



Angled bracket for easy installation



OFF/ON within 3 seconds to override the PIR sensor

## Rhine II

### Rhine II 20W LED Floodlight with PIR, 4000K

The Kosnic Rhine II LED Floodlights make ideal replacements for energy-hungry halogen lighting. Suitable for outdoor use, the range offers affordable products with high lumen efficiency and a long life.

**RHI20-W40/S ()**

## Specification

|                                     |                    |
|-------------------------------------|--------------------|
| Voltage                             | 220-240Vac 50/60Hz |
| Current (mA)                        | 92                 |
| Rated Power (W)                     | 20                 |
| CCT Words                           | Cool White         |
| CCT (K)                             | 4000K              |
| Total Luminous Flux (lm)            | 1810               |
| Nominal Lifetime (h)                | 30000              |
| L70B50 Lifetime (h)                 | 30000              |
| L80B10 Lifetime (h)                 | 25000              |
| Blue Light Hazard                   | RG1                |
| Glow wire temperature(°C)           | 650                |
| UGR                                 | N/A                |
| Power Factor                        | 0.95               |
| Ambient Temperature Range (°C)      | -60                |
| Weight (kg)                         | 0.43               |
| In-rush current (peak/duration) (A) | 1.02A/150µs        |
| Protection Rating                   | Class I            |
| IK Rating                           | IK04               |
| IP Rating                           | IP65               |
| Mounting Surface to Face            | 100mm              |
| On-Site Warranty                    | None               |

## Light Source Specification

|  |       |
|--|-------|
| Lighting Technology Used                   | LED   |
| Directional / Non Directional (DLS/NDLS)   | DLS   |
| Light Source Cap Type (or other interface) | Wires |
| Mains / Non-Mains (MLS/NMLS)               | MLS   |
| Connected Light source (Y/N)               | N     |
| Colour Tunable Light Source (Y/N)          | N     |

|   |         |
|---|---------|
| High Luminance Light Source (Y/N)   | N       |
| Anti-Glare Shield (Y/N)   | N       |
| Dimmable (Y/N/Specific dimmer)  | N       |
| Energy Consumption in on-mode (kWh/1000H)   | 20      |
| Energy Efficiency Class   | F       |
| Useful Luminous Flux (lm)   | 1650    |
| Beam Angle correspondence (in 360°/120°/90°)  | in 120° |
| CCT   | 4000K   |
| On-Mode Power (Pon) (W)   | 20      |
| Standby Power (Psb) (W)   | 0.5     |
| Networked Standby Power (Pnet) (W)  | N/A     |
| CRI   | 82      |
| CRI (min)   | 80      |
| CRI (max)   | 84      |
| Height (mm)   | 141     |
| Width (mm)  | 186     |
| Depth (mm)  | 76      |
| Claim of Equivalent Power? (Y/N)  | N       |
| Equivalent Power (W)  | N/A     |
| Chromaticity Co-Ordinates (X)   | 0.3806  |
| Chromaticity Co-Ordinates (Y)   | 0.3835  |
| Peak Luminous Intensity (DLS) (cd)  | 810     |
| Beam Angle (DLS)  | 105     |
| Beam Angle (min)(DLS)   | 100     |
| Beam Angle (max) (DLS)  | 110     |
| Survival Factor (x.xx)  | 0.9     |
| Lumen Maintenance Factor (x.xx)   | 0.96    |
| Displacement Factor   | 0.98    |
| Colour Consistency in Mcadam Ellipses (Mains LED/OLED)  | 6       |
| LED light source replaces fluorescent without integrated ballast of particular wattage (Mains LED/OLED) (Y/N) | N       |

|  |     |
|--|-----|
| Replacement W Claim (Mains LED/OLED) (W) | N/A |
| Flicker metric (pst LM) (x,x)            | 0.6 |
| Stroboscopic effect metric (SVM) (x,x)   | N/A |

## Technical Drawings

