

Object : Horwich Health Hub Externals Rev B
Installation : Proposed New Lighting
Project number : QUO-86980-X8T6Z0
Date : 29.01.2024



1 Luminaire data

1.1 ANSELL, BOLLARDS - Avio 3000K... (AAVIO/900/BL/WW ...)

1.1.1 Data sheet

Manufacturer: ANSELL



AAVIO/900/BL/WW + AAVIO/HS/BL Freestanding uplighter BOLLARDS - Avio 3000K

AAVIO/900/BL/WW

AMENITY

Avio LED Bollard

LED

- Robust die-cast aluminium bollard with a choice of textured finishes suitable for commercial applications
- Half-shield lens option to offer single direction output
- Supplied c/w root mounting kit
- Non-dimmable
- Suitable for external use only
- 5 Year Product Warranty
- IP65

Luminaire data

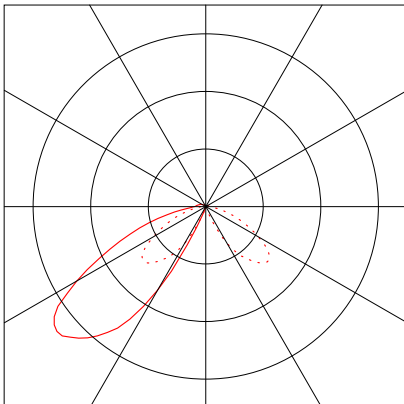
Absolute Photometry

Luminaire efficacy : 17.87 lm/W
Classification : A21 ↓95.3% ↑4.7%
CIE Flux Codes : 23 71 94 95 100
UGR 4H 8H : 10.6 / 25.3
Control gear : Electronic ballast
Power : 21.38 W
Luminous flux : 382 lm

Equipped with

Quantity : 1
Designation : LED single 830
Colour : 3000K
Socket : --
Colour reproduction : --

Dimensions : Ø160 mm x 60 mm

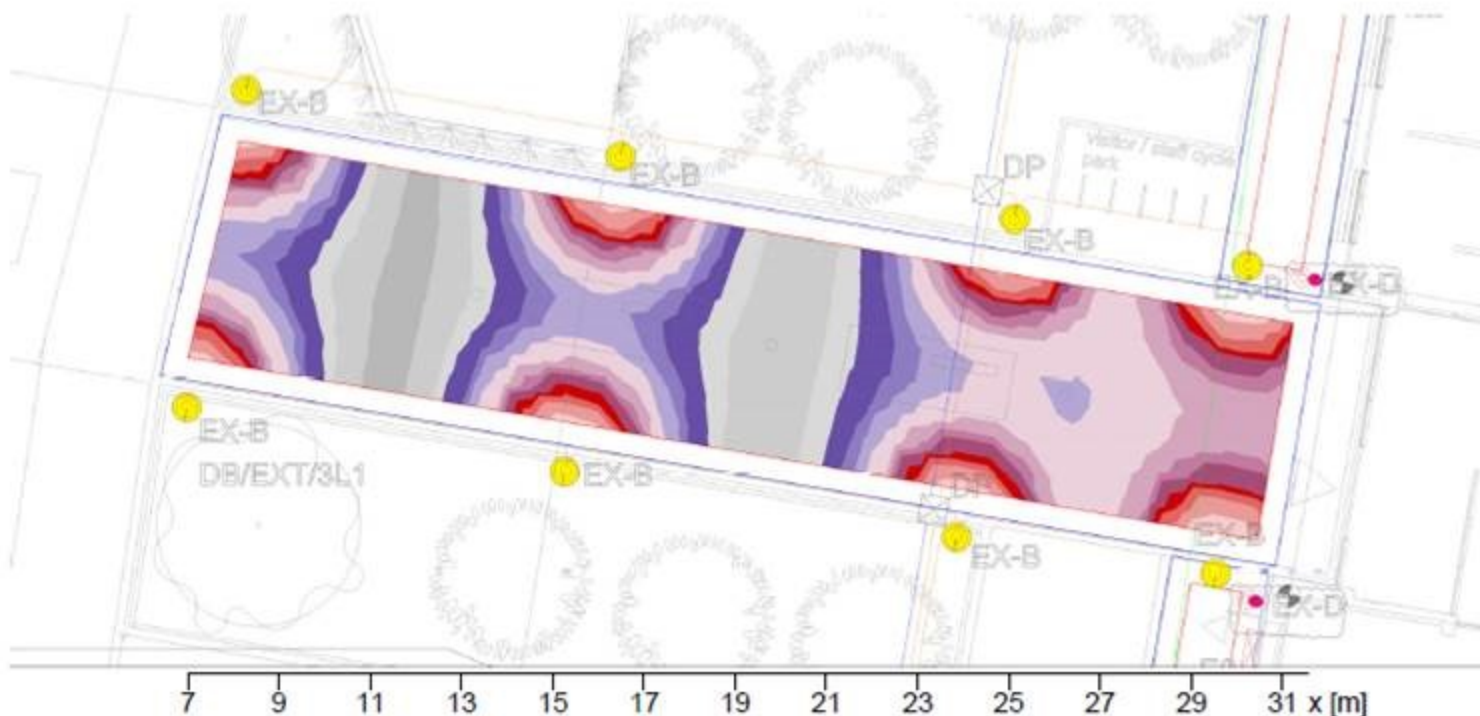


Installation : Proposed New Lighting
 Project number : QUO-86980-X8T6Z0
 Date : 06.03.2024



2.2 Summary, Exterior 1

2.2.3 Result overview, Entrance



General

Calculation algorithm used
 Maintenance factor

Average indirect fraction
 0.80

Entrance

\bar{E}_m
 E_{min}
 $E_{min}/\bar{E}_m (U_o)$
 $E_{min}/E_{max} (U_d)$
 Position

Reference plane 19.1

Horizontal
 5 lx
 0.5 lx
 0.08
 0.01
 0.00 m