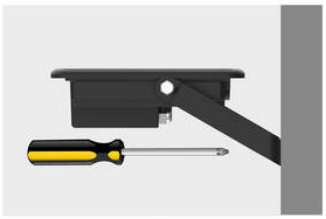
Datasheet


Angled bracket for easy installation


OFF/ON within 3 seconds to override the PIR sensor

Rhine II

Rhine II 20W 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.

RHI20-W40 ()

W: www.kosnic.com
E: sales@kosnic.com
T: 0845 838 6851

Leading designers, manufacturers and established experts in LED technology

Kosnic Lighting Ltd - Unit D2, Kennetside, Bone Lane, Newbury, RG14 5PX, UK
Kosnic Lighting France - 2bis avenue Irène Joliot-Curie, 77700 Bailly-Romainvilliers, France

Datasheet

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(℃)	650
UGR	N/A
Power Factor	0.95
Ambient Temperature Range (°C)	-60
Weight (kg)	0.35
In-rush current (peak/duration) (A)	0.35A/60μs
Protection Rating	Class I
IK Rating	IK07
IP Rating	IP65
Mounting Surface to Face	49mm
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

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Datasheet

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
Networked Standby Power (Pnet) (W)	N/A
CRI	82
CRI (min)	80
CRI (max)	84
Height (mm)	141
Width (mm)	135
Depth (mm)	45
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 flourescent withouth integrated ballast of particular wattage (Mains LED/OLED) (Y/N)	N

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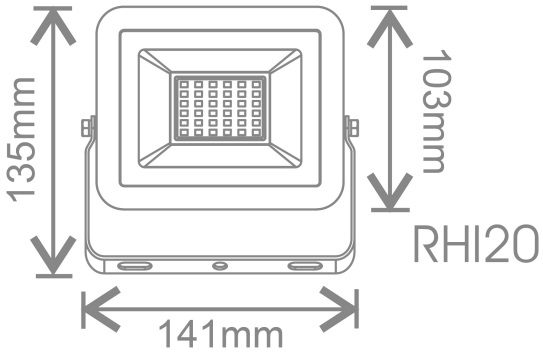
Replacement W Claim (Mains LED/OLED) (W)	N/A
Flicker metric (pst LM) (x,x)	0.6
Storboscopic effect metric (SVM) (x,x)	N/A

Technical Drawings



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