



Carbon Data

Carbon Emissions Comparison Tables

LED Baselight and Retrofit Gear Tray

Our Baselights come with an LED option, the comparison on the Superior model can be seen below:



- ◆ LM6-M Cast Aluminium Alloy (one piece body)
- ◆ IP67
- ◆ Domed 5mm UV Stabilised Polycarbonate
- ◆ Single or Double Lid Fixing Point
- ◆ Available 2 xPL11 watt, 3 xPL11 watt, 24V AC, LED
- ◆ Twin Turretts (25mm/25mm) Front & Rear as Standard

L.E.D. Comparison Savings - Baselight			
		2 x 11W Baselight	LED Baselight
	Unit	Superior	Superior
Wattage	W	36	4
Hours/Yr by use of Photocell	Hrs	4100	4100
Total consumption per year	Hrs/PA	147,600	16,400
Convert to KWhrs	KWhr	147.60	16.4
Cost of electricity/KWhr	Pence	11.5	11.5
Cost of electricity/KWhrs p.a.	Pounds	£16.97	£1.89
Cost of Clean & Lamp Change based on 5 year intervals	Pounds	£180	£40
CO ₂ emissions	Metric Tonnes	0.08	0.01
Costs are based on 0.00054418 x by kw consumption per year			
Carbon used per 1000 units	Metric Tonnes	80.32	8.92

Twin Amber Flasher Light Unit






- ◆ Rating: IP65
- ◆ Access: Hinged 5mm HDP Front Cover with vandal resistant fixings
- ◆ Flasher: Solid State Flasher
- ◆ Lens: Vandal Resistant - Amber - 150mm Diameter to maximise light output
- ◆ 2 x 48 LED lamp cluster with a lamp life expectancy of 100,000 hours
- ◆ Operation: Mains 230V Battery or Low Voltage (Solar Powered Option available)

Twin Amber Flasher Units (TAFLU) supplied as Key Operated, Push Button, Magnetic Wand, Variable Timer switch, or hand held radio controlled. Microtima or 2 channel programmer available (Signa42). Signature's standard TAFLU (2 x 48 LED lamp cluster) offers excellent consistency of light distribution, with LED lamp life expectancy of 100,000 hours, together with an energy consumption of 7W.

LED cluster is available as a conversion from an existing GLS lamp option. Please check with our Sales Office to ascertain suitable retrofit TAFLU models. Low voltage LED TAFLU available - energy consumption 3.5W.

Carbon Emissions Comparison Tables

LED Sign Lights

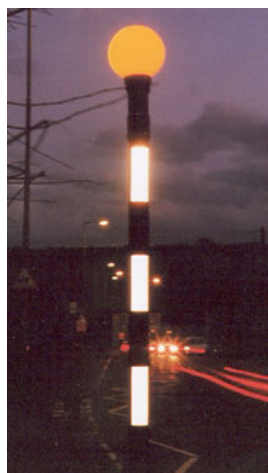
		
Delta	Exlite LA	Titan
<ul style="list-style-type: none"> ◆ IP65 rated against water & dust ingress ◆ Vandal resistant unit ◆ Built in bracketry which is anti-rotational ◆ LM6-M cast aluminium construction ◆ Polyester powder coated ◆ Solar Option Available 	<ul style="list-style-type: none"> ◆ Polyethylene (LA4), Cast Aluminium (LA1) or Anti-Vandal versions (LA3) ◆ Anti Rotational bracketry fixing ◆ 175mm outreach brackets as standard 	<ul style="list-style-type: none"> ◆ Anti Vandal Unit c/w anti rotational fixing and tamper proof access ◆ Cast aluminium LM-6 ◆ Polyester Powder Coated

L.E.D. Comparison Savings - Signlights

		2 x 8w Signlight	2 x 11w Signlight	LED Signlight	2 x 8w Signlight	LED Signlight
	Unit	Delta Type A	Delta Type A c/w Monitor	Delta Type	Exlite Type A	Exlite Type A
Wattage	W	23	16	5	23	5
Hours/Yr by use of Photocell	Hrs	4100	4100	4100	4100	4100
Total consumption per year	Hrs/PA	94,300	65,600	20,500	94,300	20,500
Convert to KWhrs	KW hr	94.3	65.6	20.5	94.3	20.5
Cost of electricity/KW hr	Pence	11.5	11.5	11.5	11.5	11.5
Cost of electricity/KW hr p.a.	Pounds	£10.84	£7.54	£2.36	£10.84	£2.36
Cost of Clean & Lamp Change based on 5 year intervals	Pounds	£180	£180	£40	£180	£40
CO ₂ emissions	Metric Tonnes	0.05	0.04	0.01	0.05	0.01
<i>Costs is based on 0.00054418 x by kw consumption per year</i>						
Carbon used per 1000 units	Metric Tonnes	51.32	35.70	11.16	51.32	11.16

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LED Zebra Safe & Belisha Beacon



Introduced in 1993, the Zebra safe (PATENT GB2287496B) have proven to be the most effective method in offering high visibility to drivers and pedestrians throughout the UK. The assembly comprises of mild steel post, galvanised to BS729; Dekra-Lite black with integrated translucent vandal resistant poly inner tube for internal illumination.

LED Light Assembly

Stay fast assembly, 230-24V DC comprising of flashing LED beacon, globe gallery and anti-vandal collar. The LED option is also available for the centre island posts and white globes. The LED light source fully conforms to the British standards BS8442. At a time where the energy costs keep increasing, the low power consumption of Signature's LED Belisha Beacon lowers the cost of energy required for lighting.

L.E.D. Comparison Savings - Pedestrian Globe

		Pedestrian Globe GLS	Pedestrian Globe LED
	Unit	GLS Tungsten	Zebra LED Beacon Unit
Wattage	W	60	17
Hours/Yr by use of Photocell	Hrs	4100	4100
Total consumption per year	Hrs/PA	246,000	69,700
Convert to KWhrs	KWhr	246.0	69.7
Cost of electricity/KWhrs	Pence	11.5	11.5
Cost of electricity/KWhrs p.a.	Pounds	£28.29	£8.02
Cost of Clean & Lamp Change based on 5 year intervals	Pounds	£180	£40
CO ₂ emissions	Metric Tonnes	0.13	0.04
Costs is based on 0.00054418 x by kw consumption per year			
Carbon used per 1000 units	Metric Tonnes	133.87	37.93

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