



Angled bracket for easy installation



OFF/ON within 3 seconds to
override the PIR sensor

Rhine II

Rhine II 50W LED Floodlight, 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.

RHI50-W40 ()

Specification

Voltage	220-240Vac 50/60Hz
Current (mA)	229
Rated Power (W)	50
CCT Words	Cool White
CCT (K)	4000K
Total Luminous Flux (lm)	4570
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)	0.69
In-rush current (peak/duration) (A)	0.81A/60µs
Protection Rating	Class I
IK Rating	IK08
IP Rating	IP65
Mounting Surface to Face	69mm

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)	50
Energy Efficiency Class	F
Useful Luminous Flux (lm)	4060
Beam Angle correspondence (in 360°/120°/90°)	in 120°
CCT	4000K
On-Mode Power (Pon) (W)	50
Standby Power (Psb) (W)	0
Networked Standby Power (Pnet) (W)	N/A
CRI	82
CRI (min)	80
CRI (max)	84
Height (mm)	205
Width (mm)	188
Depth (mm)	46
Claim of Equivalent Power? (Y/N)	N
Equivalent Power (W)	N/A
Chromaticity Co-Ordinates (X)	0.3781
Chromaticity Co-Ordinates (Y)	0.3803
Peak Luminous Intensity (DLS) (cd)	2060
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

