



Wesley Chapel

Installation : Proposed New Lighting

Project number : QUO-67233-G0X7L7

Customer :

Processed by : Nicholas Gwilliam

Date : 27.07.2022

Project description:

All room/exterior area dimensions to be checked on-site prior to ordering.

It is the responsibility of the customer to ensure any scheme provided by Ansell meets all requirements of the end user.

The following values are based on precise calculations performed on calibrated lamps and luminaires, and their configurations, whereby gradual, unavoidable deviations can occur in practice. All guarantee claims are excluded for the specified data.

This exclusion of liability applies irrespective of the legal grounds for both damages and consequential damages suffered by users and third parties.

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1 Luminaire data

1.1 ANSELL, AMENITY - Taurus LED (ATALEDB/1000)

1.1.1 Data sheet

Manufacturer: ANSELL



ATALEDB/1000 Freestanding uplighter AMENITY - Taurus LED

ATALEDB/1000

Amenity

Taurus LED

Supplied c/w Integral Driver

- Robust die-cast aluminium bollard with a textured graphite finish
- Die-cast aluminium head with polycarbonate lens
- Integral emergency option
- Supplied c/w root mounting kit
- LED lifespan L70 50,000 hours
- Non-dimmable

- Suitable for external use only
- 5 Year Product Warranty
- IP65

Luminaire data

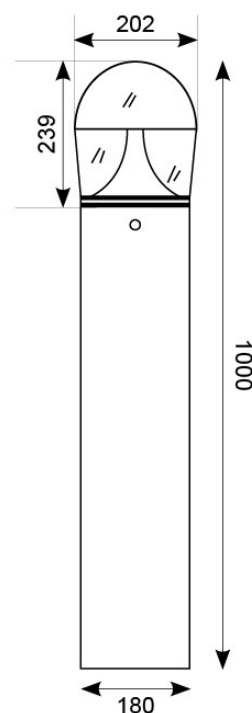
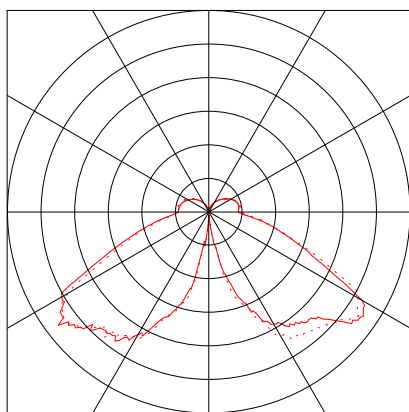
Absolute Photometry

Luminaire efficacy	: 98.21 lm/W
Classification	: B21 ↓83.5% ↑16.5%
CIE Flux Codes	: 27 65 90 83 100
UGR 4H 8H	: 25.1 / 24.7
Control gear	: Electronic ballast
Power	: 24.6 W
Luminous flux	: 2416 lm

Dimensions : Ø200 mm x 90 mm

Equipped with

Quantity	: 1
Designation	: LED
Colour	: 840/4000K
Socket	: --
Colour reproduction	: 1B/80...89



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1 Luminaire data

1.2 ANSELL, AMENITY - Lucca LED CC... (ALUCLED/B - CW 27W)

1.2.1 Data sheet

Manufacturer: ANSELL



ALUCLED/B - CW 27W ceiling surface fixed wall wash luminaire **AMENITY - Lucca LED CCT Black**

ALUCLED/B

Amenity Architectural Die-Cast Wall

Lucca LED CCT

Supplied c/w Integral Driver

- Die-cast aluminium construction with tamperproof stainless steel allen key screws to retain opal polycarbonate diffuser and frame
 - One product with integral switches for multi-wattage and selectable CCT options
 - 18 W exceeds performance of 38 W TC-DD
 - 27 W exceeds performance of 2x26W PL-C
 - LED lifespan L70 60,000 hours
 - Non-dimmable
-
- Suitable for external use only
 - 5 Year Product Warranty
 - IP65

Luminaire data

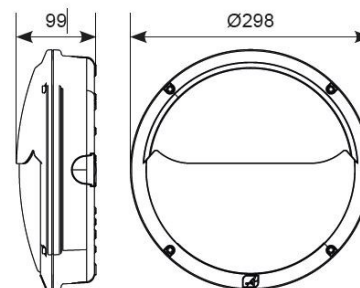
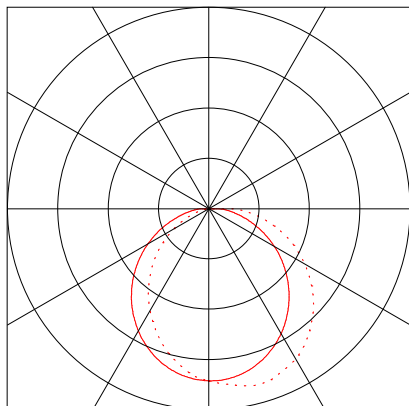
Absolute Photometry

Luminaire efficacy : 71.58 lm/W
Classification : A40 ↓100.0% ↑0.0%
CIE Flux Codes : 46 76 93 100 100
UGR 4H 8H : 22.7 / 17.1
Control gear : Electronic ballast
Power : 27.2 W
Luminous flux : 1947 lm

Equipped with

Quantity : 1
Designation : LED
Colour : 840/4000K
Socket : --
Colour reproduction : 1B/80...89

Dimensions : Ø325 mm x 125 mm



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2 Exterior 1

2.1 Description, Exterior 1

2.1.1 Floor plan



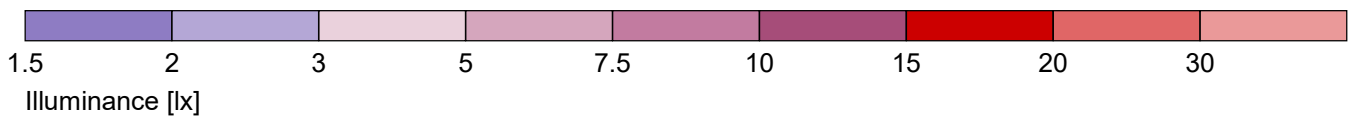
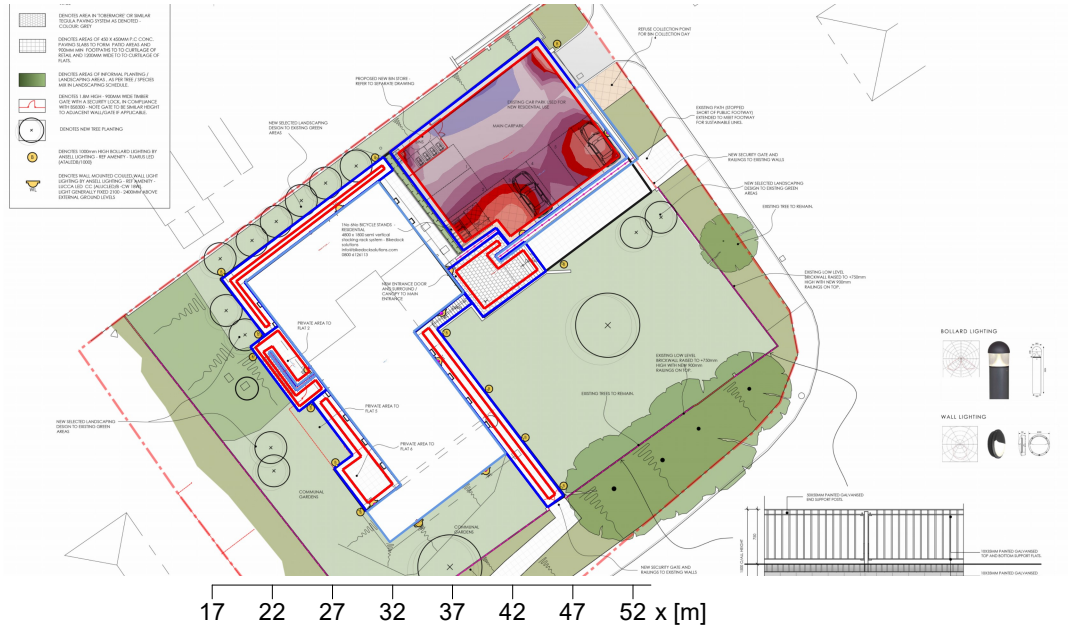
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2 Exterior 1

2.2 Summary, Exterior 1

2.2.1 Result overview, Evaluation area 1



General

Calculation algorithm used
 Maintenance factor

Average indirect fraction
 0.80

Total luminous flux
 Total power
 Total power per area (183.72 m²)

3894.00 lm
 54.4 W
 0.30 W/m² (2.85 W/m²/100lx)

Evaluation area 1

Reference plane 1.1

Horizontal
 Em
 Emin
 Emin/Em (Uo)
 Position

10.4 lx
 2 lx
 0.19
 0.00 m

Type No. Make

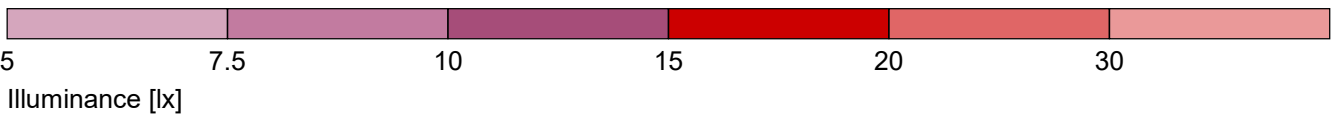
2 x **ANSELL**
 Order No. : ALUCLED/B - CW 27W
 Luminaire name : AMENITY - Lucca LED CCT Black
 Equipment : 1 x LED 27.2 W / 1947 lm

Object : Wesley Chapel
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2.2 Summary, Exterior 1

2.2.2 Result overview, Evaluation area 2



General

Calculation algorithm used
 Maintenance factor

Average indirect fraction
 0.80

Total luminous flux
 Total power
 Total power per area (28.99 m²)

1947.00 lm
 27.2 W
 0.94 W/m² (5.79 W/m²/100lx)

Evaluation area 2

Reference plane 2.1

Horizontal
 Em
 Emin
 Emin/Em (Uo)
 Position

16.2 lx
 5.9 lx
 0.36
 0.00 m

Type No. Make

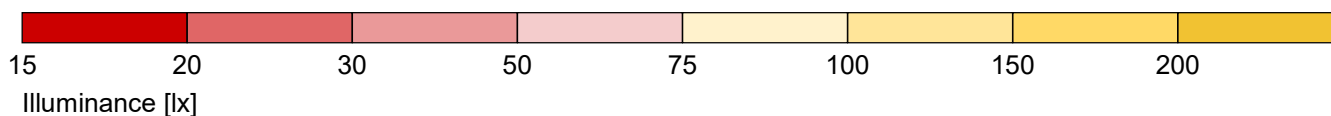
2 1 x
 **ANSELL**
 Order No. : ALUCLED/B - CW 27W
 Luminaire name : AMENITY - Lucca LED CCT Black
 Equipment : 1 x LED 27.2 W / 1947 lm

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2.2 Summary, Exterior 1

2.2.3 Result overview, Evaluation area 3



General

Calculation algorithm used
 Maintenance factor

Average indirect fraction
 0.80

Total luminous flux
 Total power
 Total power per area (34.27 m²)

3894.00 lm
 54.4 W
 1.59 W/m² (1.95 W/m²/100lx)

Evaluation area 3

Reference plane 3.1

Horizontal
 Em
 Emin
 Emin/Em (Uo)
 Position

81.3 lx
 18.3 lx
 0.23
 0.00 m

Type No. \ Make

2 x **ANSELL**
 Order No. : ALUCLED/B - CW 27W
 Luminaire name : AMENITY - Lucca LED CCT Black
 Equipment : 1 x LED 27.2 W / 1947 lm

The logo for Ansell Lighting, featuring a stylized white 'A' followed by 'nsell' in a bold sans-serif font, with 'LIGHTING' in a smaller sans-serif font below it, all set against a dark red background.

2.2.4 Result overview, Evaluation area 4

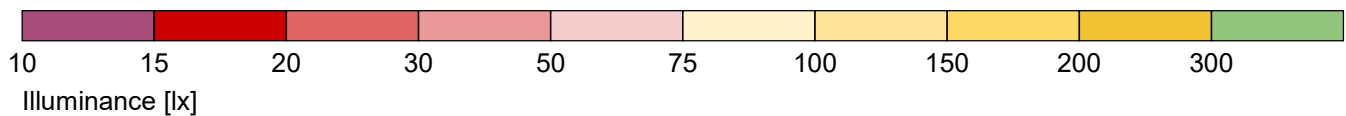
Order No. : ALUCLED/B - CW 27W
Luminaire name : AMENITY - Lucca LED CCT Black
Equipment : 1 x LED 27.2 W / 1947 lm

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2.2 Summary, Exterior 1

2.2.5 Result overview, Evaluation area 5



General

Calculation algorithm used
 Maintenance factor

Average indirect fraction
 0.80

Total luminous flux
 Total power
 Total power per area (18.34 m²)

1947.00 lm
 27.2 W
 1.48 W/m² (1.70 W/m²/100lx)

Evaluation area 5

Reference plane 5.1

Horizontal
 Em
 Emin
 Emin/Em (Uo)
 Position

87 lx
 10.1 lx
 0.12
 0.00 m

Type No. \ Make

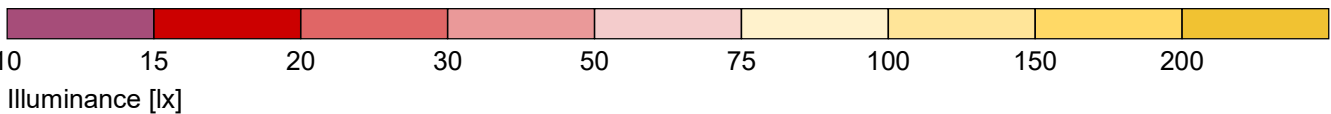
2 1 x
 **ANSELL**
 Order No. : ALUCLED/B - CW 27W
 Luminaire name : AMENITY - Lucca LED CCT Black
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2.2 Summary, Exterior 1

2.2.6 Result overview, Evaluation area 6



General

Calculation algorithm used
 Maintenance factor

Average indirect fraction
 0.80

Total luminous flux
 Total power
 Total power per area (25.06 m²)

4363.00 lm
 51.8 W
 2.07 W/m² (4.01 W/m²/100lx)

Evaluation area 6

Reference plane 6.1

Horizontal

Em
 Emin
 Emin/Em (Uo)
 Position

51.5 lx
 13.5 lx
 0.26
 0.00 m

Type No. Make

- | | | | | |
|---|-----|---|----------------|---------------------------------|
| 1 | 1 x |  | ANSELL | |
| | | | Order No. | : ATALEDB/1000 |
| | | | Luminaire name | : AMENITY - Taurus LED |
| | | | Equipment | : 1 x LED 24.6 W / 2416 lm |
| 2 | 1 x |  | ANSELL | |
| | | | Order No. | : ALUCLED/B - CW 27W |
| | | | Luminaire name | : AMENITY - Lucca LED CCT Black |
| | | | Equipment | : 1 x LED 27.2 W / 1947 lm |