



Rhine II

50W LED Floodlight with PIR, 6500K

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-W65/S

Specification

Voltage	220-240Vac 50-60Hz
Voltage (eg 220-240 Vac 50/60Hz)	220-240Vac 50/60Hz
Current (mA)	229
Rated Power (W)	50
CCT Words	Day Light
CCT (K)	6500K
Nominal Lifetime (h)	30000
L70B50 Lifetime (h)	30000
L80B10 Lifetime (h)	25000
Total Luminous Flux (lm)	4570
Power Factor	0.95
Blue Light Hazard	RG1
Glow wire temperature(°C)	650
UGR	N/A
Dimensions L x W x D (mm)	205*236*77mm
Weight (kg)	0.76
In-rush current (peak/duration) (A)	1.05A/160µs
Protection Rating	Class I
IK Rating	IK04
IP Rating	IP65
Ambient Temperature Range (°C)	-60
Lamp Cap	N/A
Depth (mm)	77
Diameter (mm)	210

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 (NEW FORMULA)	F
Useful Luminous Flux (lm)	4060
Beam Angle correspondence (in 360°/120°/90°)	in 120°
CCT	6500K
On-Mode Power (Pon) (W)	50
Standby Power (Psb) (W)	0.5
Networked Standby Power (Pnet) (W)	N/A
CRI	82
CRI (min)	80
CRI (max)	84
Height (mm)	205
Width (mm)	236
Depth (mm)	77
Claim of Equivalent Power? (Y/N)	N
Equivalent Power (W)	N/A
Chromaticity Co-Ordinates (X)	0.3129
Chromaticity Co-Ordinates (Y)	0.3352
Peak Luminous Intensity (DLS) (cd)	1810
Beam Angle (DLS)	105
Beam Angle (min)(DLS)	100
Beam Angle (max) (DLS)	110
R9 CRI (LED/OLED)	6
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

