



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 |
| Voltage (eg 220-240 Vac 50/60Hz)    | 220-240Vac 50/60Hz |
| Current (mA)                        | 92                 |
| Rated Power (W)                     | 20                 |
| CCT Words                           | Cool White         |
| CCT (K)                             | 4000K              |
| Nominal Lifetime (h)                | 30000              |
| L70B50 Lifetime (h)                 | 30000              |
| L80B10 Lifetime (h)                 | 25000              |
| Total Luminous Flux (lm)            | 1810               |
| Power Factor                        | 0.95               |
| Blue Light Hazard                   | RG1                |
| Glow wire temperature(°C)           | 650                |
| UGR                                 | N/A                |
| Dimensions L x W x D (mm)           | 141*186*76mm       |
| Weight (kg)                         | 0.43               |
| In-rush current (peak/duration) (A) | 1.02A/150µs        |
| Protection Rating                   | Class I            |
| Length (mm)                         | 159                |
| IK Rating                           | IK04               |
| IP Rating                           | IP65               |
| Ambient Temperature Range (°C)      | -60                |
| Lamp Cap                            | N/A                |
| Depth (mm)                          | 76                 |

## 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 (NEW FORMULA)        | 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     |
| R9 CRI (LED/OLED)                            | 3       |
| 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

