GES / E40	300°	285 mm	106 mm	11000 lm	250 - 400W HID	£79.95
2448-1891	100W	GES / E40	300°	288 mm	120 mm	13000 lm	250 - 400W HID	£88.95
2448-1894	120W	GES / E40	300°	308 mm	120 mm	15000 lm	400W HID	£103.95

3 YEARS GUARANTEE

FROM £42.95

kgC02e SAVING

UP 1,863.00 OVER 25,000 hrs

**YOU SAVE** 

UP **£2,520.**00 OVER 25,000 hrs

ENERGY SAVING COMPARISON: 85W LED HID vs 400W HID & Control Gear [45W]









# **LED T8 GLASS TUBES**

- Suitable replacement for fluorescent tubes
- Complete with LED starter for use in switch start retrofit installations
- Beam angle: 300°
- Lamp life: 25,000 hrs



FROM £6.75 £VAT

Code	Length	Wattage	Lumens	1+	5+
Non-Dimma	ble – Cool White –	4000K			
2096-0905	2 ft	9W	900 lm	£6.75	£6.15
2096-0911	3 ft	14W	1500 lm	£8.75	£7.95
2096-0923	4 ft	18W	1950 lm	£11.05	£10.25
2096-0932	5 ft	24W	2600 lm	£13.25	£12.25
2096-0938	6 ft	30W	3400 lm	£22.50	£21.50

YOU SAVE
UP **£336.**00 OVER 25,000 hrs

**LED T8 POLYCARBONATE TUBE** 

- Suitable replacement for fluorescent tubes
- Complete with LED starter for use in switch start retrofit installations
- Beam angle: 200°
- Lamp life: 25,000 hrs

ONLY
42.75
GUARANTEE

GUARANTEE

Code	Length	Wattage	Lumens	1+	5+
Non-Dimma	ble – Cool White –	4000K			
1953-4204	8 ft	36W	3900 lm	£42.75	£39.95

**ENERGY SAVING COMPARISON:** 

30W LED T8 Tube vs 70W T8 & Control Gear (8W)

UP **248.40** OVER 25,00 hrs

kgC02e SAVING



# LED T8 COLOUR SELECTABLE GLASS TUBES

- Suitable replacement for fluorescent tubes
- Selectable colour temperature: Warm white 3000K, cool white 4000K and daylight 6500K
- Complete with LED starter for use in switch start retrofit installations
- Beam angle: 300°
- Lamp life: 25,000 hrs



**FROM** 

### kqC02e SAVING

UP 217.35 OVER 25,000 hrs

#### **YOU SAVE**

 $\mathop{\hbox{UP}}_{\text{T0}}\,\mathop{\text{\fontfamily}}_{\text{25,000}}^{\text{0VER}}\,_{\mathop{\hbox{\scriptsize hrs}}}^{25,000}$ 

#### **ENERGY SAVING COMPARISON:**

24W LED T8 CCT Tube vs 58W T8 & Control Gear (8W)

Code	Length	Wattage	Lumens	1+	5+
Non-Dimmak					
2772-8017	2 ft	9W	945 lm / 990 lm / 990 lm	£7.95	£7.50
2772-8020	3 ft	14W	1540 lm / 1680 lm / 1680 lm	£9.50	£8.95
2772-8023	4 ft	18W	1980 lm / 2160 lm / 2160 lm	£11.95	£11.50
2772-8026	5 ft	24W	2640 lm / 2880 lm / 2880 lm	£13.95	£12.95
2772-8029	6 ft	30W	3300 lm / 3600 lm / 3600 lm	£26.95	£25.95

# **LED T5 GLASS TUBES**

- Suitable replacement for fluorescent tubes
- Beam angle: 200°
- Lamp life: 25,000 hrs



### kgC02e SAVING

UP 103.50 OVER 25,000 hrs

### **YOU SAVE**

UP **£140.00** OVER 25,000 hrs

#### **ENERGY SAVING COMPARISON:**

20W LED T5 Tube vs 35W T5 & Control Gear (5W)



Code	Length	Wattage	Lumens	1+	10+
Non-Dimmab	le – Cool White –	4000K			
2772-8041	2ft	8W	880 lm	£9.75	£9.25
2772-8032	3 ft	12W	1320 lm	£9.25	£11.50
2772-8035	4 ft	16W	1760 lm	£13.50	£12.95
2772-8038	5 ft	20W	2200 lm	£15.50	£14.95



# 2W LED G4 CAPSULE LAMPS

- Suitable replacement for 10 and 20W halogen lamps
- Lamp life: 15,000 hrs
- Pack of 2



# NEW



Code	Lumens	1+	10+					
Non-Dimmable – Warm White – 3000K								
2196-2761	200 lm	£9.25	£8.75					
Non-Dimma	ble – Cool White – 400	DOK						
2247-2401	200 lm	£9.25	£8.75					

## kgC02e SAVING

UP **55.89** OVER 15,000 hrs

	YOU SAVE	
UP TO	£75.60	OVER 15,000 hrs

#### **ENERGY SAVING COMPARISON:**

2W LED G4 vs 20W Halogen G4

# 3.3W LED G9 CAPSULE LAMPS

- Suitable replacement for 40W halogen lamps
- Lamp life: 15,000 hrs
- Pack of 2



# NEW

0	NLY
	0.25
£	+VAT

Code	Lumens	1+	10+					
Non-Dimmable – Warm White – 3000K								
2196-2764	350 lm	£9.25	£8.75					
Non-Dimmat	ole – Cool White – 400	DOK						
2247-2404	350 lm	£9.25	£8.75					

## kgCO2e SAVING

UP 113.95 OVER 15,000 hrs

# VOU SAVE UP **£154.14** OVER 15,000 hrs

#### **ENERGY SAVING COMPARISON:**

3.3W LED G9 Vs 40w Halogen G9

# GY6.35 LED CAPSULE LAMPS

- Suitable replacement for 35 and 50W halogen lamps
- Lamp life: 15,000 hrs



Code	Wattage	Lumens	1+	10+
Non-Dimma	ble – Warm '	White – 270		
2786-2006	2.6W	300 lm	£6.50	£5.95
2786-2012	4W	470 lm	£7.25	£6.75
Non-Dimmal	ble – Cool W	/hite – 4000		
2786-2003	2.6W	300 lm	£6.50	£5.95
2786-2009	4W	470 lm	£7.25	£6.75

## kgC02e SAVING

UP 142.83 OVER 15,000 hrs

UP **£193.20** OVER 15,000 hrs

#### **ENERGY SAVING COMPARISON:**

4W LED G4 vs 50W Halogen GY6.35

# **LED TRI-COLOUR BATTENS IP20**

- Steel body with powder-coated finish
- Polycarbonate UV stabilised diffuser
- Quick-release access system
- Ideal retrofit option for existing T8 or T5 fixtures
- Integrated LED
- Colour temperature: Warm white 3000K, cool white 4000K and daylight 6500K

#### Microwave features:

- Detection angle [ceiling]: 360° [wall]: 150°
- Detection range: 10 m
- Timer adjustment: 5 secs / 30 secs / 90 secs / 5 mins / 20 mins or 30 mins

#### ■ Lamp life: 50,000 hrs

- Dimensions: 72 mm[W] x 72.5 mm[D]
- Mounted: Surface or suspended

Includes:

■ Safety cords to LED tray

Code	Size	Wattage	Sensor	Lumens	Length		Price	
Standard								
2756-5063	2ft	10W	-	1200 lm	600 mm	1+	<b>£29.95</b> 10+	£28.50
2756-5066	4 ft	20W	-	2400 lm	1200 mm	1+	£30.95 10+	£29.50
2756-5081	5 ft	30W	-	3600 lm	1500 mm	1+	£34.95 10+	£33.50
2756-5093	5 ft	30W	Microwave	3600 lm	1500 mm	1+	£53.95 10+	£51.95
2756-5111	6 ft	40W	-	4800 lm	1800 mm	1+	<b>£44.95</b> 10+	£43.50
Standard – I	High Ou	tput						
2756-5075	4 ft	40W	-	4800 lm	1200 mm	1+	<b>£46.75</b> 10+	£45.25
2756-5099	5 ft	60W	-	7200 lm	1500 mm	1+	£44.95 10+	£43.50
2756-5105	5 ft	60W	Microwave	7200 lm	1500 mm	1+	<b>£74.95</b> 10+	£72.95
2756-5117	6 ft	67W	-	8040 lm	1800 mm	1+	£63.50 10+	£61.95
3 hr Maintai	ined Em	ergency						
2756-5072	4 ft	20W	-	2400 lm	1200 mm	1+	<b>£74.95</b> 3+	£72.95
2756-5087	5 ft	30W	-	3600 lm	1500 mm	1+	£79.95 3+	£77.95
2756-5096	5 ft	30W	Microwave	3600 lm	1500 mm	1+	<b>£94.95</b> 3+	£92.95
2756-5114	6 ft	40W	-	4800 lm	1800 mm	1+	£84.95 3+	£82.95
3 hr Maintai	ined Em	ergency – l	High Output					
2756-5078	4 ft	40W	-	4800 lm	1200 mm	1+	<b>£87.50</b> 3+	£85.50
2756-5102	5 ft	60W	-	7200 lm	1500 mm	1+	<b>£89.95</b> 3+	£87.95
2756-5108	5 ft	60W	Microwave	7200 lm	1500 mm	1+	£109.95 3+	£107.95
2756-5120	6 ft	67W	-	8040 lm	1800 mm	1+	<b>£99.95</b> 3+	£97.95







FUSI N

Visit cef.co.uk for video demonstration

1 YEAR On-Site Warranty

5 YEARS GUARANTEE [2 YEARS EMERGENCY]

kgC02e SAVING

UP 372.60 50,000 trs

YOU SAVE

UP **£504**.00 OVER 50,000 hrs

ENERGY SAVING COMPARISON: 30W LED Batten vs 58W T8 Fluorescent Lamp & Control Gear [8W]

FROM **29.95** 









# **LED NON-CORROSIVE FITTINGS IP65**

- Polycarbonate body and purpose-designed opal diffuser
- Integrated LED
- Colour temperature: Cool white 4000K
- Lamp life: 50,000 hrs
- Mounted: Surface or suspended

#### Includes:

- Stainless steel fixing clips
- Gear tray extension cords

#### Microwave features:

- Detection angle [ceiling]: 360° [wall]: 150°
- Detection range: 10 m
- Timer adjustment: 5 secs, 30 secs, 90 secs, 5 mins, 20 mins or 30 mins

Code	Size	Wattage	Lumens	Length	Width	Depth	1+	10+
	Size	Wallage	Luillells	Length	Wiutii	Dehrii	I <sup>†</sup>	IUT
Standard	0.6		****	200				
2613-7831	2 ft	9W	1100 lm	600 mm	96 mm	79 mm	£29.50	£27.95
2613-7894	4 ft	18W	2200 lm	1200 mm	96 mm	79 mm	£35.50	£33.95
2613-7846	5 ft	23W	2800 lm	1500 mm	96 mm	79 mm	£39.50	£37.95
2613-7858	6 ft	27W	3200 lm	1800 mm	96 mm	83 mm	£49.95	£48.50
Standard – H	ligh Out	tput						
2613-7834	2 ft	18W	2200 lm	600 mm	96 mm	79 mm	£34.95	£33.25
2613-7840	4 ft	40W	4800 lm	1200 mm	96 mm	79 mm	£44.25	£42.50
2613-7852	5 ft	48W	5800 lm	1500 mm	96 mm	79 mm	£47.50	£45.75
2613-7864	6 ft	55W	6600 lm	1800 mm	96 mm	83 mm	£69.50	£67.75
Standard – M	licrowa	ve Sensor						
2726-9278	5 ft	23W	2800 lm	1500 mm	96 mm	79 mm	£51.50	£49.95
0700 0070	- ··		F0001		00		00/ 50	
2726-9272	5 ft	48W	5800 lm	1500 mm	96 mm	79 mm	£64.50	£62.75
2126-9212 Code	5 ft Size	48W Wattage	Lumens	Length	96 mm Width	79 mm Depth	£64.50	£62.75
	Size	Wattage						
Code	Size	Wattage						
Code 3 hr Maintair	Size ned Em	Wattage ergency	Lumens	Length	Width	Depth	1+	3+
Code 3 hr Maintair 2613-7837	Size ned Em 4 ft	Wattage ergency 18W	Lumens 2200 lm	Length 1200 mm	Width 96 mm	Depth 79 mm	£78.95	3+ £76.95
Code 3 hr Maintair 2613-7837 2613-7849	Size ned Em 4 ft 5 ft 6 ft	Wattage ergency 18W 23W 27W	2200 lm 2800 lm 3200 lm	1200 mm 1500 mm 1800 mm	Width 96 mm 96 mm	Depth 79 mm 79 mm	£78.95 £89.95	3+ £76.95 £87.95
Code 3 hr Maintair 2613-7837 2613-7849 2613-7861	Size ned Em 4 ft 5 ft 6 ft	Wattage ergency 18W 23W 27W	2200 lm 2800 lm	1200 mm 1500 mm 1800 mm	Width 96 mm 96 mm	Depth 79 mm 79 mm	£78.95 £89.95	3+ £76.95 £87.95
Code 3 hr Maintain 2613-7837 2613-7849 2613-7861 3 hr Maintain	Size ned Em 4ft 5ft 6ft ned Em	Wattage ergency 18W 23W 27W ergency –	2200 lm 2800 lm 3200 lm High Outpu	1200 mm 1500 mm 1800 mm	96 mm 96 mm 96 mm	79 mm 79 mm 83 mm	£78.95 £89.95 £99.95	£76.95 £87.95 £97.95
Code 3 hr Maintain 2613-7837 2613-7849 2613-7861 3 hr Maintain 2613-7843	Size ned Em 4ft 5ft 6ft ned Em 4ft	Wattage ergency 18W 23W 27W ergency – 40W	2200 lm 2800 lm 3200 lm High Outpu 4800 lm	1200 mm 1500 mm 1800 mm it	96 mm 96 mm 96 mm	79 mm 79 mm 83 mm	£78.95 £89.95 £99.95	£76.95 £87.95 £97.95
Code 3 hr Maintain 2613-7837 2613-7849 2613-7861 3 hr Maintain 2613-7843 2613-7855 2613-7867	Size  4 ft 5 ft 6 ft  4 ft 5 ft 6 ft  6 ft  5 ft	wattage ergency 18W 23W 27W ergency – 40W 48W 55W	2200 lm 2800 lm 3200 lm High Outpu 4800 lm 5800 lm	1200 mm 1500 mm 1800 mm it 1200 mm 1500 mm 1800 mm	96 mm 96 mm 96 mm 96 mm	79 mm 79 mm 83 mm 79 mm 79 mm	£78.95 £89.95 £99.95 £88.95 £99.95	3+ £76.95 £87.95 £97.95 £86.50 £97.50
Code 3 hr Maintain 2613-7837 2613-7849 2613-7861 3 hr Maintain 2613-7843 2613-7855	Size  4 ft 5 ft 6 ft  4 ft 5 ft 6 ft  6 ft  5 ft	wattage ergency 18W 23W 27W ergency – 40W 48W 55W	2200 lm 2800 lm 3200 lm High Outpu 4800 lm 5800 lm 6600 lm	1200 mm 1500 mm 1800 mm it 1200 mm 1500 mm 1800 mm	96 mm 96 mm 96 mm 96 mm	79 mm 79 mm 83 mm 79 mm 79 mm	£78.95 £89.95 £99.95 £88.95 £99.95	\$\frac{\pmatrix}{\pmatrix}\frac\pmatrix}\frac{\pmatrix}{\pmatrix}\frac{\pmatrix}{\pmatrix}\frac\
Code 3 hr Maintain 2613-7837 2613-7849 2613-7861 3 hr Maintain 2613-7843 2613-7855 2613-7867 3 hr Maintain	Size ned Em 4 ft 5 ft 6 ft ned Em 4 ft 5 ft 6 ft ned Em	Wattage ergency 18W 23W 27W ergency – 40W 48W 55W	2200 lm 2800 lm 3200 lm 3200 lm High Outpu 4800 lm 5800 lm 6600 lm	1200 mm 1500 mm 1800 mm it 1200 mm 1500 mm 1800 mm Sensor	96 mm 96 mm 96 mm 96 mm 96 mm 96 mm	79 mm 79 mm 83 mm 79 mm 79 mm 79 mm 83 mm	£78.95 £89.95 £99.95 £88.95 £99.95 £109.95	3+ £76.95 £87.95 £97.95 £86.50 £97.50





# **LED LINEAR VAPOUR PROOF** FITTINGS IP65

- Slim extruded single-piece polycarbonate body and opal diffuser
- Integrated LED
- Colour temperature: Cool white 4000K
- Lamp life: 25,000 hrs
- Dimensions: 53 mm[W] x 35 mm[D]
- Mounted: Surface or suspended

# 5.5W LED FIRE RATED TRI-COLOUR DOWNLIGHT IP65

- Range: LED FRD
- Selectable colour temperature: Warm white 3000K, cool white 4000K and daylight 6000K
- Colour selectable via switch located underneath the bezel
- Lumen output: 450 lm / 500 lm / 500 lm
- Integral driver and separate prewired loop in / out plug-and-play connector
- Dimmable
- Fire rated: 30, 60 and 90 mins
- Lamp life: 25,000 hrs



3 YEARS









Code	Finish	Beam Angle	Depth	Ø	Cut Out Ø	1+	10+
Bezel Includ	ed						
2743-9417	White	60°	56 mm	87 mm	70 - 75 mm	£16.50	£15.95

kgCO2e SAVING					
UP TO	230.29 kgC02e	OVER 25,000 hrs			

	YOU SAVE						
UP TO	£311.50	OVER 25,000 hrs					

#### **ENERGY SAVING COMPARISON:**

5.5W LED Downlight vs 50W Halogen











#### Includes:

- Stainless steel fixing clips
- Entry gland
- Ouick-fit terminals

Code	Size	Wattage	Lumens	Length	1+	10+
Single						
2607-5575	4 ft	36W	3600 lm	1261 mm	£23.75	£22.75
2607-5578	5 ft	45W	4500 lm	1541 mm	£27.95	£26.95
2607-5581	6 ft	60W	6000 lm	1841 mm	£42.50	£41.50

### kgC02e SAVING

# **YOU SAVE** 25.000

#### **ENERGY SAVING COMPARISON:**

60W LED Vapour Proof Vs 70w T8 Fluorescent Lamp & Control Gear (8W)



# 4.5W / 5.5W / 7.5W LED FIRE RATED TRI-COLOUR DOWNLIGHT IP65

- Range: LED FRD
- Selectable colour temperature: Warm white 3000K, cool white 4000K and daylight 6500K
- Colour selectable via switch located underneath the bezel
- Wattage selectable via switch located on the integral driver
- Lumen output [4.5W]: 400 lm / 430 lm / 400 lm

[5.5W]: 500 lm / 550 lm / 500 lm

[7.5W]: 600 lm / 700 lm / 600 lm

- Integral driver and separate prewired loop in / out plug-and-play connector
- Dimmable
- Fire rated: 30, 60 and 90 mins
- Lamp life: 30,000 hrs



**YOU SAVE OVER** 30,000

#### **ENERGY SAVING COMPARISON:**

2743-9414







10+

£19.50

**5 YEARS** 

#### 5.5W LED Downlight vs 50W Halogen Finish Code Beam Angle Depth Cut Out Ø 600 56 mm 70 - 75 mm £19.95

87 mm

# **ALSO AVAILABLE...**

White

■ Metal bezels for use with Fusion downlights – [2743-9417] and [2743-9414] only

Code	Finish	1+	10+
2743-9093	Anthracite	£2.95	£2.75
2743-9096	Black	£2.95	£2.75
2743-9099	Chrome	£2.95	£2.75

Code	Finish	1+	10+
2743-9102	Polished Brass	£2.95	£2.75
2743-9105	Satin Nickel	£2.95	£2.75
2743-9108	White	£2.95	£2.75





# **LED LOW PROFILE COMMERCIAL DOWNLIGHTS IP20**

- Low profile recessed downlight with opal polycarbonate diffuser
- Ideal replacement for existing CFL fixtures
- Mounted: Recessed
- Lamp life: 25,000 hrs

#### Includes:

■ Plug-and-play driver

Code	Wattage	Lumens	Depth	Ø	Cut Out Ø	1+	10+
Cool White - 4000K							
2634-4567	6W	450 lm	21 mm	128 mm	115 mm	£10.50	£9.95
2634-4558	12W	900 lm	21 mm	170 mm	150 mm	£14.25	£13.75
2634-4561	18W	1600 lm	21 mm	229 mm	210 mm	£16.95	£16.25
2634-4564	24W	1900 lm	21 mm	298 mm	280 mm	£26.95	£26.25

## kgC02e SAVING

## **YOU SAVE**

UP **£322.00** 

OVER 25,000

#### **ENERGY SAVING COMPARISON:**

18W LED Downlight vs 2 x 26W Compact & Control Gear [12W]



2 YEARS













# 36W BACKLIT LED TP[a] PANELS IP20

- Aluminium body with low glare opal polycarbonate TP[a] diffuser
- Mounted: Recessed
- Lamp life: 50,000 hrs

#### Includes:

■ Plug-and-play driver

Code	Lumens	Length	Width	Depth	1+	10+			
Non-Dimmab	Non-Dimmable – Warm White – 3000K								
2676-5536	3820 lm	595 mm	595 mm	34 mm	£25.95	£24.95			
Non-Dimmab	le – Cool White – 4								
2676-5530	3820 lm	595 mm	595 mm	34 mm	£25.95	£24.95			
Non-Dimmab	Non-Dimmable - Daylight - 6500K								
2676-5533	3820 lm	595 mm	595 mm	34 mm	£25.95	£24.95			

### kgC02e SAVING

UP **538.20** OVER 50,00 hrs

#### **ENERGY SAVING COMPARISON:**

36W LED Panel Vs 4x18W Fluorescent Lamps & Control Gear (16W)

# **YOU SAVE**

UP **£728.00** OVER 50,000 hrs

1 YEAR ON-SITE

5 YEARS GUARANTEE

ONLY £25.95

12W / 16W KLIP LED TRI-COLOUR **BULKHEADS IP65** 

- LED Bulkhead with opal diffuser
- Selectable colour temperature: Warm white 3000K, cool white 4000K or daylight 6500K
- Switch located on the driver takes the fitting down to 12W for increased energy savings
- Lumen output [12W]: 1,200 1,300 lm [16W]: 1,600 - 1,700 lm
- Lamp life: 30,000 hrs

#### Microwave features:

- Detection angle: 360°
- Detection range: 12 m
- Timer adjustment: 0 20 mins

#### Includes:

■ Standard white hezel

Code	Sensor	Depth	Ø		Price			
Standard								
2704-3168	No	95 mm	340 mm	1+	£28.95	5+	£27.50	
2704-3174	Microwave	95 mm	340 mm	1+	£46.95	5+	£44.95	
3 hr Maintai	3 hr Maintained Emergency							
2704-3171	No	95 mm	340 mm	1+	£48.50	3+	£46.95	
2704-3177	Microwave	95 mm	340 mm	1+	£64.95	3+	£62.95	

video demonstration

kgC02e SAVING

30.000

**YOU SAVE** 

UP £151.20

**OVER** 30,000

#### **ENERGY SAVING COMPARISON:**

16W LED Bulkhead vs 28W 2D & Control Gear (6W) 16W LED Bulkhead vs 28W 2D & Control Gear (6W)





**FROM** 



20









# 20W TRI-COLOUR LED WALL PACKS IP65

- Die-cast aluminium body and polycarbonate diffuser
- Push-fit connectors for easy installation
- Integrated LED
- Selectable colour temperature: Warm white 3000K, cool white 4000K or daylight 6500K
- Lumen output: 1,500, 1,600 or 1,550 lm
- Lamp life: 50,000 hrs





Code	Sensor	Height	Width	Depth	1+	3+
2641-1884	No	221 mm	207 mm	82 mm	£76.75	£72.75
2641-1887	Photocell	221 mm	207 mm	82 mm	£85.75	£81.75

## kgCO2e SAVING

JP **683.10** OVER 50,000 hrs

		YO	IU S	AVE
ID				00

UP **£924.00** 

OVER 50,000 hrs

# CCT COLOUR SELECT

1 YEAR On-SITE Guarantee

5 YEARS GUARANTEE

FROM **276:75** 

#### **ENERGY SAVING COMPARISON:**

20W LED Wall Pack vs 70W Discharge Lamp & Control Gear [16W]

# **GUARDIAN LED FLOODLIGHTS IP65**

- Die-cast aluminium powder-coated body
- Integrated LED
- Colour temperature: Cool white 4000K
- Lamp life: 50,000 hrs

#### PIR Features:

- Detection angle: 120°
- Detection range: Up to 10 m
- Timer adjustment: 10 secs 7 mins

#### Includes:

Adjustable bracket

■ 1 m Cable



Visit cef	.co.uk f
video demo	nstrati
	Visit cef video demo

3+	1+	Depth	Width	Height	Lumens	Wattage	Code
							Standard
£22.75	£23.75	34 mm	129 mm	188 mm	1950 lm	15W	2672-6707
£34.75	£36.75	42 mm	173 mm	238 mm	3900 lm	30W	2672-6719
£51.95	£55.50	42 mm	188 mm	250 mm	6500 lm	50W	2672-6728
£104.95	£110.25	52 mm	250 mm	302 mm	10400 lm	80W	2672-6734
£119.50	£124.95	57 mm	279 mm	358 mm	13000 lm	100W	2672-6704
£145.75	£152.25	62 mm	329 mm	405 mm	19500 lm	150W	2672-6710
£232.50	£238.95	62 mm	401 mm	471 mm	32500 lm	250W	2672-6716
							PIR
£31.50	£32.50	51 mm	129 mm	250 mm	1950 lm	15W	2672-6713
£41.50	£43.50	53 mm	173 mm	303 mm	3900 lm	30W	2672-6722
£61.50	£66.95	54 mm	188 mm	315 mm	6500 lm	50W	2672-6731

kgC02e SAVING

**ENERGY SAVING COMPARISON:** 

50W LED Floodlight vs 500W Tungsten Halogen Lamp

# **YOU SAVE**

UP **£6,300.**00 OVER 50,000 hrs



**FROM** 









**CHALLENGER LUMINAIRES** 

# **6W SOLAR-POWERED LED SECURITY** TWINSPOT WITH PIR IP44

Energy-saving, solar-powered security twinspot

■ Integrated LED

- Colour temperature: Daylight 6500K
- Lumen output: 270 lm
- Lamp life: 30,000 hrs

#### PIR Features:

- Detection angle: 130°
- Detection range: 8 m
- Timer adjustment: 10 secs 1 min

Height

189 mm

Width

334 mm

#### Includes:

Code

2092-6510

■ Solar panel with 5 m lead

ONLY



£44.50

£45.95

# **6W SOLAR-POWERED LED FLOODLIGHT** WITH PIR IP44

■ Energy-saving, solar-powered floodlight

Polycarbonate body

Integrated LED

■ Colour temperature: Daylight 6000K

- Lumen output: 480 lm
- Lamp life: 30,000 hrs

#### PIR Features:

Includes:

- Detection angle: 130°
- Detection range: 8 m

Solar panel with 5 m lead

■ Timer adjustment: 10 secs - 1 min

1 YEAR

Code	Height	Width	Depth	1+	3+
2261-4100	203 mm	210 mm	219 mm	£32.95	£31.50

2W LED SOLAR-POWERED WALL LIGHT WITH PIR IP44

Depth

120 mm

- Energy-saving, solar-powered wall light
- Polycarbonate body



# **LED HIGHBAY FITTINGS IP65**

- Ideal for replacement of SON or metal halide highbays
- Die-cast aluminium housing with integral driver and polycarbonate lens
- 1 10V Dimming as standard
- Beam angle: 120°
- Colour temperature: Cool white 4000K
- Lamp life: 50,000 hrs

#### Includes:

■ 1 m Cable

Code	Wattage	Lumens	Height	Ø	1+	10+
2681-1316	100W	14000 lm	159 mm	280 mm	£122.95	£120.95
2681-1319	150W	21000 lm	159 mm	280 mm	£123.95	£121.95
2681-1322	200W	28000 lm	169 mm	330 mm	£168.95	£166.95
2681-1325	240W	33600 lm	169 mm	330 mm	£179.95	£177.95
Code	Suitable For		Beam Angle		1+	10+
Aluminium R	eflector					
2681-1352	100W and 15	OW	90°		£24.75	£24.25
2681-1337	200W and 24	WO	90°		£33.75	£32.75
Polycarbonat	te Lens					
2681-1346	100W and 15	OW	90°		£13.75	£13.25
2681-1331	200W and 24	WO	90°		£14.25	£13.25
Polycarbonat	te Reflector					
2681-1349	100W and 15	OW	-		£44.95	£44.50
2681-1334	200W and 24	WO	-		£46.50	£45.50
Mounting Bra	icket					
2681-1343	100W and 15	OW	-		£12.75	£12.25
2681-1328	200W and 24	WO.	-		£17.50	£16.50
Code	Description				1+	3+
2681-1340	Microwave S	ensor			£29.95	£28.50
2604-1012	Remote Con	trol for Microwa	ave Sensor		£29.95	£28.50



**Aluminium Reflector** 



Polycarbonate Lens



**Polycarbonate Reflector** 



**Mounting Bracket** 



video demonstration

Microwave Sensor

**OVER** 50,000

**YOU SAVE** 

UP £4,130.00



Remote Control

FROM

## kgC02e SAVING

#### **ENERGY SAVING COMPARISON:**

150W LED Highbay vs 400W Discharge Lamp & Control Gear [45W]









**CHALLENGER** CONTROLS

# **WALL / CEILING MOUNTED PIRs IP44**

- Auto override
- Detection angle: 180°
- Detection range: 12 m
- Timer adjustment: 10 secs 10 mins



#### Load rating:

- Max. 1,000W [4A] Incandescent lamps
- Max. 200W [0.8A] LED Lamps [up to six lamps]

ONLY £17.75 +VAT

Code	Colour	Height	Width	Projection	1+	3+
1249-4044	Black	80 mm	70 mm	125 mm	£17.75	£16.95
1249-4047	White	80 mm	70 mm	125 mm	£17.75	£16.95

# **WALL MOUNTED PIRS IP44**

- Adjustable sensitivity, time and lux
- Lux adjustment: 3 2,000 lx
- Detection angle: 180°
- Detection range: 12 m
- Timer adjustment: 10 secs - 15 mins
- Mounted: Wall





#### Load rating:

- Max. 1,200W [5A] Incandescent lamps
- Max. 300W [1.25A] LED Lamps [up to six lamps]





Code	Colour	Height	Width	Projection	1+	3+
2543-0164	Black	120 mm	78 mm	52 mm	£10.95	£10.25
2543-0167	White	120 mm	78 mm	52 mm	£10.95	£10.25

# WALL / CEILING MOUNTED PIRs IP55

- Adjustable detector head and lux
- Supplied with lens shield
- Detection angle: 45 360°
- Detection range: 16 m
- Timer adjustment: 5 secs 15 mins
- Mounted: Wall, ceiling or corner





#### Load rating:

- Max. 2,200W [9A] Incandescent lamps
- Max. 200W [0.8A] LED Lamps





Code	Colour	Height	Width	Projection	1+	3+
2613-8074	Black	147 mm	88 mm	50 mm	£30.50	£28.50
2613-8071	White	147 mm	88 mm	50 mm	£30.50	£28.50

# WALL / CEILING MOUNTED PIRs IP55

- Adjustable sensitivity, time and lux
- Supplied with lens shield
- Detection angle: 240°
- Detection range: 4 12 m
- Timer adjustment: 1 20 mins
- Mounted: Wall, ceiling or corner



#### Load rating:

- Max. 2,000W [8A] Incandescent lamps
- Max. 400W [1.6A] LED Lamps

1 YEAR GUARANTEE



Code	Colour	Height	Width	Projection	1+	3+
2613-8179	Black	74 mm	72 mm	133.6 mm	£33.50	£31.50
2613-8176	White	74 mm	72 mm	133.6 mm	£33.50	£31.50

**WALL / CEILING MOUNTED** PIRs IP65

- Remote control included to adjust lux, range and timer
- Lux adjustment: 3 2,000 lx
- Detection angle: 180°
- Detection range: 12 m
- Timer adjustment: 3 secs 30 mins





### Load rating:

- Max. 1,200W [5A] Incandescent lamps
- Max. 300W [1.25A] LED Lamps

Code Colour Height Width Projection 2364-1459 52 mm 80 mm 120 mm £18.50 £17.75 Black £17.75 2364-1456 White 52 mm 80 mm 120 mm £18.50

# **LONG DISTANCE WALL / CEILING MOUNTED PIRs IP54**

- Adjustable sensitivity, time and lux
- Lux adjustment: 10 2,000 lx
- Detection angle: 270°
- Detection range: 18 m
- Timer adjustment: 5 secs 4 mins





#### Load rating:

**ONLY** 

- Max. 2,000W [8A] Incandescent lamps
- Max. 250W [1A] LED Lamps

1 YEAR
GUARANTEE



Code	Colour	Height	Width	Projection	1+	3+
2543-0146	Black	86 mm	96 mm	137 mm	£46.50	£44.95
2543-0149	White	86 mm	96 mm	137 mm	£46.50	£44.95









# COLUMBUS® PNEUMATIC TIME LAG SWITCH

- No neutral required
- Timer adjustment: 5 secs 5 mins
- BS EN 60669-1:2000 and
   BS EN 60669-2-3:2006 [Ed 4]



#### Load rating:

- 1,440W [6A] Incandescent lamps and resistive loads
- 720W [3A] LED Lamps







Code	Configuration	No. of Wire Connections	1+	3+
0003-7666	Single Contact	3	£24.50	£23.50

# **16A PUSHBUTTON TIME LAG SWITCH**

- Compatible with any two or three wire activator switches
- Illuminated blue locator ring requires three wire connections to activator switch
- Time cancellation function
- Timer adjustment: 2 mins 2 hrs





Code	Configuration	No. of Wire Connections	1+	3+
0704-0071	Secondary	2	£24.95	£23.95

# **16A PUSHBUTTON TIME LAG SWITCHES**

- Activator switch can be interlinked with any Elkay secondary switches [only one activator per circuit]
- Suitable for incandescent and fluorescent lamps and resistive loads
- Illuminated blue locator ring
- One minute countdown LED indicator
- Requires capacitor [1865-9914] for all types of low wattage loads including LED lighting [sold separately – page 291
- Concealed fixing screws
- Timer adjustment: 2 mins 2 hrs





FROM	
£43	.50 +VAT

Code	Configuration	No. of Wire Connections	1+	3+
0704-0065	Activator	2	£43.95	£42.95
0704-0113	Activator	3	£43.50	£42.50

# **16A PIR TIME LAG SWITCH**

- Suitable for lighting, heating, ventilation systems and contactor coils
- Neutral required
- Illuminated blue locator ring
- Lux level control
- Detection angle: 360°
- Detection range: 5 7 m
- Requires capacitor [1865-9914] for all types of low wattage loads including LED lighting [sold separately – page 29]
- Concealed fixing screws
- Timer adjustment: 2 mins 2 hrs



	ONLY
6 YEARS	£ <b>83</b> .95
GUARANTEE	<b>EUJ+VA</b>

Code	No. of Wire Connections	1+	3+
0704-0089	3	£83.95	£81.75

# **CONTROLS**

# 16A TWO WIRE PIRS

- No neutral required
- Please note: Capacitor [1865-9914] will often be required when switching certain types of loads
- Detection angle: 360°
- Detection range: 5 7 m
- Timer adjustment: 2 mins 2 hrs
- BS EN 60669-2-3:2006





Code	Description	Height	Width	Depth	1+	3+
0704-0101	Two Wire	85 mm	85 mm	8 mm	£71.95	£70.50
0704-0107	Secondary	85 mm	85 mm	8 mm	£35.95	£34.50

# **16A THREE WIRE PIR IP66**

- Please note: Capacitor [1865-9914] will often be required when switching certain types of loads
- Detection angle: 360°
- Detection range: 5 7 m
- Timer adjustment: 2 mins 2 hrs



#### Includes:

Surface mounting box

Code	Height	Width	Depth	1+	3+
0704-0161	85 mm	85 mm	65 mm	£86.50	£84.95

# 16A WEATHERPROOF PUSHBUTTON TIME LAG SWITCH IP66

- Activator switch can be interlinked with any Elkay secondary switches [only one activator per circuit]
- Commonly used for outdoor patio or infrared heaters and where there is a neutral to control all load types of lighting
- Illuminated blue locator ring
- One minute countdown LED indicator
- Includes backbox with M20 knockouts
- Timer adjustment: 2 mins 2 hrs



Code	No. of Wire Connections	1+	3+
0704-0125	3	£51.95	£50.75

# **6A THREE WIRE CEILING PIR**

- Neutral required
- Multiple PIRs can be interlinked to cover large areas
- Please note: Capacitor [1865-9914] will often be required when switching certain types of loads
- Mounting height: 2.4 m
- Detection angle: 360°
- Detection range: 7 m
- Timer adjustment: 30 secs 30 mins





Code	Depth	Ø	Cut Out Ø	1+	3+
2639-5630	90 mm	90 mm	64 mm	£16.50	£14.95

# **16A MICROWAVE SENSOR**

- Suitable for all lighting types
- Switch with lux level sensing
- Please note: Capacitor [1865-9914] will often be required when switching certain types of loads
- Mounting height: 1.2 2.5 m
- Detection range: 30 m
- Timer adjustment: 2 mins 2 hrs
- Clip-on front cover conceals screws

Code	1+	3+
1019-6221	£59.95	£58.50

- Mounted: Standard 35 mm backbox
- BS FN 60669-2-1:2004+A12:2010













# TIME LAG SWITCHES

- Saves cost and energy by automatically switching off the light after a preset period of time
- Replaces existing lighting control
- Timer must be set before installation
- No neutral required
- Requires 25 mm backbox









Code	Timer Adjustment	Current Rating	No. of Wire Connections	1+	3+
Pneumatic					
1865-9917	5 secs - 5 mins	6A Incandescent - 3A Fluorescent	3	£25.60	£24.75
Electronic					
1865-9911	20 secs - 25 mins	5A Incandescent - 3A Fluorescent	2	£35.50	£34.50

# **10A TIME LAG SWITCHES**

- Suitable for resistive loads and incandescent, fluorescent, CFL and LED lamps
- Requires 25 mm backbox
- Capacitor will often be required when switching certain types of loads – sold separately [1865-9914]
- Timer adjustment: 2 60 mins
- BS EN 60669

#### PIR Features:

- Detection angle: 100°
- Detection range: 7 m

2	WIRE
	YEARS
	UARANTEE



Pushbutton



PIR

Code	Туре	No. of Wire Connections	1+	3+
1865-9890	Pushbutton	2	£34.95	£33.75
1865-9899	Pushbutton	3	£42.35	£40.75
1865-9896	PIR	2	£71.50	£68.75
1865-9905	PIR	3	£59.50	£57.25

# **10A CEILING PIR**

- Neutral required
- Please note: Capacitor will often be required when switching certain types of loads – sold separately [1865-9914]
- Lux and sensitivity adjustment
- Mounting height: 2.4 m
- Detection angle: 360°
- Detection range: 7 m
- Timer adjustment: 2 mins 1 hr
- BS FN 60669

#### Includes:

- White and chrome interchangeable bezels
- Surface mounting backbox





Code	Depth	Ø	Cut Out Ø	1+	3+
1865-9908	70 mm	77 mm	64 mm	£40.95	£39.95

# POWER FACTOR CORRECTION CAPACITOR

- Designed to assist with the switching of electronic timers when using low wattage lighting
- Suitable for use with 2D fittings, energy-saving lamps, LEDs or any low power consuming load
- Can also be used with contactors to assist in the switching of loads above 16A when using electronic timers
- Ideal for use with two and three wire switches
- Suitable for all AC voltages below 400V
- 4 Microfarad capacitance [4µf]
- EN 60252



	ONLY
6 YEARS Guarantee	£7.45

Code	1+	3+
1865-9914	£7.45	£7.25

# **HEATING**

# DESIGNER XR ELECTRIC RADIATORS

Stylish, electronic radiators featuring a built-in, state-of-the-art, energy management and control system based on an integrated range of technical features.

- Built-in digital programmer with seven heating schedules, plus one bespoke option
- 150W Per fin for faster heat up time
- High-precision chrono thermostat controls temperature to within ± 0.2°C
- Open window technology
- Adaptive start: Anticipatory control
- Three temperature settings: Comfort, economy and anti-freeze
- Tamper-proof lock-off facility
- Thermal safety limiter: 75°C Maximum surface temperature
- Mounted: Wall
- IP24
- Complies with Lot 20
- IEC 62233:2005

■ 1.5 m Cable





# **Haverland Loyalty Scheme**

SIGN UP FOR THE HAVERLAND LEAGUE AND EARN EXTRA CASH!



SIGN UP FOR THE HAVERLAND LEAGUE AND EARN REWARDS!
FIND THE FULL HAVERLAND RANGE AT CEF.CO.UK OR ASK IN-BRANCH

Get your prepaid Mastercard in five easy steps:

- 1 Buy Haverland products
- 2 Register at haverland-league.co.uk
- 3 Go to the "make a claim" page
- Put in all the purchase details and don't forget to upload your proof of purchase!
- 5 Wait for your purchase to be approved

Code	Power Rating	Height	Width	Depth	1+	3+
2728-2193	500W	590 mm	345 mm	100 mm	£229.95	£224.95
2728-2196	750W	590 mm	525 mm	100 mm	£274.95	£269.95
2728-2181	1 kW	590 mm	605 mm	100 mm	£314.95	£309.95
2728-2184	1.2 kW	590 mm	765 mm	100 mm	£359.95	£354.95
2728-2187	1.5 kW	590 mm	845 mm	100 mm	£409.95	£404.95
2728-2190	1.8 kW	590 mm	1005 mm	100 mm	£449.95	£444.95

3 YEARS ELECTRICAL GUARANTEE 10 YEARS RADIATOR BLOCK SEAL GUARANTEE FROM £229.95

HAVERLAND











# **STORAGE HEATERS**

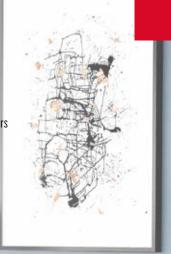
- Controllable electronic heat to match user lifestyle
- High-density cells dynamically store energy using less space than other storage heaters
- Seven day electronic timer with electronic thermostat
- Dynamic efficiency+ technology accurate to ± 0.2°C
- Uses off-peak and peak tariffs [requires two supplies]
- Open window technology
- Slimline design
- Free 3D AutoCAD heating design scheme service [details on page 1202 of CEF Catalogue Issue 14]
- Mounted: Floor [secured to wall]
- IPX4
- Complies with Lot 20



#### Includes:

- Wall bracket
- Support feet
- High-density bonded magnetite energy cell packs

Code	Power Rating	Height	Width	Depth	1+	3+
2297-0182	500W	749 mm	581 mm	182 mm	£519.95	£514.95
2297-0317	750W	749 mm	703 mm	182 mm	£564.95	£559.95
2297-0320	1 kW	749 mm	825 mm	182 mm	£629.95	£619.95
2297-0323	1.25 kW	749 mm	947 mm	182 mm	£694.95	£684.95
2297-0326	1.5 kW	749 mm	1069 mm	182 mm	£764.95	£754.95







2 YEARS ON-SITE GUARANTEE

10 YEARS
GUARANTEE
ON REGISTRATION

FROM £**519.95** £**VAT** 



# **PANEL HEATERS**

- Slim and contemporary design suitable for domestic and commercial use
- Requires wall mounted wireless controller [sold separately – see page 33]
- Mounted: Wall
- IP24
- Complies with Lot 20



#### Includes:

- Snap-on wall bracket
- 1.8 m Cable

Code	Power Rating	Height	Width	Depth	1+	3+
2379-6436	500W	430 mm	442 mm	93 mm	£131.75	£129.75
2379-6439	750W	430 mm	442 mm	93 mm	£133.95	£131.95
2379-6427	1 kW	430 mm	614 mm	93 mm	£146.75	£144.75
2379-6430	1.5 kW	430 mm	720 mm	93 mm	£159.95	£157.95
2379-6433	2 kW	430 mm	852 mm	93 mm	£166.95	£164.95

# **HIGH HEAT RETENTION STORAGE HEATERS**



- Customisable heating with four time and temperature settings per day
- SAP Approved high heat retention storage heaters
- Digital thermostat for accurate heating control ± 0.2°C
- Open window technology
- Adaptive start: Anticipatory control
- Free 3D AutoCAD heating design scheme service [details on page 1202 of CEF Catalogue Issue 14]
- Mounted: Floor [secured to wall]
- IPX4
- Complies with Lot 20



#### Includes:

- Wall bracket
- Support feet

Code	Power Rating	Height	Width	Depth	1+	3+
2609-5093	500W	730 mm	580 mm	185 mm	£614.95	£604.95
2609-5096	750W	730 mm	703 mm	185 mm	£659.95	£649.95
2609-5099	1 kW	730 mm	865 mm	185 mm	£729.95	£719.95
2609-5102	1.25 kW	730 mm	1069 mm	185 mm	£799.95	£789.95
2609-5105	1.5 kW	730 mm	1069 mm	185 mm	£869.95	£859.95





# PUSHBUTTON TIMER AND THERMOSTAT

- Compatible with Heatstore wireless heaters including ceiling heaters
- Basic mode: Power On / Off with single press
- Four stage run back timer: 5, 15 or 30 mins [which can be increased to 20, 60 or 120 mins with four presses]
- Comfort temperature control
- Can be used for frost protection
- Mounted: Surface





Code	1+	3+
2379-6442	£32.95	£31.95

# RUN BACK TIMER AND VARIABLE THERMOSTAT

- Compatible with Heatstore wireless heaters including ceiling heaters
- Current room temperature displayed, or target temperature once pressed
- Four stage run back timer: 5, 15 or 30 mins
- Comfort temperature control
- Can be used for frost protection
- Mounted: Surface





Code	1+	3+
2379-6460	£59.50	£58.50



# **HAND DRYERS**

# 1.85 kW TEMPESTA BLADE ABS **HAND DRYERS**

- Switch between warm air [1.85 kW] and cool air [800W]
  - via the internal switch
- Hygienic two stage 99% HEPA filtered air and UV sterilisation
- Hidden and easy to empty water collection tray
- Drying time: 7 10 secs
- Dimensions: 669 mm[H] x 298 mm[W] x 184 mm[D]
- IPX4

#### Includes:

Cleaning brush





Code	Colour	Air Speed	Decibel Rating	1+	2+
2637-2800	White	85 m/s	83 dB[A] @ 1 m	£349.95	£339.95
2703-4048	Silver	85 m/s	83 dB[A] @ 1 m	£388.95	£378.95

### kqC02e SAVING

## **YOU SAVE**

**OVER** 365 **DAYS** 

#### **ENERGY SAVING COMPARISON:**

Traditional 1.8 kW Hand Dryer [Dry time 30 secs] vs Tempesta Blade 800W Cool Air Output [Dry time 10 secs]. Based on a medium footfall of 200 people per day.



2 YEARS

**FROM** 

Levanté









# 900W TEMPESTA STAINLESS STEEL HAND DRYER

- Selectable power rating at installation: 600 / 900W
- Sensing distance: 100 mm
- Drying time: 10 secs
- Dimensions: 300 mm[H] x 250 mm[W] x 159 mm[D]

■ IP22



2 YEARS GUARANTEE ONLY £137:50

Code	Air Speed	Decibel Rating	1+	2+
2183-7592	105 m/s	80 dB[A] @ 1 m	£137.50	£134.50

kgC02e SAVING

UP 201-48 kgC02e

YOU SAVE

UP **£272.48** OVER 365 DAYS

#### **ENERGY SAVING COMPARISON:**

Traditional 1.8 kW Hand Dryer [Dry time 30 secs] vs Tempesta 600W [Dry time 10 secs]. Based on a medium footfall of 200 people per day.

# 800W TEMPESTA PLUS STAINLESS STEEL ENERGY EFFICIENT HAND DRYER

- Auto-selects power rating depending on ambient temperature: 200 / 800W
- Sensing distance: 100 mm
- Drying time: 10 secs
- Dimensions: 278 mm[H] x 228 mm[W] x 154 mm[D]

■ IP22



4 YEARS GUARANTEE ONLY £**199.**95

Code	Air Speed	Decibel Rating	1+	2+
2183-7595	85 m/s	70 dB[A] @ 1 m	£199.95	£196.95

kgC02e SAVING

UP 218.27 kgC02e

VOU SAVE
UP **£295.**24 OVER 365 DAYS

#### **ENERGY SAVING COMPARISON:**

Traditional 1.8 kW Hand Dryer [Dry time 30 secs] vs Tempesta Plus 200W [Dry time 10 secs]. Based on a medium footfall of 200 people per day.

# **HEAT RECOVERY & VENTILATION**



# SINGLE ROOM HEAT RECOVERY UNIT

- Up to 93% heat recovery
- Acoustic external wall vent reduces noise and draughts
- Power rating: 1.5W / 2.5W / 4.5W
- Airflow: 15 / 30 / 50 m³ / h
- Decibel rating: Up to 20 dB[A] @ 3 m
- IP2X



Code	1+	3+
Mains Voltage [230V]		
2733-1471	£324.95	£314.95

# **ZONE 1 WHISPER QUIET FAN**

- Type: Axial
- Uses Whisper Air Movement Efficiency to achieve near-silent running
- Power rating: 7.5W
- Airflow: 97 m<sup>3</sup> / h
- Decibel rating: 25 dB[A] @ 3 m
- Built-in backdraught shutter
- Mounted: Wall or ceiling
- IP45



**ONLY** 

Code	Operation	1+	3+
Mains Voltage [230V]			
2561-2759	Timer [2 - 30 mins]	£45.75	£43.95

# WHISPER CONTINUOUS ALL-IN-ONE FAN

- Type: Axial with mixed flow impeller
- Speeds: 5 [intermittent and continuous options]
- Power rating: 0.6 3.4W
- Airflow: 22 83 m<sup>3</sup> / h
- Decibel rating: 10 21 dB[A] @ 3 m

- IP45



**5 YEARS** WARRANTY

1+	3+
£122.95	£121.25
	£122.95









# 63A ECONO-MIZER SINGLE PHASE SINGLE TAP VOLTAGE OPTIMISATION UNIT

- Suitable for home use and small business premises including: Hotels, restaurants, pubs, offices and retail units
- Reduces electricity consumption by up to 14%
- Prolongs the life of your electrical appliances by carefully reducing the voltage to 220V
- Works with solar PV, wind power and heat pumps
- IP31



#### Includes:

- 63A C Curve single pole MCB
- 100A 2 Pole isolator

Code	Height	Width	Depth	1+
2 Pole – Sing	le Tap 7.5%			
2171-3353	230 mm	310 mm	100 mm	£369.50

### **YOU SAVE**

REDUCES ELECTRICAL EQUIPMENT'S ENERGY CONSUMPTION AND CARBON FOOTPRINT UP TO 14%



# **VOLTAGE OPTIMISATION**



# 100A ECONO-MIZER SINGLE PHASE MULTI TAP VOLTAGE OPTIMISATION UNIT

- Suitable for use in homes and smaller business premises
- Reduces electricity consumption by up to 19%
- Three fixed tap settings: 6, 8 & 10% for optimum voltage control
- Supplied complete with full circuit protection
- Saves you money 24 hours a day, 7 days a week
- Silent operation

- Prolongs the life of your electrical appliances
- Works with solar PV, wind power and heat pumps
- Easily installed by a qualified electrician
- Immediate savings
- No maintenance





# **ENCLOSED VARIABLE SPEED DRIVES**

- Range: Easy Speedy
- Enclosed inverter panel supplied ready to run with the latest Emotron FDU and VS inverters fitted as standard
- Integral EMC filter and keypad / display
- Simple start and stop buttons
- Internally-mounted, adjustable energy saving potentiometer
- Removable gland plates
- IP54
- BS EN 60947



Code	Current Rating	kW Rating	Height	Width	Depth	1+
Single Phase – 230V						
2179-6921	1.7A	0.25 kW	300 mm	300 mm	200 mm	£699.95
2179-6924	2.4A	0.37 kW	300 mm	300 mm	200 mm	£709.95
2179-6927	3.2A	0.55 kW	300 mm	300 mm	200 mm	£764.95
2179-6930	4.2A	0.75 kW	300 mm	300 mm	200 mm	£786.95
2179-6933	6A	1.1 kW	400 mm	300 mm	200 mm	£858.95
2179-6936	7A	1.5 kW	400 mm	300 mm	200 mm	£904.95
2179-6939	9.6A	2.2 kW	400 mm	300 mm	200 mm	£951.50
3 Phase – 400V	3 Phase – 400V					
2179-6942	1.3A	0.37 kW	300 mm	300 mm	200 mm	£807.95
2179-6945	1.8A	0.55 kW	300 mm	300 mm	200 mm	£819.75
2179-6948	2.4A	0.75 kW	300 mm	300 mm	200 mm	£839.95
2179-6951	3.2A	1.1 kW	400 mm	300 mm	200 mm	£953.50
2179-6954	3.9A	1.5 kW	400 mm	300 mm	200 mm	£974.95
2179-6957	5.6A	2.2 kW	400 mm	300 mm	200 mm	£1,009.95
2179-6960	7.3A	3 kW	400 mm	300 mm	200 mm	£1,132.95
2179-6963	9.5A	4 kW	400 mm	300 mm	200 mm	£1,304.95
2179-6966	13A	5.5 kW	400 mm	300 mm	200 mm	£1,279.95
2179-6972	16.5A	7.5 kW	500 mm	400 mm	200 mm	£1,594.95



## **YOU SAVE**

10% SLOWER = UP TO 25% SAVING 20% SLOWER = UP TO 45% SAVING 30% SLOWER = UP TO 65% SAVING 2 YEARS GUARANTEE

FROM **699.95** 

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Solar PV | Mounting Systems | Battery Storage | Accessories

At CEF our mission is to provide you with easy access to thousands of renewable energy products for your home or business, backed up by the same expert guidance and customer service we have become known for

Everybody at CEF Renewables is here to support your transition to renewable and greener technologies.

Our team are on-hand to provide you with support, guidance, training and products to enable you and your clients to make the most of the UK's road to NET Zero Strategy.

#### We stock:

- Solar panels
- Inverters
- Battery storage
- Mounting equipment
- And all associated ancillaries to fit them

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In the current climate of rising energy costs, scarcity of natural resources and the need to address the climate challenges facing our planet, the technologies discussed in this brochure provide a solution to help with all of the above.

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# MULTIFUNCTION INSTALLATION TESTER WITH EV TESTING ADAPTOR – ETHOS 8560 EV TEST KIT

- Simple to operate just select and test
- Test EV charging units with adaptor supplied [2705-2399]
- Surge protection device testing
- Large, full colour display with precise easy-to-read values
- High accuracy non-trip loop testing
- Auto sequence RCD testing with all results on one screen
- 250, 500 and 1,000V Insulation test

- Full range of RCD tests including ramp and auto tests for Type AC and A, AC[s] and A[s] plus B RCDs
- PSCC, PEFC Testing and Max. Zs measurement
- Phase rotation
- Polarity check with full colour indication
- Battery saving mode with fast restart

CLICK HERE TO VIEW
THE NEW EV & PV TEST
EQUIPMENT PRODUCT
GUIDE - ISSUE 1



#### Kit contents:

- ETHOS 8500 Multifunction installation tester
- ETHOS 8600 Test adaptor
- Type 2 to Type 1 connection adaptor
- Full lead set with probes and croc clips
- Switched probe
- Mains plug test lead
- Calibration certificate
- = 2 x Carry cases
- 6 x Batteries: AA



3 YEARS GUARANTEE

2726-9110

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- Hand dryers
- Air purifiers
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CEF are committed to providing their customers with a unique recycling solution, to ensure all electrical waste is recycled responsibly and valuable resources are captured and recovered for our future generations.

CEF are the only electrical distributor in the UK to have an in-house electrical waste recycling facility, offering our customers a complete one-stop recycling service and compliance in line with all current legislation.

# waste © experts

flexible - reliable - responsible

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CEF recycle over **1 million** lamps a year

CEF recycle **more electrical waste** than any other UK electrical distributor





CEF care for the environment by **recycling 98%** of the electrical waste it receives

CEF have a network of over **390 branches** ready to help you meet your environmental responsibilities



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