**Luminaire Schedule**

| Symbol | Ref | Qty | Config | Outreach | Description | Mtg Height | Lumens | Cutoff Class | Total MF | Unit Watts |
|---|---|---|---|---|---|---|---|---|---|---|
| | A | 24 | Single | 0 | Kirium Pro S Mini 4LED 3K B3 400mA UMSUG 42 0005 0000 100 | 5 | 856 | Full Cutoff | 0.840 | 5 |

Luminous Flux Factor [LFF]: BS5489-1:2020 [Annex D2] = 1.0 [CLO]

Survival Factor [SF]: BS5489-1:2020 [Annex D2] = 1.0

Luminaire Maintenance Factor [LMF]: BS5489-1:2020 [Table C1] = 72 Months:
Environmental Zone:

E3/E4 =<6M TLS = 0.84

[LFF] * [SF] * [LMF] = Total Maintenance Factor Value

**Calculation Results Summary**

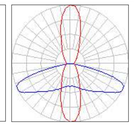
| Grid Reference | Measurement | Units | Eav | Emax | Emin | Uo | Ud | X Pitch | Y Pitch |
|---|---|---|---|---|---|---|---|---|---|
| Footpath 1 | Illuminance | Lux | 2.70 | 6.4 | 0.4 | 0.15 | 0.06 | 1.5 | N.A. |
| Footpath 2 | Illuminance | Lux | 3.25 | 6.0 | 0.8 | 0.25 | 0.13 | 1.5 | N.A. |
| Footpath 4 | Illuminance | Lux | 2.98 | 6.1 | 0.6 | 0.20 | 0.10 | 1.5 | N.A. |
| Footpath 5 | Illuminance | Lux | 2.22 | 5.2 | 0.8 | 0.36 | 0.15 | 1.5 | N.A. |
| Footpath 6 | Illuminance | Lux | 3.30 | 6.8 | 0.6 | 0.18 | 0.09 | 1.5 | 1.5 |
| Footpath 7 | Illuminance | Lux | 3.43 | 6.0 | 1.4 | 0.41 | 0.23 | 1.5 | N.A. |

**Luminaire Location Summary**

| Col ID | Ref (Qty) | X | Y | Angle | Tilt | Dimming |
|---|---|---|---|---|---|---|
| 1 | A (1) | 324.438 | 184.911 | 280.279 | 0 | 1.00 |
| 2 | A (1) | 364.065 | 218.319 | 356.822 | 0 | 1.00 |
| 3 | A (1) | 374.738 | 240.599 | 311.592 | 0 | 1.00 |
| 4 | A (1) | 334.777 | 164.722 | 35.366 | 0 | 1.00 |
| 5 | A (1) | 357.308 | 194.574 | 296.909 | 0 | 1.00 |
| 6 | A (1) | 153.863 | 179.069 | 278.018 | 0 | 1.00 |
| 7 | A (1) | 177.42 | 185.8 | 6.5 | 0 | 1.00 |
| 8 | A (1) | 180.888 | 158.673 | 3.013 | 0 | 1.00 |
| 9 | A (1) | 182.826 | 144.293 | 6.522 | 0 | 1.00 |
| 10 | A (1) | 186.687 | 116.733 | 6.614 | 0 | 1.00 |
| 11 | A (1) | 222.569 | 107.26 | 308.348 | 0 | 1.00 |
| 12 | A (1) | 250.223 | 127.561 | 310.608 | 0 | 1.00 |
| 13 | A (1) | 277.579 | 151.269 | 313.656 | 0 | 1.00 |
| 14 | A (1) | 299.572 | 169.616 | 343.52 | 0 | 1.00 |
| 15 | A (1) | 197.356 | 97.421 | 280.933 | 0 | 1.00 |
| 16 | A (1) | 360.075 | 230.582 | 106.429 | 0 | 1.00 |
| 17 | A (1) | 341.662 | 226.046 | 105.559 | 0 | 1.00 |
| 18 | A (1) | 312.072 | 219.584 | 104.826 | 0 | 1.00 |
| 19 | A (1) | 287.206 | 214.538 | 102.993 | 0 | 1.00 |
| 20 | A (1) | 265.825 | 209.373 | 308.655 | 0 | 1.00 |
| 21 | A (1) | 246.725 | 193.036 | 318.363 | 0 | 1.00 |
| 22 | A (1) | 193.75 | 182.884 | 273.134 | 0 | 1.00 |
| 23 | A (1) | 219.697 | 182.645 | 265.054 | 0 | 1.00 |
| 24 | A (1) | 190.7 | 81.93 | 25.347 | 0 | 1.00 |





REF A:
Kirium Pro S Mini, 4LED, 3000K, B3 Optic, 400mA, Grey RAL7046
7 Pin Nema.
5M Tubular Steel Column. Grey RAL7046

BS EN 13201-2:2015

6.1 Requirements for pedestrians & pedal cyclists
Table 3 - P Lighting Classes

Class P5:
3.0 - 4.5lx Eav
0.6lux Emin

BS EN 13201-2:2015

6.1 Requirements for pedestrians & pedal cyclists
Table 3 - P Lighting Classes

Class P6:
2.0 - 3.0lx Eav
0.4lux Emin

NOTE: NTS Source Drawings

The base drawing used in this design has been obtained from the scanning or converting of a PDF document or image file.

As a result of this process the scale of the drawing maybe distorted & the absolute precision of the drawing scale cannot be guaranteed.

| Issue: | Date: | Description: |
|---|---|---|
| D | 14/09/2026 | Location changes |
| C | 23/06/2026 | Areas added |
| B | 15/06/2026 | Areas added |
| A | 12/06/2026 | Based on google maps |

CDM Statement:
Please note that this proposed lighting scheme is a lighting solution that has been designed with information provided by the client. The solution does not include site, installation engineering or any risk assessment considerations for CDM.

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Project:

# Kidwells Park and Blackamoor Footpath, Maidenhead.

| | | | |
|---|---|---|---|
| Client: | Royal Borough Of Windsor & Maidenhead | Contact: | Charles Gaudoin |
| Project Management: | Dean Johnston | Lighting Design: | Emma Gregory |

All measurements in Metres & lux. Do not scale from this drawing.
All product images are indicative.

| | |
|---|---|
| Filename: 26-258-1D - 1.1 Kidswell Park and Blackmoor Footpath [Layout] .AGI | AGi32® Version 22.3.2 |
| Date: 14/09/2026 | Scale: 1:600 @ A1 |
| Project Ref: | Page 1 of 1 |

26-258-1D