



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.

Please Note: this design has been done as a point for point as requested by the customer.

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 - Leo CCT LED ... (ALEOLED/CCT/045...)

1.1.1 Data sheet

Manufacturer: ANSELL



ALEOLED/CCT/045/GR - CW **Freestanding uplighter** **AMENITY - Leo CCT LED Polycarbonate Bollard**
ALEOLED/CCT/045/GR
AMENITY
Leo CCT LED Polycarbonate Bollard
LED 8W

Supplied c/w Integral Driver

- Modern styled bollard with polycarbonate construction
 - White reflector with clear polycarbonate diffuser
 - Polycarbonate construction is ideal for coastal applications
 - Suitable for domestic and commercial applications
 - Supplied c/w root mounting kit, can be surface mounted with rawbolts
 - CCT selectable between 3000K and 4000K
 - LED lifespan L70 61,000 hours
 - Non-dimmable
-
- Suitable for external use only
 - 3 Year Product Warranty
 - IP65

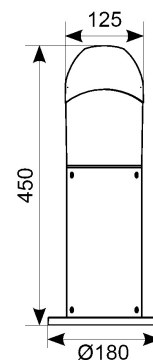
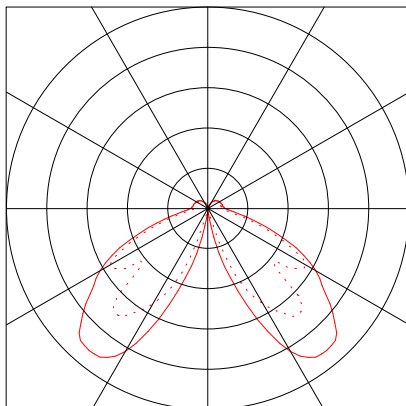
Luminaire data

Luminaire efficiency : 67.084%
Luminaire efficacy : 73.96 lm/W
Classification : B31 ↓89.3% ↑10.7%
CIE Flux Codes : 32 72 93 89 67
UGR 4H 8H : 22.1 / 20.9
Control gear : Electronic ballast
Power : 8 W
Luminous flux : 591.7 lm

Equipped with

Quantity : 1
Designation : LED
Colour : 840/4000K
Luminous flux : 882 lm
Socket : --
Colour reproduction : 1B/80...89

Dimensions : Ø120 mm x 130 mm



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

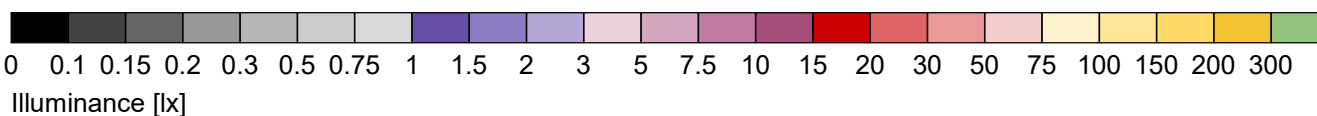
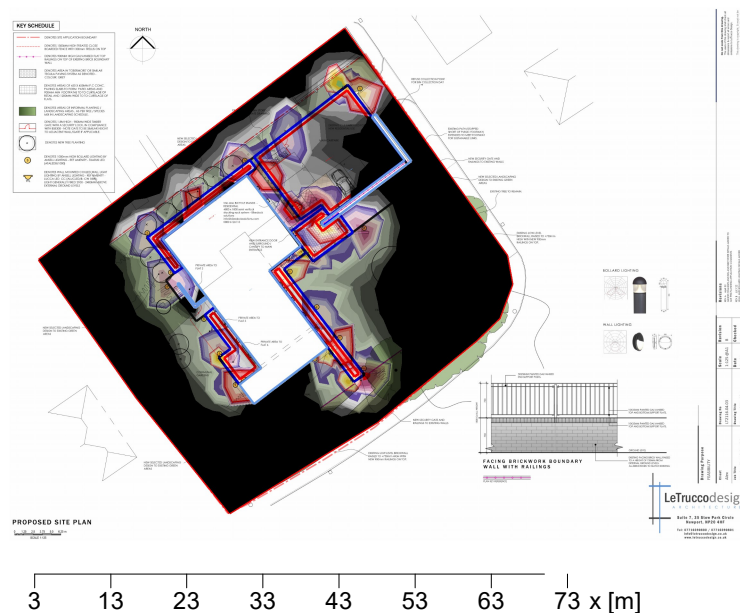
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2 Exterior 1

2.2 Summary, Exterior 1

2.2.1 Result overview, Measuring area 1



General

Calculation algorithm used	Average indirect fraction
Height of evaluation surface	0.00 m
Height (phot centre) [m]:	0.35 m
Maintenance factor	0.80
Total luminous flux	21168 lm
Total power	192 W
Total power per area (387.37 m²)	0.50 W/m²

Illuminance

Average illuminance	Em	6 lx
Minimum illuminance	Emin	0 lx
Maximum illuminance	Emax	357 lx
Uniformity Uo	Emin/Em	1:1140 (0)

Type No. Make

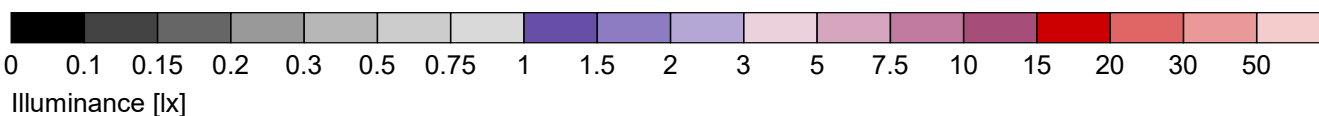
1	24 x	ANSELL	Order No.	: ALEOLED/CCT/045/GR - CW
			Luminaire name	: AMENITY - Leo CCT LED Polycarbonate Bollard
			Equipment	: 1 x LED 8 W / 882 lm

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2.2 Summary, Exterior 1

2.2.2 Result overview, Evaluation area 1



General

Calculation algorithm used
 Height (phot centre)
 Maintenance factor

Average indirect fraction
 0.35 m
 0.80

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

882.00 lm
 8.0 W
 0.04 W/m² (2.83 W/m²/100lx)

Evaluation area 1

Reference plane 1.1

Horizontal
 Em
 Emin
 Emin/Em (Uo)
 Position

1.54 lx
 0.08 lx
 0.05
 0.00 m

Type No. Make

1 1 x **ANSELL**
 Order No. : ALEOLED/CCT/045/GR - CW
 Luminaire name : AMENITY - Leo CCT LED Polycarbonate Bollard
 Equipment : 1 x LED 8 W / 882 lm

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2.2 Summary, Exterior 1

2.2.3 Result overview, Evaluation area 2



General

Calculation algorithm used
 Height (phot centre)
 Maintenance factor

Average indirect fraction
 0.35 m
 0.80

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

2646.00 lm
 24.0 W
 0.83 W/m² (6.73 W/m²/100lx)

Evaluation area 2

Reference plane 2.1

Horizontal
 Em
 Emin
 Emin/Em (Uo)
 Position

12.3 lx
 0.8 lx
 0.07
 0.00 m

Type No. Make

1 3 x **ANSELL**
 Order No. : ALEOLED/CCT/045/GR - CW
 Luminaire name : AMENITY - Leo CCT LED Polycarbonate Bollard
 Equipment : 1 x LED 8 W / 882 lm

The logo for Ansell Lighting, featuring a stylized white 'A' followed by the word 'Ansell' in a bold sans-serif font, with 'LIGHTING' in a smaller sans-serif font below it. The entire logo is set against a dark blue background.

2.2.4 Result overview, Evaluation area 3



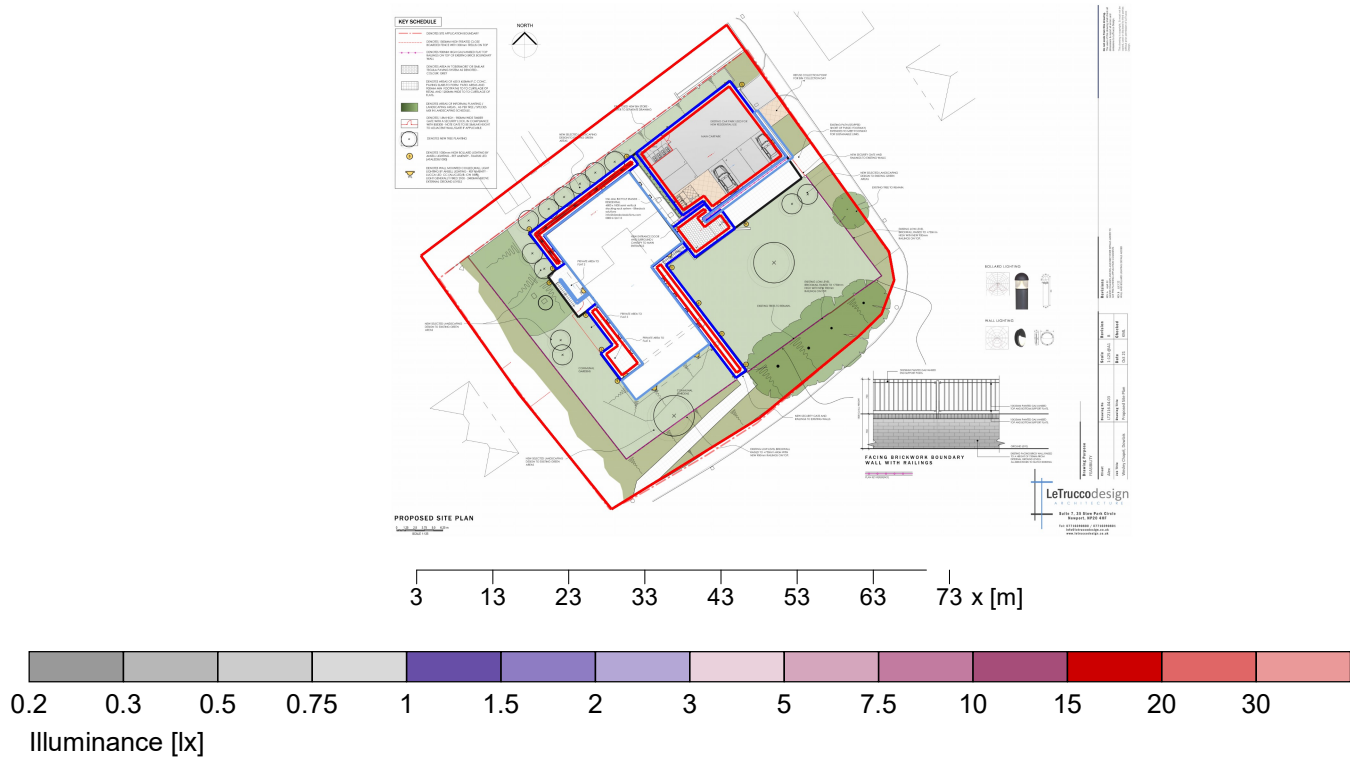
Type No.\Make

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2.2 Summary, Exterior 1

2.2.5 Result overview, Evaluation area 4



General

Calculation algorithm used	Average indirect fraction
Height (phot centre)	0.35 m
Maintenance factor	0.80
Total luminous flux	882.00 lm
Total power	8.0 W
Total power per area (29.40 m ²)	0.27 W/m ² (4.92 W/m ² /100lx)

Evaluation area 4

Reference plane 4.1

Horizontal	5.53 lx
Em	0.24 lx
Emin	0.04
Emin/Em (Uo)	0.00 m
Position	

Type No. Make

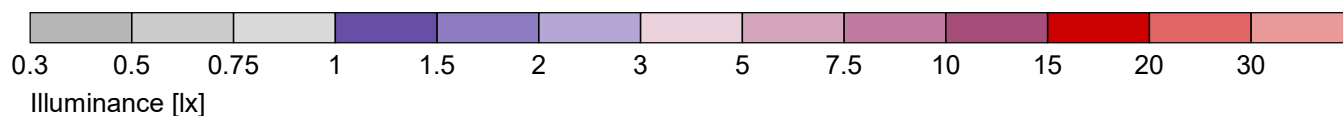
1	1 x	ANSELL	Order No.	: ALEOLED/CCT/045/GR - CW
			Luminaire name	: AMENITY - Leo CCT LED Polycarbonate Bollard
			Equipment	: 1 x LED 8 W / 882 lm

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2.2 Summary, Exterior 1

2.2.6 Result overview, Evaluation area 6



General

Calculation algorithm used
 Height (phot centre)
 Maintenance factor

Average indirect fraction
 0.35 m
 0.80

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

882.00 lm
 8.0 W
 0.32 W/m² (15.19 W/m²/100lx)

Evaluation area 6

Reference plane 6.1

Horizontal
 Em
 Emin
 Emin/Em (Uo)
 Position

2.1 lx
 0.49 lx
 0.23
 0.00 m

Type No. Make

1 1 x



ANSELL

Order No. : ALEOLED/CCT/045/GR - CW
 Luminaire name : AMENITY - Leo CCT LED Polycarbonate Bollard
 Equipment : 1 x LED 8 W / 882 lm