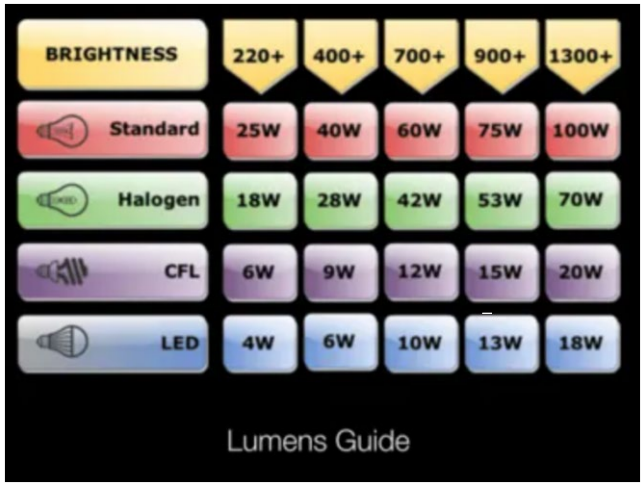
DC/20/0164– Condition 8 : External Lighting
Supplementary Specification

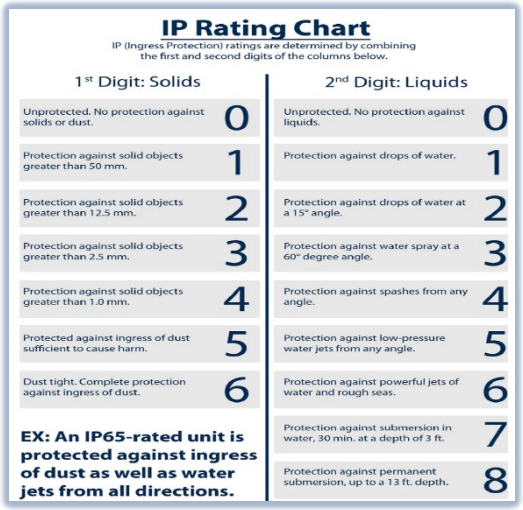
Performance Specification – all external lighting

- All external lighting to be LED **Warm white 3000k or warmer (2700K)** in order to reduce blue light component
- Fixtures to be **IP56 or better** throughout (protection against dust ingress and water as below)
- Lighting for **general security** at access points at entrance gates and individual buildings including main house to be on timed PIR sensors.
- Where possible use lighting with a **specific wavelength of between 580nm and 620nm**
- Car sensor at gate to be separate from pedestrian sensor at gate – both to time out after 2 minutes maximum.
- Lighting for pedestrian safety to be triggered by PIR sensors along garden paths.
- Lighting for vehicular safety is limited to defining boundaries (waymakers) as the assumption is that cars would have headlights on when it is dusk/dark sufficient to see obstacles. Textured surfaces will delineate pedestrian areas as distinct from car access areas.

Performance Specification according to function and location

1. Vehicular lighting – ground lights only
2. Pedestrian paths – ground spike bollards circa 500mm above soil pointed downward
3. Building lights (pedestrian entrance/exit) – wall washer lights pointed downward
4. Building lightings (vehicular entrance/exit) - sensor lights triggered by cars, mounted circa 2100mm pointing downward







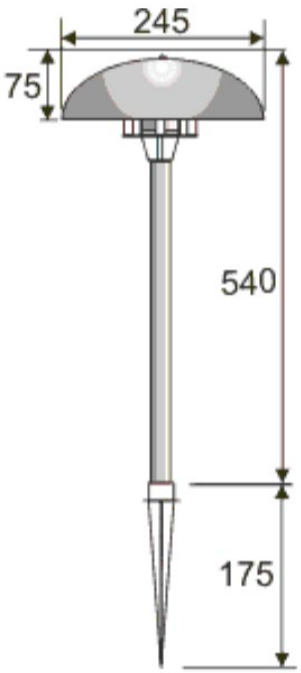
DC/20/0164– Condition 8 : External Lighting

Supplementary Specification

Pedestrian Lights:

Domo II - 12v - Copper IP56 G4 - Spike Spread light - 540mm Height 245mm Dome

The Domo ll spread light provide a soft pool of light for the illumination of paths or steps and around the terrace, drive and lawn.
Natural copper is often the preferred choice for traditional garden styles and natural settings as it always looks more natural than other metal of painted finishes.
These 12v spread lights hide the light source under the shade for low glare lighting.
A frosted glass dome protects the lamp from irrigation spray, diffuses the light from the LED lamp and reduces lamp glare to improve visual comfort in sloping sites. The shade and dome assembly is easily removed and replaced with a screw action, so tools are not required for changing the lamp.









DC/20/0164– Condition 8 : External Lighting

Supplementary Specification

Vehicular Lights:

Konstsmide Lighting surface mounted ground light
This light features a circular domed fascia integrated with 12 watts of LED, in an anthracite finish highlights the border of the driveway but is not intended to light the entire surface. Each light distributes only 3 watts of light from each of its four way points, illuminating the driveway space with warm white light.
Size: Height 4.5cm Diameter 20cm
Wattage: 12w integrated LED which provides 980 lumens - 3000k = warm white - burn time 20,000 hours
Two direction and four direction lights used to delineate between shared walk/drive areas and drive only





Above: four direction down-light
Right: two direction down-light





DC/20/0164– Condition 8 : External Lighting
Supplementary Specification

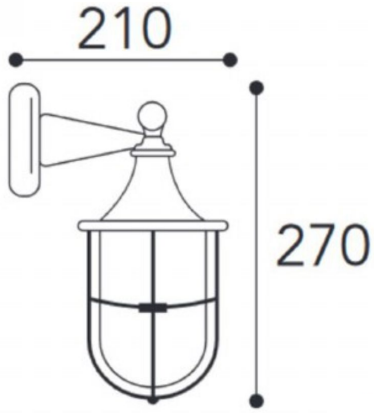
Building Lights (people):



Building lights **(pedestrian exit)** – wall washer lights pointed downward: Santorini Outdoor Wall Light 180 Aged Copper

Italian made solid brass external wall light in an aged copper finish with a round backplate, holophane glass shade and a simple cage to give a nautical look. E27/ES Lamp Holder Rated IP44.





Dimensions: Height: 270mm Projection: 210mm

Moretti Luce are an Italian family run lighting manufacturer. Their distinctive collection of brass lights offer a nautical and industrial feel that we just love and they suit a variety of settings from period to contemporary. The aged copper finish with its lovely patina of browns and greens is particularly popular. All the lighting is compatible with LED bulbs for maximum energy efficiency.

Use max 40w LED with warm white 2700k lightbulbs.
External wall washer lights to be on pir sensors and timers to minimise light pollution.



Building lights **(pedestrian entrance)** – wall washer lights to illuminate guests as well for security reasons.
Bingham 3 Light Medium Wall Lantern – Sienna (Hinkley)

Lights to be on push button timers that switch off after a programmed time (2-5 minutes). Located both sides of front door only and at front gate on pir sensors.

H: 406mm W: 152mm P: 203mm

DC/20/0164– Condition 8 : External Lighting

Supplementary Specification

Building Lights (cars/ garage entrance):

Building lights **(garage entrance)** – illuminate garage door and vehicular entrance. Elipta Compact Outdoor Wall Downlight - Copper - 240v GU10

Fittings are downlight only on timed PIR sensors with warm 300k light either side of vehicular entrance. As below they are 120mm high with 90mm projection from the wall making them very discrete. The Elipta is a 240v wall or post-mount model for fixed downlighting and grazing. 240v models utilise GU10 LED lamps with no need for a transformer. It has a flush lens which sheds water and dirt. 3 watt lamps are perfect for threshold lighting and provides a long life, low energy option. It's natural copper finish weathers to a mottled brown finish as below: The IP Rating is IP65.

Lamp Type: GU10 240v 3w or 5w warm white led lamp

Accessories: 58mm Honeycomb Glare Louvre which hides the light source from view outside the maximum 60 degree beam angle of the lamp.





