

DayBright PLUS

Enhanced Pedestrian Crossing HALO Solution

Designed with safety in mind, the DayBright PLUS HALO system gives drivers and pedestrians enhanced visibility of the crossing, giving drivers increased time to stop safely.

The unique design allows for the two HALO units in each head to be commissioned independently on site, adding maximum visibility and increasing safety.

Flexibility in options allows for the DayBright PLUS to be fitted to any existing crossing infrastructure, lamp column or floodlight mid post arrangement to give a quick and easy upgrade to the network. The option of an offset bracket arrangement gives a complete solution to any new or existing crossings.

Stage dimming functionality means that the unit dynamically adjusts to suit the surrounding light levels using PEC technology. The DayBright PLUS range of products can be self-assembled, and can be fitted retrospectively to any standard or illuminated zebra crossing post in less than one hour by a competent person without the need for any civils work*. Our patented Retro-Fit Strip Kit allows for the upgrade of a standard post installation to an illuminated system.

This versatile solution suits any private or public applications where pedestrians and vehicles may interact.

*Your T&Cs can be affected if self installed.



Key features

- Exceptional daylight illumination
- Longer visibility distances for drivers
- Enhanced pedestrian safety
- Enhanced compliancy
- Automatic dimming
- Easily retro-fitted without civil/ excavation work
- Long life, low energy LED design
- UMSUG coded
- Quick & easy maintenance access
- 300mm diameter super bright LED band
- Fully shielded
- Directionally adjustable viewing angle
- Secure concealed post fitment
- Vandal resistant

Options

- Q2 /3 or 4 super bright LED White Bands
- Mid post
- Offset bracket
- Synchronisation module upgrade option:
 - Synchronised (both units on or off at the same time)
 - Alternating (1 unit on while other is off and vice versa as they cycle)
- Post sizes: 76mm, 89mm, 114mm

Electrical Data

ITEM	DETAILS
Rating	230VAC, 50/60Hz stepped down by internal transformer to 12VDC
Power Consumption	Low power design
Peak (All LEDs active)	Design dependent
UMSUG Code	7950 016 001100

Head Material

ITEM	DETAILS
Shield	3mm aluminium
LED Sections	Pre-formed 3mm aluminium directionally adjustable
Colour	Black
Size	275mm internal diameter, 425mm external diameter
Fixing	Post top spigot to suit 76, 89 or 114mm post
Weight	11kg
Protection Degree	IP54
Operating Temp	-15°C to+ 60°C

Runner Material

ITEM	DETAILS
Gear Tray	3mm aluminium "T" section
Enclosure	3mm pre-formed aluminium
Colour	Powder coated black and white
Lens	UV stabilised, clear polycarbonate
Size	To suit 76, 89 or 114mm post
Fixings	11k M6 button head security type
White Bands	To suit 2, 3 or 4 band post
Protection Degree	IP54
Operating Temp	-15°C to+ 60°C

LEDs

ITEM	DETAILS
Brand (Head Ring)	Amber cree 5mm round LED
Brand (Runner)	White cree 5mm round LED
Viewing Angle	30°
Operating Temp	-40° to +95°
Life Span	Over 50,000hrs

Patent

ITEM	DETAILS
Patent Numbers	GB2497767 and GB2515216

Dimming

ITEM	DETAILS
Head Ring	2 stage (day or night)
Globe	1 stage
Viewing Angle	4 stage (ambient controlled)

Optical – Beacon Globe

ITEM	DETAILS
Mean Luminance	427 cd.m ⁻²
Uniformity	0.82

Find out more

T: 01606 59 66 22 E: sales@twmtraffic.com
www.twmtraffic.com

Unit 4, Oasis Business Park, Road One, Winsford Ind Est, Winsford, Cheshire, CW7 3RY



a  pilot group company