ROBUS®

QUALITY PRODUCTS BY **LED GROUP**

OUTDOOR

MICROFLOOD IP65 SLIM LED FLOOD LIGHTS, SILVER BEZEL, BLACK BODY

Product Codes	Standard:	RMC01040-04	RMC02040-04	RMC03040-04	RMC05040-04	RMC10040-04
	PIR:	NA	RMC02040PIR-04	RMC03040PIR-04	NA	NA
	Microwave:	NA	RMC02040DM-04	NA	NA	NA
Comparable to MH/Halogen (W):		20/75	35/150	50/200	80/250	150/800
Total Power Consumed (W):		10.8	21.3	29.3	44.7	97.6
Total Light Output (lm):		890	1920	2790	4240	7590
Efficacy (Llm/cctW):		82	90	95	95	78
Rated LED Life (hrs):		30000	30000	30000	30000	30000
Warranty (yrs):		3	3	3	3	3
Illuminance @1m (lx):		370	750	1100	1700	3000
Beam Angle (Deg):		100	100	100	100	100
Correlated Colour Temp (CCT):		4000	4000	4000	4000	4000
Colour Rendering Index (Ra):		80	80	80	80	80
Ingress Protection (IP):		65	65	65	65	65
Impact Rating (IK):		04	04	04	04	04
Operating temp range (°C):		-20≤Ta≤+40	-20≤Ta≤+40	-20≤Ta≤+40	-20≤Ta≤+40	-20≤Ta≤+40
Output Current (mA):		0.15	0.3	0.45	0.9	0.5
Operating Voltage:		220-240	220-240	220-240	220-240	220-240
Power Factor:		>0.9	>0.9	>0.9	>0.9	>0.9
Height (mm):		95	135/215	200/295	265	365
Width (mm):		129	185/230	275/315	306	455
Depth (mm):		21	28	38	38	45
Weight (Kg):		0.5	0.9/1.1	2/2.2	2.2	3
Tilt(deg):		180	180	180	180	180
Black Spike Accessory:	RMCSPIKE-04					

This great looking Microflood range looks superb with its slim dimensions and flowing curved design. It makes huge energy savings compared to traditional light sources whilst emitting comparable light for use in domestic, retail or commercial applications. Additional energy savings can be achieved using the PIR or microwave sensor versions so will only be activated on detection of movement. (Note that microwave sensors are triggered by ANY movement so may not be suitable for some applications).

Whilst typically used for illumination of outside locations, these floods could equally be a great solution for indoor applications.

Applications could include:
- Church halls
- Garages
- Workshops
- Drives & Paths
- Work stations
- Sign illumination
- Exhibition stands
- Garden features
- Industrial units
- Loading areas
- Decking areas
- Show room features

FEATURES	BENEFITS
• Small and slim die cast aluminium body with silver powder coated finish to the front bezel and black to the rear body	• Neat and attractive aesthetics • Suitable for mounting in restricted positions • Will not corrode
• Black pre-drilled stirrup mounting bracket allows rotation of the flood head through 180⁰	• Flood can be mounted on vertical or horizontal surface and allows the light to be directed where required
• Pre-wired with 1m of rubber cable	• Ideal to terminate into suitably rated JB without opening the fitting which may compromise the IP rating if not re-sealed correctly
• Utilises high quality, high impact toughened glass • Stainless steel allen head bracket-to-body and body-to-bezel fixing screws	• Provides a degree of anti-vandal/theft protection • Will not rust so will always look attractive
• PIR & Microwave versions available with adjustable range sensitivity, time-off delay and lux switching level	• Additional energy savings and functionality are achieved by ensuring lighting is only on when required by correct setting of detection distance, time delay off, and the light level lighting is required to switch on/off
• Utilises Nichia 4,000 Kelvin SMD LED's with: • High luminous flux • Low power consumption • High efficacy • Long LED life	• Excellent high brightness light output comparable to high power consumption tungsten halogen and Metal Halide whilst making energy savings of >85% • Provides very low running costs • Reduces carbon emissions and building carbon footprint • Long life of 30,000 hours with no costly lamp replacements or other maintenance costs
• No Ultra-Violet • No Infra-Red	• Not attracted by flying insects and bugs • Cool light beam – no burning if touched and will not fade sensitive materials
• Solid state technology	• Rugged – No heat filaments or electrodes to prematurely fail through vibration & temperature variations • Can be switched by microwave, PIR and/or photocell to provide even greater energy savings without detriment to LED life

Table within FEATURES (PIR & Microwave versions):

	Range	Time	Lux
PIR	1-7m	3s-8m	10-1000
Microwave	1-8m	10s-5m	10-50

PLEASE NOTE – INFORMATION CONTAINED IN THIS DOCUMENT IS SUBJECT TO CHANGE WITHOUT PRIOR NOTICE