

Landscape

Installation : Kosnic Lighting Ltd

Project number : 44-46 Wood Green

Customer : Ricky Long- AT&T

Processed by : Thomas Cross

Date : 06.02.2023

Project description:

Project Disclaimer for Relux PDFs

Lighting calculations are provided as a guide only.

Schemes are based upon the room dimensions and information issued by the Client.

All dimensions and project information / requirements must be checked prior to order.

The Lighting Scheme has been designed to CIBSE guidelines where applicable. Standard reflectance levels used.

Lighting designs are carried out for estimation purposes only and Kosnic accept no responsibility, and cannot be held liable for, any variances in light levels achieved. It is ultimately the responsibility of the installer to ensure the solution offered is suitable for the installation environment, and meets all of the requirements of the end user.

Where applicable, Emergency Lighting has been suggested in accordance with BS5266, EN1838 and EN50172.

It is the responsibility of the Purchaser/Installer, and not Kosnic, to ensure that the design complies with local fire, health, and safety regulations. The emergency lighting must be checked and approved by a local fire control officer and approved by the building owner. In the event that the design is found not to comply, Kosnic will adjust the design in consultation with the customer to ensure that it does comply with such regulations.

Any emergency lighting calculations included do not account for the location of critical emergency items, such as, but not limited to, plant or switch room task locations, reception telephone, first aid points, extinguisher points, call points, push bars, fire panels, etc. These areas may require higher risk lux levels under emergency conditions.

In the absence of a Fire Strategy plan, any exit signs specified have been done so based on assumptions regarding the shortest exit routes. These are estimations only and should be reviewed in full prior to any order. Responsibility for this lies with the Purchaser/Installer and the responsible person, or building owner, for the site. Any controls or sensors specified by Kosnic are offered purely as a suggestion and Kosnic accept no responsibility, and cannot be held liable for, specified controls meeting the specific needs and/or requirements of the site/installation. It is the responsibility of the Purchaser/Installer to make sure that any proposed controls or sensors meet their specific needs and/or requirements, or the specific needs and/or requirements of the site/installation.

Kosnic Lighting Ltd is not qualified to determine the structural and electrical appropriateness of their designs and is not responsible, and cannot be held liable for, any improper engineering, construction, rigging or handling methods, or for any improper use of structures or equipment that may be employed to realise the design.

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.

1 Luminaire data

1.1 Kosnic Lighting Ltd, LED Amenity Exterior Bollard - Arden (ARD10M)

1.1.1 Data sheet

Manufacturer: Kosnic Lighting Ltd

ARD10M LED Amenity Exterior Bollard - Arden

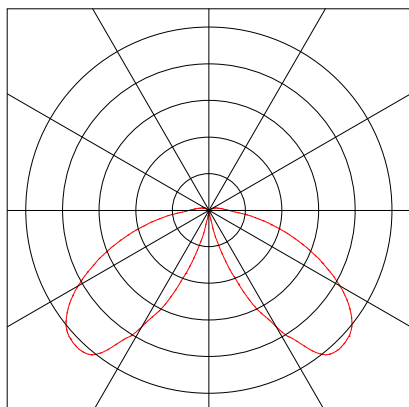
Luminaire data

Luminaire efficiency : 100%
Luminaire efficacy : 78 lm/W
Classification : A21 ↓95.6% ↑4.4%
CIE Flux Codes : 26 66 91 96 100
UGR 4H 8H : 24.6 / 24.6
Power : 10 W
Luminous flux : 780 lm

Equipped with

Quantity : 1
Designation : LED
Colour : 4000
Luminous flux : 780 lm
Colour reproduction : >80

Dimensions : Ø120 mm x 100 mm



1 Luminaire data

1.2 Kosnic, LED Amenity Exterior Wall Light... (KWAL109O)

1.2.1 Data sheet

Manufacturer: Kosnic



KWAL109O Exterior Wall Luminaire LED Amenity Exterior Wall Light - Haldon
 9w Haldon LED Oval Exterior Wall Light (4000k)

Kosnic's Haldon wall light is suitable for outdoor use and comes with integrated LEDs for an efficient energy saving solution. The wall light is constructed from die-cast aluminium with a polycarbonate diffuser and is IP54 rated for outdoor use. The wall light is available either circular or oval with a black or grey finish, offering a simple and elegant solution wherever outdoor wall lighting is required.

Features

- Integrated LED modules
- Class I
- IP54
- Long life of 50,000h
- Instant start
- Negligible UV output
- Mercury free

Please see datasheet or website for further info.

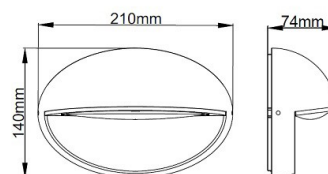
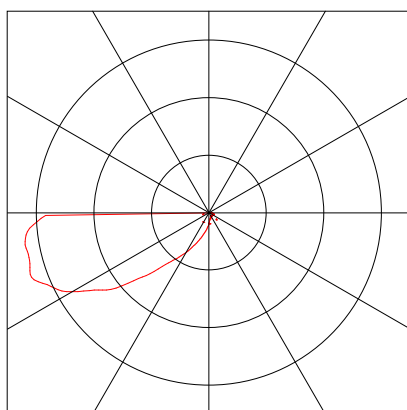
Luminaire data

Luminaire efficiency	: 89.1636%
Luminaire efficacy	: 49.04 lm/W
Classification	: A10 ↓100.0% ↑0.0%
CIE Flux Codes	: 11 33 67 100 89
UGR 4H 8H	: 12.9 / 26.6
Control gear	: Electronic ballast
Power	: 9 W
Luminous flux	: 441.4 lm

Equipped with

Quantity	: 1
Designation	: LED
Colour	: 4000K
Luminous flux	: 495 lm
Socket	: -
Colour reproduction	: 80

Dimensions : 210 mm x 140 mm x 74 mm



KWAL109O

2 Exterior 1

2.2 Summary, Exterior 1

2.2.1 Result overview, Evaluation area 1

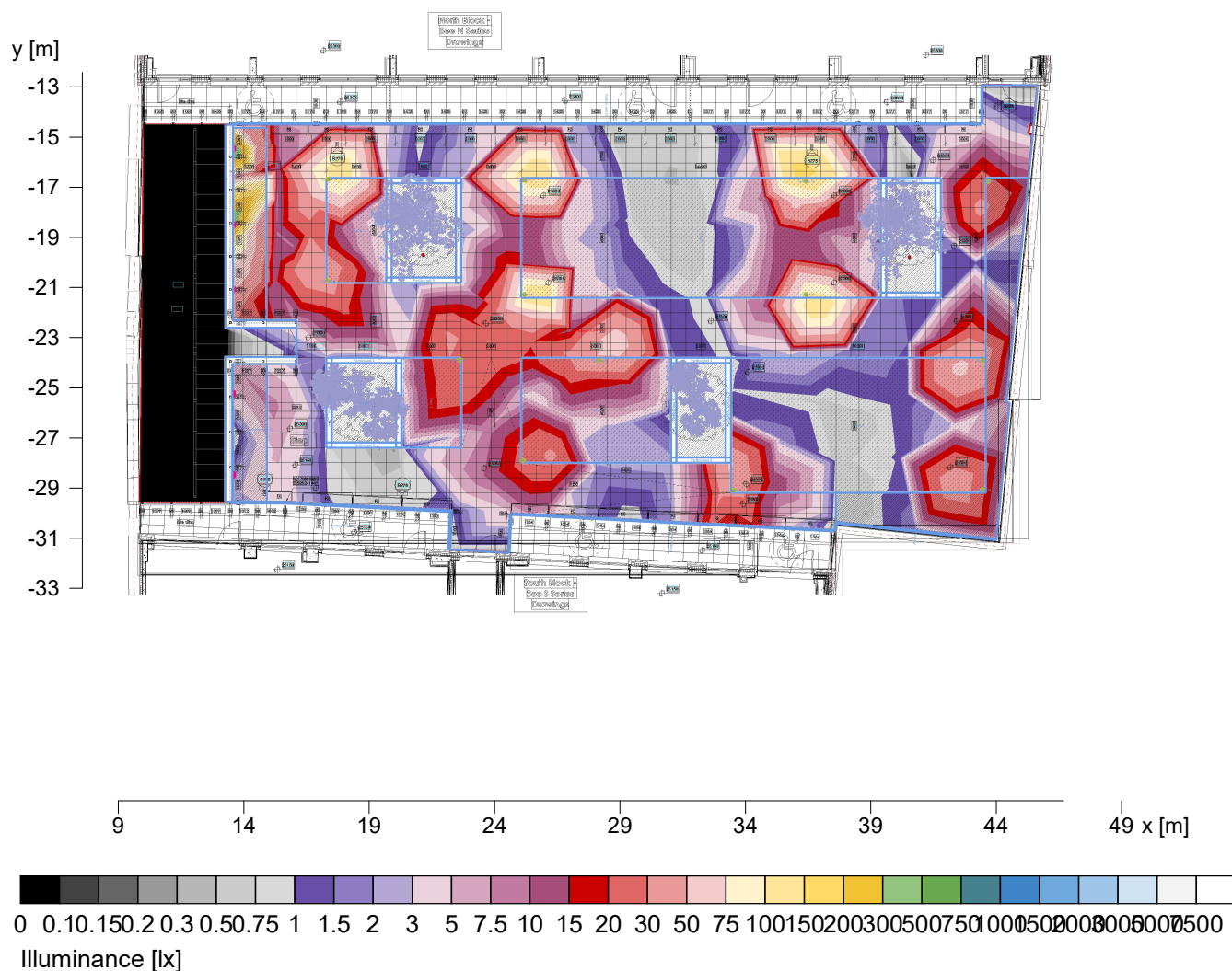
3	8 x	Astro Lighting Ltd	
		Order No.	: !Example
		Luminaire name	: Spike Spot
		Equipment	: 1 x 8.21 W / 467 lm



2 Exterior 1

2.3 Calculation results, Exterior 1

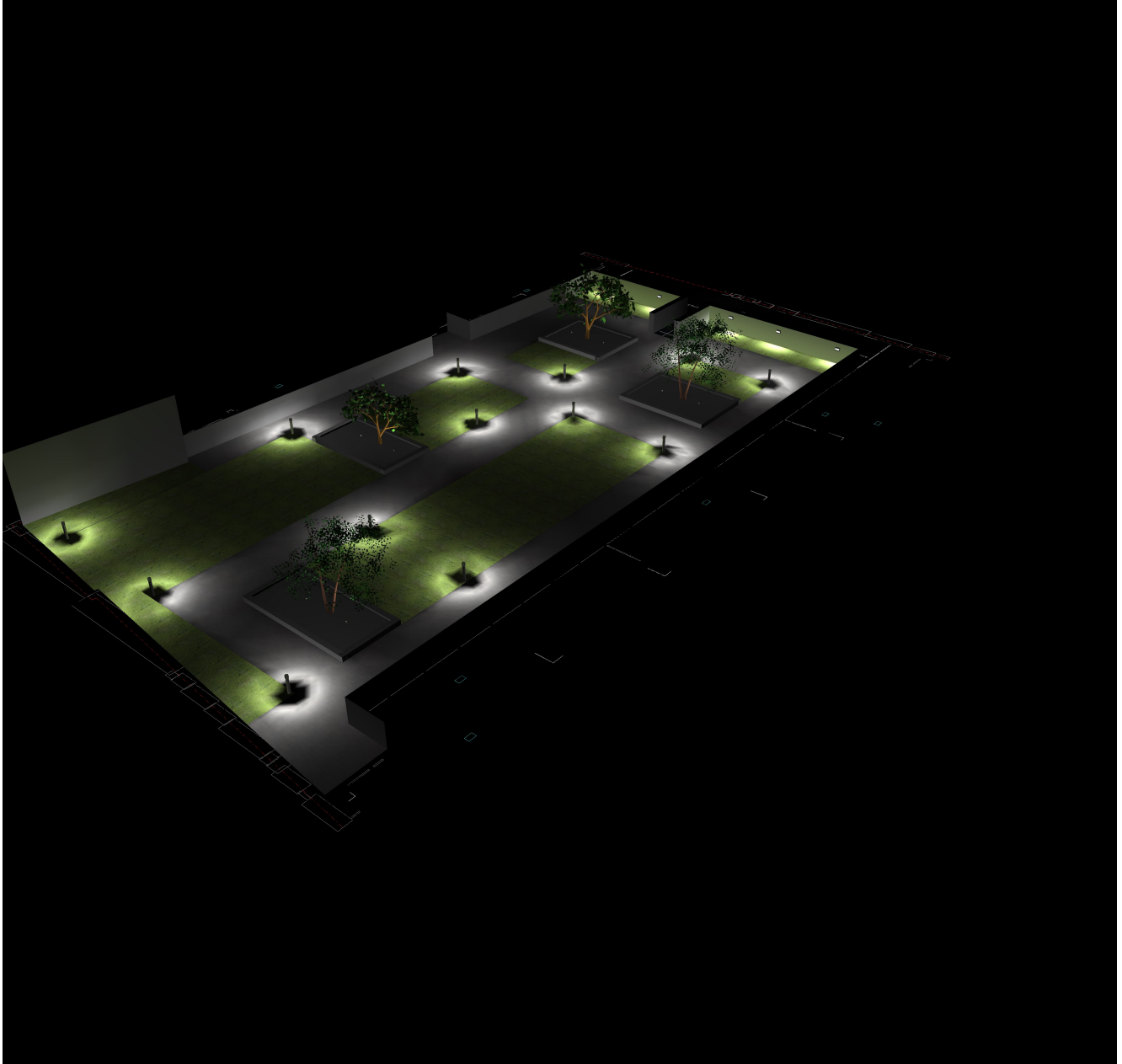
2.3.1 Pseudo colours, Reference plane 1.1 (E)



Height reference plane	:	0.00 m
Average illuminance	Em	: 11.9 lx
Minimum illuminance	Emin	: 0 lx
Maximum illuminance	Emax	: 90.6 lx
Uniformity Uo	Emin/Em	: ---
Diversity Ud	Emin/Emax	: ---

2.3 Calculation results, Exterior 1

2.3.2 3D luminance, View 1



2.3 Calculation results, Exterior 1

2.3.3 3D pseudo colours, View 1 (E)

