



2 Columba St Balwyn North

Katrina del Rosario

Client: Veronica (About Space)



brightgreen

Basement Level

Basement Level summary

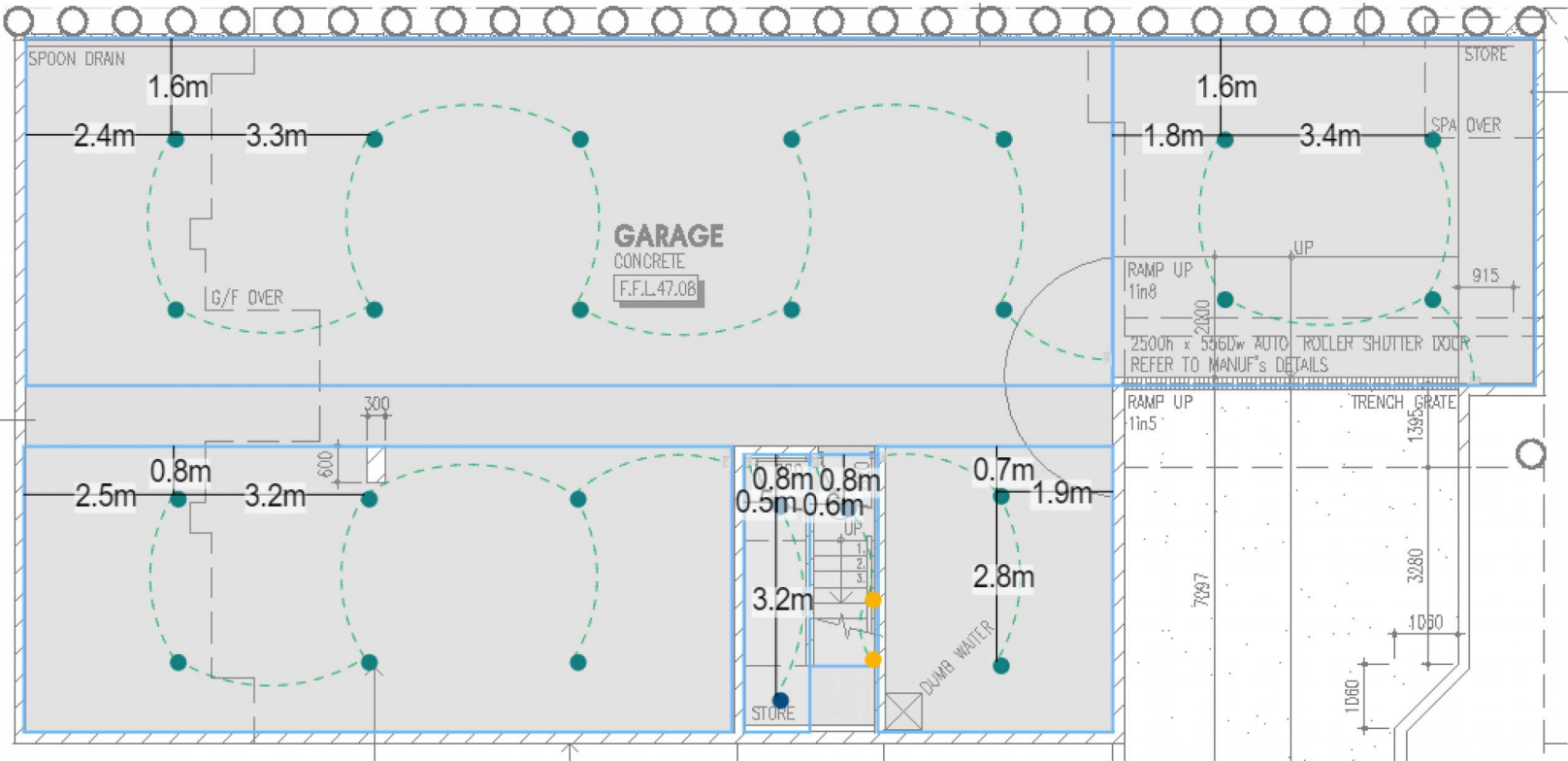
Electrical

| |
|-----------------------------|
| Total Power: 895.9W |
| Legal Power Limit: 5W p/sqm |
| Average Power: 4W p/sqm |

Photometric

| |
|-----------------------------|
| Recommended Lumens: 66295lm |
| Reached Lumens: 53876lm |

Summary



Lighting Design

PREPARE FOR:
Basement Level

Client: Veronica (About Space)

Designer: Andrew

Date: 18/05/2016

Contact:

Square Metres: 224.4sqm

Email: andrewk@brightgreen.com

Summary

Basement Level - Storage

Electrical

Total Power: 32.6W

Recommended Wattage: 25W

Average Power: 6.5W p/sqm

Photometric

Recommended Lumens: 1209lm

Reached Lumens: 1624lm

Reflectivity: Dark

Assets

d900.sh-cr-4k-45-w: 2

light-switch: 1

Basement Level - Stairway

Electrical

Total Power: 27.3W

Recommended Wattage: 19.5W

Average Power: 7W p/sqm

Photometric

Recommended Lumens: 947lm

Reached Lumens: 1212lm

Reflectivity: Dark

Assets

w200-cr-3k-9075-w: 2

d900.sh-cr-4k-45-w: 1

light-switch: 1

Basement Level - Garage

Electrical

Total Power: 380W

Recommended Wattage: 307.5W

Average Power: 3.7W p/sqm

Photometric

Recommended Lumens: 30510lm

Reached Lumens: 23200lm

Reflectivity: Light

Assets

sl3500-rt-3k-110-w: 10

light-switch: 1

Summary

Basement Level - Garage

Electrical

Total Power: 228W

Recommended Wattage: 165W

Average Power: 4.1W p/sqm

Photometric

Recommended Lumens: 16357lm

Reached Lumens: 13920lm

Reflectivity: Light

Assets

sl3500-rt-3k-110-w: 6

light-switch: 1

Basement Level - Garage

Electrical

Total Power: 76W

Recommended Wattage: 54.6W

Average Power: 4.2W p/sqm

Photometric

Recommended Lumens: 5423lm

Reached Lumens: 4640lm

Reflectivity: Light

Assets

sl3500-rt-3k-110-w: 2

light-switch: 1

Basement Level - Garage

Electrical

Total Power: 152W

Recommended Wattage: 119.4W

Average Power: 3.8W p/sqm

Photometric

Recommended Lumens: 11849lm

Reached Lumens: 9280lm

Reflectivity: Light

Assets

sl3500-rt-3k-110-w: 4

light-switch: 1

Ground Floor

Ground Floor summary

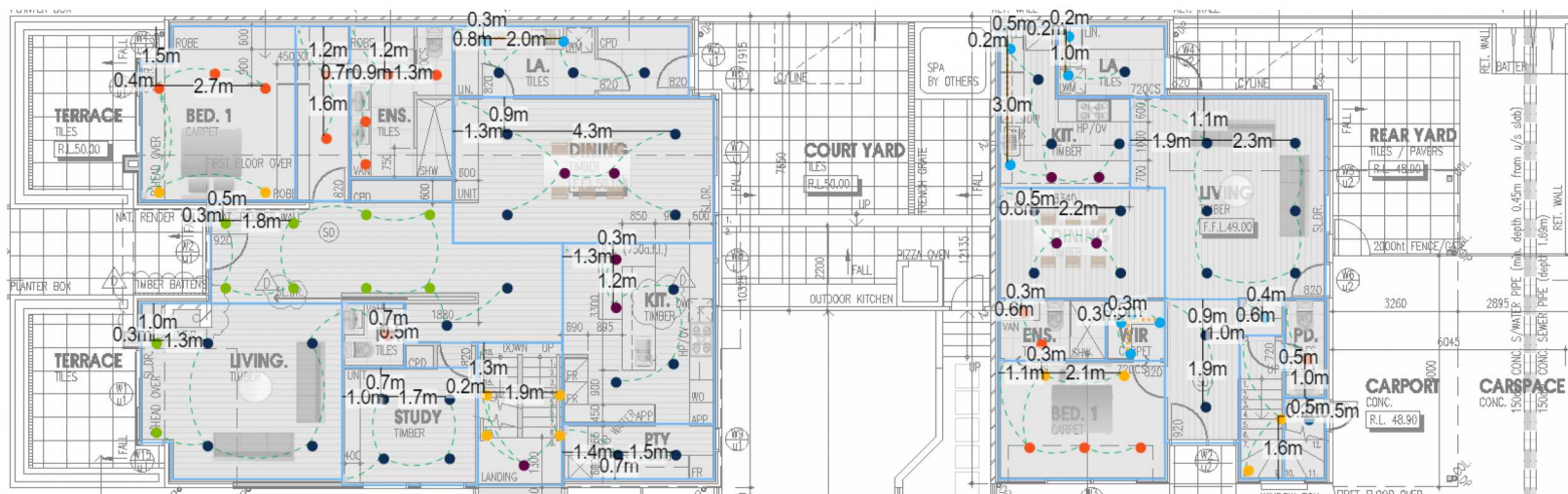
Electrical






| |
|-----------------------------|
| Total Power: 1258.8W |
| Legal Power Limit: 5W p/sqm |
| Average Power: 4.7W p/sqm |

Photometric

| |
|-----------------------------|
| Recommended Lumens: 72419lm |
| Reached Lumens: 76322lm |

Summary



| Product | Units |
|--|----------|
|  D700+-CR-3K-55-W | 16 |
| light-switch | 24 |
|  W200-CR-3K-9075-W | 10 |
| double-bed | 2 |
| bathroom-sink | 5 |
| toilet | 4 |
|  D900+-CR-3K-45-W | 38 |
|  120S-LM-3K-120-C | 11 |
| kitchen-sink | 3 |
|  D550.SH-CR-3K-36-W | 10 |
| small-table | 2 |
| couch | 4 |
|  P900-CR-3K-45-W | 9 |
| table | 2 |
| stove | 2 |
|  D900.SH-CR-4K-45-W | 1 |
| Wiring | ~136.84m |

| | | | |
|-----------------|------------------------------|--------------------------------|--------------------------------|
| Lighting Design | PREPARE FOR: Ground Floor | Client: Veronica (About Space) | Designer: Andrew |
| | | Date: 18/05/2016 | Contact: |
| | | Square Metres: 269.5sqm | Email: andrewk@brightgreen.com |

Summary

Ground Floor - 1 - Bedroom 1 Hall

Electrical

Total Power: 28W

Recommended Wattage: 31.5W

Average Power: 4.4W p/sqm

Photometric

Recommended Lumens: 1767lm

Reached Lumens: 1560lm

Reflectivity: Light

Assets

d700+-cr-3k-55-w: 2

light-switch: 1

Ground Floor - 1 - Bedroom 1

Electrical

Total Power: 53W

Recommended Wattage: 90.5W

Average Power: 2.9W p/sqm

Photometric

Recommended Lumens: 5053lm

Reached Lumens: 2740lm

Reflectivity: Light

Assets

d700+-cr-3k-55-w: 3

w200-cr-3k-9075-w: 2

light-switch: 1

double-bed: 1

Ground Floor - 1 - Ensuite

Electrical

Total Power: 56W

Recommended Wattage: 52.5W

Average Power: 5.3W p/sqm

Photometric

Recommended Lumens: 2935lm

Reached Lumens: 3120lm

Reflectivity: Light

Assets

d700+-cr-3k-55-w: 4

light-switch: 1

bathroom-sink: 2

toilet: 1

Summary

Ground Floor - 1 - Laundry

Electrical

Total Power: 68.1W

Recommended Wattage: 55.5W

Average Power: 6.1W p/sqm

Photometric

Recommended Lumens: 6221lm

Reached Lumens: 4695lm

Reflectivity: Light

Assets

d900+-cr-3k-45-w: 3

120s-lm-3k-120-c: 2

light-switch: 1

kitchen-sink: 1

Ground Floor - 1 - Living

Electrical

Total Power: 83.2W

Recommended Wattage: 118.5W

Average Power: 3.5W p/sqm

Photometric

Recommended Lumens: 4409lm

Reached Lumens: 5120lm

Reflectivity: Light

Assets

d900+-cr-3k-45-w: 4

d550.sh-cr-3k-36-w: 2

light-switch: 1

small-table: 1

couch: 2

Ground Floor - 1 - Hallway/

Electrical

Total Power: 104.6W

Recommended Wattage: 166.5W

Average Power: 3.1W p/sqm

Photometric

Recommended Lumens: 6200lm

Reached Lumens: 6410lm

Reflectivity: Light

Assets

d550.sh-cr-3k-36-w: 8

d900+-cr-3k-45-w: 2

light-switch: 1

Summary

Ground Floor - 1 - Dining Room

Electrical

Total Power: 98.2W

Recommended Wattage: 127.5W

Average Power: 3.9W p/sqm

Photometric

Recommended Lumens: 4740lm

Reached Lumens: 5820lm

Reflectivity: Light

Assets

d900+-cr-3k-45-w: 4

p900-cr-3k-45-w: 2

light-switch: 1

table: 1

Ground Floor - 1 - Kitchen

Electrical

Total Power: 81.9W

Recommended Wattage: 91.5W

Average Power: 4.5W p/sqm

Photometric

Recommended Lumens: 5445lm

Reached Lumens: 4815lm

Reflectivity: Light

Assets

d900+-cr-3k-45-w: 3

p900-cr-3k-45-w: 2

light-switch: 1

kitchen-sink: 1

stove: 1

Ground Floor - 1 - Pantry

Electrical

Total Power: 32.6W

Recommended Wattage: 28W

Average Power: 5.8W p/sqm

Photometric

Recommended Lumens: 1654lm

Reached Lumens: 2010lm

Reflectivity: Light

Assets

d900+-cr-3k-45-w: 2

light-switch: 1

Summary

Ground Floor - 1 - Study

Electrical

Total Power: 65.2W

Recommended Wattage: 53W

Average Power: 6.2W p/sqm

Photometric

Recommended Lumens: 4746lm

Reached Lumens: 4020lm

Reflectivity: Light

Assets

d900+-cr-3k-45-w: 4

light-switch: 1

Ground Floor - 1 - Powder Room

Electrical

Total Power: 14W

Recommended Wattage: 13.5W

Average Power: 5.2W p/sqm

Photometric

Recommended Lumens: 755lm

Reached Lumens: 780lm

Reflectivity: Light

Assets

d700+-cr-3k-55-w: 1

light-switch: 1

toilet: 1

bathroom-sink: 1

Ground Floor - 1 - Stairway

Electrical

Total Power: 38.5W

Recommended Wattage: 40.5W

Average Power: 4.8W p/sqm

Photometric

Recommended Lumens: 1966lm

Reached Lumens: 1700lm

Reflectivity: Dark

Assets

p900-cr-3k-45-w: 1

w200-cr-3k-9075-w: 4

light-switch: 1

Summary

Ground Floor - 2 - Kitchen

Electrical

Total Power: 101.1W

Recommended Wattage: 71.5W

Average Power: 7.1W p/sqm

Photometric

Recommended Lumens: 5093lm

Reached Lumens: 6495lm

Reflectivity: Medium

Assets

p900-cr-3k-45-w: 2

d900+-cr-3k-45-w: 3

120s-lm-3k-120-c: 2

light-switch: 1

stove: 1

kitchen-sink: 1

Ground Floor - 2 - Laundry

Electrical

Total Power: 35.5W

Recommended Wattage: 25.5W

Average Power: 7W p/sqm

Photometric

Recommended Lumens: 2852lm

Reached Lumens: 2685lm

Reflectivity: Light

Assets

d900+-cr-3k-45-w: 1

120s-lm-3k-120-c: 2

light-switch: 1

Ground Floor - 2 - Dining

Electrical

Total Power: 98.2W

Recommended Wattage: 62W

Average Power: 7.9W p/sqm

Photometric

Recommended Lumens: 3766lm

Reached Lumens: 5820lm

Reflectivity: Dark

Assets

p900-cr-3k-45-w: 2

d900+-cr-3k-45-w: 4

light-switch: 1

table: 1

Summary

Ground Floor - 2 - Living Room

Electrical

Total Power: 97.8W

Recommended Wattage: 132W

Average Power: 3.7W p/sqm

Photometric

Recommended Lumens: 4905lm

Reached Lumens: 6030lm

Reflectivity: Light

Assets

d900+-cr-3k-45-w: 6

light-switch: 1

small-table: 1

couch: 2

Ground Floor - 2 - Ensuite

Electrical

Total Power: 28W

Recommended Wattage: 22W

Average Power: 6.4W p/sqm

Photometric

Recommended Lumens: 1230lm

Reached Lumens: 1560lm

Reflectivity: Light

Assets

d700+-cr-3k-55-w: 2

light-switch: 1

bathroom-sink: 1

toilet: 1

Ground Floor - 2 - WIR

Electrical

Total Power: 38.4W

Recommended Wattage: 12W

Average Power: 16W p/sqm

Photometric

Recommended Lumens: 2199lm

Reached Lumens: 3360lm

Reflectivity: Dark

Assets

120s-lm-3k-120-c: 4

light-switch: 1

Summary

Ground Floor - 2 - Bedroom 1

Electrical

Total Power: 53W

Recommended Wattage: 65.5W

Average Power: 4W p/sqm

Photometric

Recommended Lumens: 3658lm

Reached Lumens: 2740lm

Reflectivity: Light

Assets

d700+-cr-3k-55-w: 3

w200-cr-3k-9075-w: 2

light-switch: 1

double-bed: 1

Ground Floor - 2 - Stairway

Electrical

Total Power: 11W

Recommended Wattage: 21.5W

Average Power: 2.6W p/sqm

Photometric

Recommended Lumens: 1038lm

Reached Lumens: 400lm

Reflectivity: Dark

Assets

w200-cr-3k-9075-w: 2

light-switch: 1

Ground Floor - 2 - Store (Indoor)

Electrical

Total Power: 9.6W

Recommended Wattage: 5.5W

Average Power: 8.7W p/sqm

Photometric

Recommended Lumens: 160lm

Reached Lumens: 840lm

Reflectivity: Light

Assets

120s-lm-3k-120-c: 1

light-switch: 1

Summary

Ground Floor - 2 - Powder Room

Electrical

Total Power: 14W

Recommended Wattage: 13.5W

Average Power: 5.2W p/sqm

Photometric

Recommended Lumens: 755lm

Reached Lumens: 780lm

Reflectivity: Light

Assets

d700+-cr-3k-55-w: 1

light-switch: 1

bathroom-sink: 1

toilet: 1

Ground Floor - 2 - Store (Outdoor)

Electrical

Total Power: 16.3W

Recommended Wattage: 11.5W

Average Power: 7.1W p/sqm

Photometric

Recommended Lumens: 337lm

Reached Lumens: 812lm

Reflectivity: Light

Assets

d900.sh-cr-4k-45-w: 1

light-switch: 1

Ground Floor - 2 - Hallway

Electrical

Total Power: 32.6W

Recommended Wattage: 36W

Average Power: 4.5W p/sqm

Photometric

Recommended Lumens: 535lm

Reached Lumens: 2010lm

Reflectivity: Light

Assets

d900+-cr-3k-45-w: 2

light-switch: 1

First Floor

First Floor summary

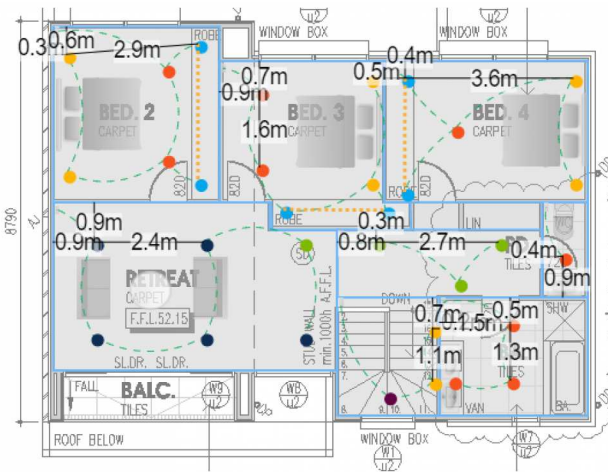
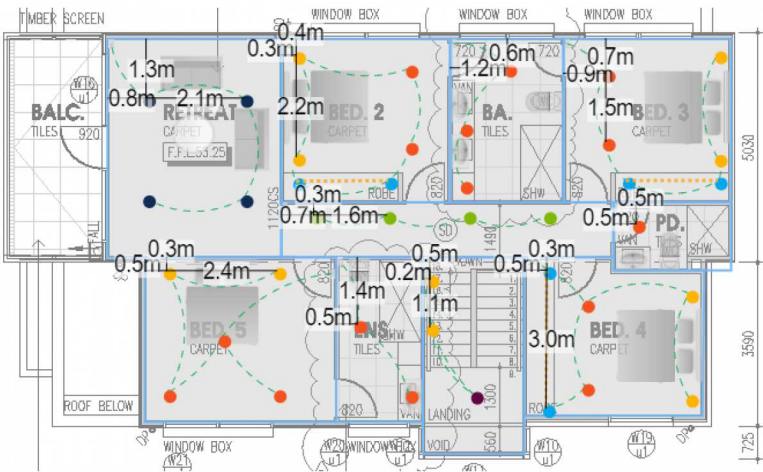
Electrical

| |
|-----------------------------|
| Total Power: 801.9W |
| Legal Power Limit: 5W p/sqm |
| Average Power: 4.1W p/sqm |

Photometric

| |
|-----------------------------|
| Recommended Lumens: 46463lm |
| Reached Lumens: 47645lm |

Summary



| Product | Units |
|----------------------|----------|
| ● D900+-CR-3K-45-W | 9 |
| light-switch | 18 |
| small-table | 2 |
| couch | 4 |
| ● D700+-CR-3K-55-W | 24 |
| ● W200-CR-3K-9075-W | 18 |
| ● 120S-LM-3K-120-C | 12 |
| double-bed | 7 |
| bathroom-sink | 7 |
| toilet | 5 |
| ● D550.SH-CR-3K-36-W | 8 |
| ● P900-CR-3K-45-W | 2 |
| Wiring | ~119.27m |

Lighting Design

PREPARE FOR:
First Floor

Client: Veronica (About Space)

Designer: Andrew

Date: 18/05/2016

Contact:

Square Metres: 197.1sqm

Email: andrewk@brightgreen.com

Summary

First Floor - 1 - Retreat

Electrical

Total Power: 65.2W

Recommended Wattage: 89.5W

Average Power: 3.6W p/sqm

Photometric

Recommended Lumens: 3335lm

Reached Lumens: 4020lm

Reflectivity: Light

Assets

d900+-cr-3k-45-w: 4

light-switch: 1

small-table: 1

couch: 2

First Floor - 1 - Bedroom 2

Electrical

Total Power: 58.2W

Recommended Wattage: 65W

Average Power: 4.5W p/sqm

Photometric

Recommended Lumens: 3638lm

Reached Lumens: 3640lm

Reflectivity: Light

Assets

d700+-cr-3k-55-w: 2

w200-cr-3k-9075-w: 2

120s-lm-3k-120-c: 2

light-switch: 1

double-bed: 1

First Floor - 1 - Bathroom

Electrical

Total Power: 42W

Recommended Wattage: 43.5W

Average Power: 4.8W p/sqm

Photometric

Recommended Lumens: 2439lm

Reached Lumens: 2340lm

Reflectivity: Light

Assets

d700+-cr-3k-55-w: 3

light-switch: 1

bathroom-sink: 2

toilet: 1

Summary

First Floor - 1 - Bedroom 3

Electrical

Total Power: 58.2W

Recommended Wattage: 64.5W

Average Power: 4.5W p/sqm

Photometric

Recommended Lumens: 3607lm

Reached Lumens: 3640lm

Reflectivity: Light

Assets

w200-cr-3k-9075-w: 2

d700+-cr-3k-55-w: 2

120s-lm-3k-120-c: 2

light-switch: 1

double-bed: 1

First Floor - 1 - Powder Room

Electrical

Total Power: 14W

Recommended Wattage: 19W

Average Power: 3.7W p/sqm

Photometric

Recommended Lumens: 1054lm

Reached Lumens: 780lm

Reflectivity: Light

Assets

d700+-cr-3k-55-w: 1

light-switch: 1

bathroom-sink: 1

toilet: 1

First Floor - 1 - Hallway

Electrical

Total Power: 36W

Recommended Wattage: 43W

Average Power: 4.2W p/sqm

Photometric

Recommended Lumens: 1047lm

Reached Lumens: 2200lm

Reflectivity: Dark

Assets

d550.sh-cr-3k-36-w: 4

light-switch: 1

Summary

First Floor - 1 - Bedroom 5

Electrical

Total Power: 53W

Recommended Wattage: 74.5W

Average Power: 3.6W p/sqm

Photometric

Recommended Lumens: 4144lm

Reached Lumens: 2740lm

Reflectivity: Light

Assets

d700+-cr-3k-55-w: 3

w200-cr-3k-9075-w: 2

light-switch: 1

double-bed: 1

First Floor - 1 - Ensuite

Electrical

Total Power: 28W

Recommended Wattage: 33.5W

Average Power: 4.2W p/sqm

Photometric

Recommended Lumens: 1871lm

Reached Lumens: 1560lm

Reflectivity: Light

Assets

d700+-cr-3k-55-w: 2

light-switch: 1

toilet: 1

bathroom-sink: 1

First Floor - 1 - Stairway

Electrical

Total Power: 27.5W

Recommended Wattage: 47W

Average Power: 2.9W p/sqm

Photometric

Recommended Lumens: 1406lm

Reached Lumens: 1300lm

Reflectivity: Light

Assets

p900-cr-3k-45-w: 1

w200-cr-3k-9075-w: 2

light-switch: 1

Summary

First Floor - 1 - Bedroom 4

Electrical

Total Power: 58.2W

Recommended Wattage: 67.5W

Average Power: 4.3W p/sqm

Photometric

Recommended Lumens: 3751lm

Reached Lumens: 3640lm

Reflectivity: Light

Assets

w200-cr-3k-9075-w: 2

d700+-cr-3k-55-w: 2

120s-lm-3k-120-c: 2

light-switch: 1

double-bed: 1

First Floor - 2 - Retreat

Electrical

Total Power: 90.5W

Recommended Wattage: 112.5W

Average Power: 4W p/sqm

Photometric

Recommended Lumens: 4189lm

Reached Lumens: 5575lm

Reflectivity: Light

Assets

d550.sh-cr-3k-36-w: 1

d900+-cr-3k-45-w: 5

light-switch: 1

small-table: 1

couch: 2

First Floor - Room 12

Electrical

Total Power: 27.5W

Recommended Wattage: 28.5W

Average Power: 4.8W p/sqm

Photometric

Recommended Lumens: 425lm

Reached Lumens: 1300lm

Reflectivity: Light

Assets

w200-cr-3k-9075-w: 2

p900-cr-3k-45-w: 1

light-switch: 1

First Floor - 2 - Bathroom

Electrical

Total Power: 42W

Recommended Wattage: 41.5W

Average Power: 5.1W p/sqm

Photometric

Recommended Lumens: 2305lm

Reached Lumens: 2340lm

Reflectivity: Light

Assets

d700+-cr-3k-55-w: 3

light-switch: 1

bathroom-sink: 2

toilet: 1

First Floor - 2 - Powder Room

Electrical

Total Power: 14W

Recommended Wattage: 10W

Average Power: 7W p/sqm

Photometric

Recommended Lumens: 569lm

Reached Lumens: 780lm

Reflectivity: Light

Assets

d700+-cr-3k-55-w: 1

light-switch: 1

toilet: 1

bathroom-sink: 1

First Floor - 2 - Bedroom 4

Electrical

Total Power: 44.2W

Recommended Wattage: 68W

Average Power: 3.3W p/sqm

Photometric

Recommended Lumens: 3793lm

Reached Lumens: 2860lm

Reflectivity: Light

Assets

w200-cr-3k-9075-w: 2

d700+-cr-3k-55-w: 1

120s-lm-3k-120-c: 2

light-switch: 1

double-bed: 1

Summary

First Floor - 2 - Bedroom 3

Electrical

Total Power: 58.2W

Recommended Wattage: 76W

Average Power: 3.8W p/sqm

Photometric

Recommended Lumens: 4247lm

Reached Lumens: 3640lm

Reflectivity: Light

Assets

d700+-cr-3k-55-w: 2

w200-cr-3k-9075-w: 2

120s-lm-3k-120-c: 2

light-switch: 1

double-bed: 1

First Floor - 2 - Hallway

Electrical

Total Power: 27W

Recommended Wattage: 33W

Average Power: 4.1W p/sqm

Photometric

Recommended Lumens: 799lm

Reached Lumens: 1650lm

Reflectivity: Dark

Assets

d550.sh-cr-3k-36-w: 3

light-switch: 1

First Floor - 2 - Bedroom 2

Electrical

Total Power: 58.2W

Recommended Wattage: 69W

Average Power: 4.2W p/sqm

Photometric

Recommended Lumens: 3844lm

Reached Lumens: 3640lm

Reflectivity: Light

Assets

d700+-cr-3k-55-w: 2

w200-cr-3k-9075-w: 2

120s-lm-3k-120-c: 2

light-switch: 1

double-bed: 1

Additional notes

* All D550 SH Curve indicated on plan only serve as representation and shall be replaced with D550 Curve downlights.

1. General lighting

- a. D700+ have been used as general downlighting for the private spaces (Bedrooms, Bathrooms, Powder Rooms).
- b. D900+ have been used as general downlighting for the communal, gathering spaces (Retreat, Living Rooms, Dining Rooms) and activity-heavy spaces (Laundry, Kitchen, Pantry, Study).
- c. D550 Curve have been used as general downlighting for hallways and corridors. These shall be installed at 300mm away from the wall; the wall lightwash created provides soft indirect light diffused from the surface of the wall.

2. Bedrooms

- a. A pair of W200 Curve wall lights is provided at opposite sides of the bed, installed in the ceiling 300mm away from the adjacent wall. This lightwashing provides diffused, indirect bedside lighting or additional ambient lighting, while keeping any glare away from the eyes of any person on the bed.
- b. Where applic