Corporation Street

Installation : Arch 5

Project number	:	220601
Customer	:	ArchCo
Processed by	:	KVT
Date	:	27.02.2026

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 Light Years Ahead, Nightjar Up-Down (NJ-UD)

1.1.1 Data sheet

Manufacturer: Light Years Ahead

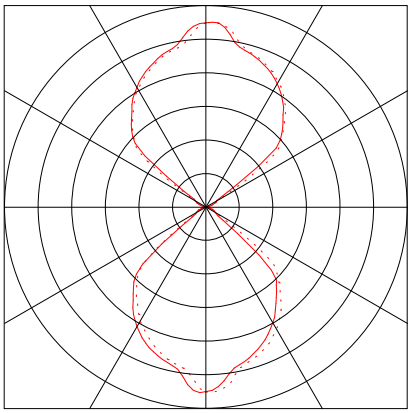
NJ-UD **Nightjar Up-Down**

Luminaire data

Absolute Photometry		
Luminaire efficacy	:	111.07 lm/W
Classification	:	C53 ↓47.7% ↑52.3%
CIE Flux Codes	:	68 96 100 48 100
UGR 4H 8H	:	16.3 / 16.7
Power	:	41.2 W
Luminous flux	:	4576 lm
Dimensions	:	Ø204 mm x 0.0 mm

Equipped with

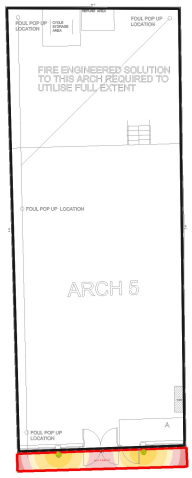
Quantity	:	1
Designation	:	TWO C3 20W COBs
Colour	:	
Colour reproduction	:	0



2 Arch 5

2.2 Summary, Arch 5

2.2.1 Result overview, Arch 5 Exterior



-1 1 3 5 7 x [m]

30 50 75 100 150 200

Illuminance [lx]

General

Calculation algorithm used	Average indirect fraction
Height of evaluation surface	0.00 m
Height of luminaire plane	2.20 m
Maintenance factor	0.80
Total luminous flux	9152 lm
Total power	82.4 W
Total power per area (210.78 m²)	0.39 W/m²

Illuminance

Average illuminance	$\bar{E}_m$	108 lx
Minimum illuminance	E_{min}	35 lx
Maximum illuminance	E_{max}	209 lx
Uniformity U_o	$E_{min}/\bar{E}_m$	1:3.11 (0.32)
Diversity U_d	E_{min}/E_{max}	1:6.01 (0.17)

Type No.\Make

		Light Years Ahead	
2	2 x	Order No.	: NJ-UD
		Luminaire name	: Nightjar Up-Down
		Equipment	: 1 x TWO C3 20W COBs 41.2 W / 4576 lm