

The rail line is on a raised embankment with dense foliage ensuring no impact for train drivers.



LED programmable lights with motion & daylight sensor & aiming angles to prevent boundary spill, Skyglow

Installation to be carried out in accordance with **ILP Guidance Notes GN01/21 'The Reduction of Obtrusive Light'**.

The applicant has a progressive policy on environment. Zonal lighting will be installed along each container row from just above the height of the containers. Motion sensors will activate light, otherwise they remain off.

LIGHT DISTURBANCE TO BATS & WILDLIFE AROUND EMBANKMENT

Lights only activated by motion sensors (Visits 8pm to 8am average 4 per week at 10 mins each)

Down-facing lights point to matt black tarmac road and a wall of matt dark green containers, ensuring potential for reflection pollution is very low level

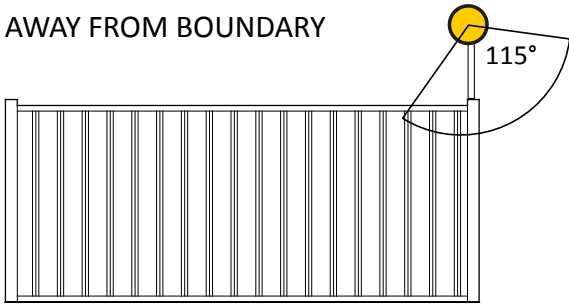
Lights previously pointing towards the embankment (at a distance) have been removed from the original lighting scheme to reduce potential even further

The green container colour is recessive in nature, and sits well alongside the green vegetation

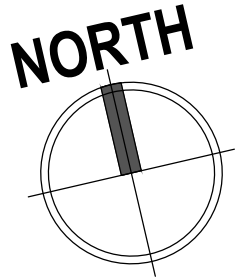
Model	VT-44052
Dimmable	No
Color Temperature	6500K
Watts	50
Lumens	6000
Useful Lumens	5200
Input Power	AC:220-240V, 50Hz
Unit Color	Black
Color for Web	White
Body Type	Aluminium
Dimension	183.5x34x169mm
Operation Temperature	-20°C to +45°C
Instant Start	0-100% in < 1s
LED Chip Type	SMD-Samsung Chip
Beam Angle	115°
CRI	>70
Downward LOR (%)	100
Upward LOR (%)	0
Energy Rating Label	E (2021)
IP Rating	IP65
Long Life	25,000 Hours
Energy Saving	85 Energy
Wire Length	1m
Sensor Type	Light Sensor
lumens per watt	120
EMC Certificate	Yes
LVD Certificate	Yes
ROHS Certificate	Yes



MOTION-ACTIVATED, DOWN-FACING & BEAM ANGLED AWAY FROM BOUNDARY



New LED units mounted to containers with appropriate luminaire aiming angles to prevent boundary spill & Skyglow.



127a Loverock Road
Reading, RD30 1DZ

LIGHTING PLAN

scale: 1:500 @ A3; 1:250 @ A1

Conrad Gibbons: 07798677857 conradgibbons@easyStorage.com

REVISED 20 March 2025