

G.W. FORD & SONS (BUILDERS) LTD.

Property Refurbishers

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Elm House, Willowbank, Claygate Lane, Thames Ditton, Surrey KT7 0LE



20th September 2020

(Revised 23rd December 2020)

Standby Self Storage Ltd.,
The Upper Deck,
4, Island Farm Avenue,
West Molesey,
Surrey,
KT8 2UZ.

Dear Sirs,

Re: Highdown Industrial Park

We refer to land you propose to lease at the above address.

Lighting assessment

The goal of this project is to create a warm, friendly lighting effect providing the areas with good and sufficient lighting for our customers to access their storage units. We are of course, mindful of light pollution and the immediate local environment.

We are aware that it is important to minimize the escape of light, so we propose the installation of eyelid bulkhead fittings with multiple LED inserts. The Bulbs fitted will be warm light, producing a temperature of below 2700K. They are marked on the plan (BL). This will create a very localized disbursement of light within the container walkway areas with each light fitting installed on the top of a container (as per photo below).



This will also create an ark of light of approximately 4m in length. Also, due to the dark surfacing and green coloured containers that we propose to use, there would be very little reflected light

to cause any light pollution to the surrounding area. Willow screening (marked on plan as Screening) will be installed at the end of the walkway to the North West and South West of the site to block out any additional light e.g. car headlights.

Due to the business use of storage it is not anticipated that there will not be much use after Dark, the use of light on site will be greatly minimized. We would suggest therefore that the area will be split into zones and are controlled via a JGD light control system with multiple zones, so that when a vehicle or person(s) access the site, only lighting that is required for them to access their units will be switched on by the PIR sensors. The sensors will be adjusted to reduce activation by local wildlife.

This system also has a timer facility so that it can be programmed for different functions per Zone.

Please see lighting product details and specification below:-





ZINC OVAL BULKHEAD BLACK 240V (4002J)

★★★★★

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Polycarbonate construction with marine grade stainless steel screws.

- IP44
- Non-Dimmable
- Polycarbonate
- 3 Year Manufacturer's Guarantee (T&Cs Apply)
- Double Insulated

SPECIFICATION	
Body Material	Polycarbonate Body
Brand	Zinc
Colour	Black
Construction Material (Lighting)	Polycarbonate
Dimmable	Non-Dimmable
Domestic/Commercial Use	Suitable for Commercial Use
Emergency	Non-Emergency
Fixings Supplied	Fixings Supplied
Indoor/Outdoor Usage	Outdoor
IP Rating	IP44
Lamps Supplied/Required	1 x ES Light Bulb Required
Lamp Type	LED
Lens/Diffuser Material	Plastic
Lighting Product Type	Bulkhead
Manufacturer Guarantee	3 Year Manufacturer's Guarantee (T&Cs Apply)
Max. Wattage	60 W
Model Name	Eyelid
Model Name/No	CZ-25142-BLK
Model No	CZ-25142-BLK
Mount Type	Wall-Mounted
No. Of Conduit Entry Points	0
Overall Light Width	260 mm
Pack Size	1
Parent Colour	Black
Pieces in Pack/Case	1
Power Factor Value	0.4
Power Type	Mains-Powered
Power Voltage Supply	240 V
Product Depth	110 mm
Product Diameter	260 mm
Product Height	150 mm
Product Type	Oval Bulkhead
Product Width	110 mm
Resistant Type	Water-Resistant
Shape	Oval
Total Product Weight	0.86 kg

