



Angled bracket for easy installation



OFF/ON within 3 seconds to
override the PIR sensor

Rhine II

Rhine II 20W LED Floodlight with PIR, 3000K

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-W30/S ()

Specification

Voltage	220-240Vac 50/60Hz
Current (mA)	92
Rated Power (W)	20
CCT Words	Warm White
CCT (K)	3000K
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

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	3000K
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)	0.4338
Chromaticity Co-Ordinates (Y)	0.3981
Peak Luminous Intensity (DLS) (cd)	790
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
Storoscopic effect metric (SVM) (x,x)	N/A

Technical Drawings

