

OUTDOOR

ROBUS®

HILUME 10W, 20W, 30W, 50W, 100W LED, IP65 Flood Light, Standard, PIR, 3000K and 4000K

The simple aesthetics of this new range of Hilume floods look attractive and provide outdoor lighting solutions for Domestic, Commercial or Industrial applications. High energy savings are achieved with a range of lumen packages comparable to Metal halide and Halogen, whilst PIR variants reduce running costs even more



Applications:

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

Construction:

- Black powder coated die-cast aluminium body
- Tempered glass frosted diffuser
- Galvanised mounting bracket
- Stainless steel external fixings

Features and Benefits:

- The Hilume is an extensive range of floods from 10W to 100W. This means that almost any small to medium size application can be catered for with the lumen packages in the range
- A high quality powder coat process electrostatically applied to the die-cast aluminium body ensures that the fitting looks good and will continue to do so after being subjected to the rigours of the UK weather for years to come
- A tempered glass frosted diffuser is used to provide an anti-vandal, low glare uniform light coverage of the area
- A beam angle of 100 degrees ensures that good illumination of the area is achieved for vehicular or pedestrian access
- PIR versions are available in all lumen packages except the 100W for additional energy savings which ensures lighting is only when required and has:
 - Adjustable sensitivity so the detection zone can be trimmed to avoid passers-by triggering lights on
 - Time off delay selection
 - Lux level switching point for dusk to dawn operation
 - Manual over-ride functionality is also included so light will be available for up to 8 hours before reverting back to automatic
- A pre-drilled angled stirrup mounting bracket allows the position of mounting holes to be marked, drilled and the fitting fixed to the surface without removing the bracket from the fitting
- The fitting is pre-wired to allow termination into a junction box which avoids the possibility of the IP rating being compromised during on-site connection
- The Hilume range utilises high quality, long life, surface mount SMD LED's mounted on a rectangular PCB gear to provide:
 - High light output, low power consumption and high efficacy for large energy savings with short payback periods
 - Low lumen & CCT depreciation for consistent light and colour over life
 - A long LED Rated Life without annoying and often inconvenient lamp changes at height
- The LED's are also Solid State with no heat filaments, electrodes or seals and have no cool down or warm up time so:
 - Are rugged and will not fail through vibration or hot to cold temperature changes so provide huge maintenance cost savings
 - Can be used in conjunction with presence detectors to provide "instant on/off" for additional energy savings without detriment to LED life as is the case with traditional light sources
 - They can be operated 24/7 if required for lighting of installations without natural light

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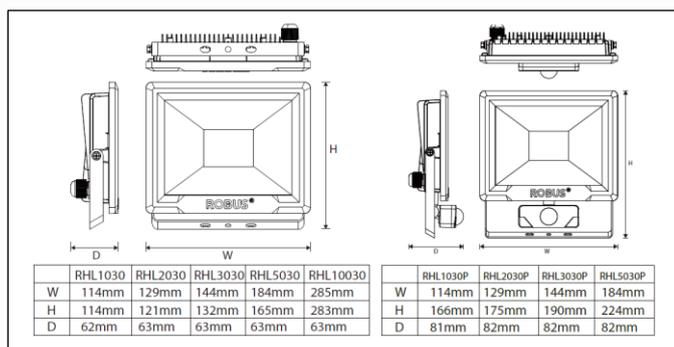
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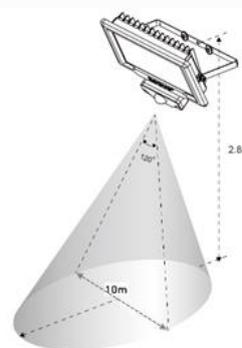
HILUME 10W, 20W, 30W, 50W, 100W LED, IP65 Flood Light, Standard, PIR, 3000K and 4000K

Product Code:	Standard 3000K: Standard 4000K: PIR 3000K: PIR 4000K:	RHL1030-04 RHL1040-04 RHL1030P-04 RHL1040P-04	RHL2030-04 RHL2040-04 RHL2030P-04 RHL2040P-04	RHL3030-04 RHL3040-04 RHL3030P-04 RHL3040P-04	RHL5030-04 RHL5040-04 RHL5030P-04 RHL5040P-04	RHL10030-04 RHL10040-04
Comparable to (Metal Halide):		20W	35W	50W	80W	100W
Total Power (W):		11.1/10.6	20.4/19.7	28.2/28.0	47.3/48.3	93.4/94.6
Total Light Output (lm):		960/980	1,640/1,730	2,110/2,190	3,560/3,900	7,070/7,440
Efficacy (lm / ctW):		87/93	80/88	75/78	75/81	76/79
Illuminance at 1m (lux):		420/430	720/760	920/940	1,470/1,590	2,840/3,010
Beam Angle (deg):		100	100	100	100	100
CCT (K):		3,000/4,000	3,000/4,000	3,000/4,000	3,000/4,000	3,000/4,000
CRI (Ra):		80	80	80	80	80
Rated Life (hrs):		25,000	25,000	25,000	25,000	25,000
Warranty (yrs):		2	2	2	2	2
Ingress Protection (IP):		65	65	65	65	65
Impact Rating (IK):		05	05	05	05	05
Operating Temperature (°C):		-20 ≤ Ta ≤ +40	-20 ≤ Ta ≤ +40			
Operating Voltage (Vac):		220-240	220-240	220-240	220-240	220-240
Power Factor (PF):		0.6	0.6	0.99	0.99	0.99
Height (mm):		114/166	121/175	132/190	165/224	283
Width (mm):		114	129	144	184	285
Depth (mm):		62/81	63/82	63/82	63/82	63
Box Qty:		1	1	1	1	1
Weight (kg):		0.34/0.4	0.4/0.45	0.48/0.55	0.75/0.82	1.67



Sensor data:

Optimum Mounting Height:	2.5-4.0
Max Detection Diameter (at 3m):	10m
Time Delay:	10s to 10min
Lux Settings:	2lux, to 2000lux
Adjustable Detection Range:	7 - 10m



Standards & Approvals:

Complies with: EN 60598-1, EN 60598-2-5, EN 62471, EN 62493, EN 55015, EN 61000-3-2, EN 61000-3-3, EN 61547

Cone Illuminance Diagram:

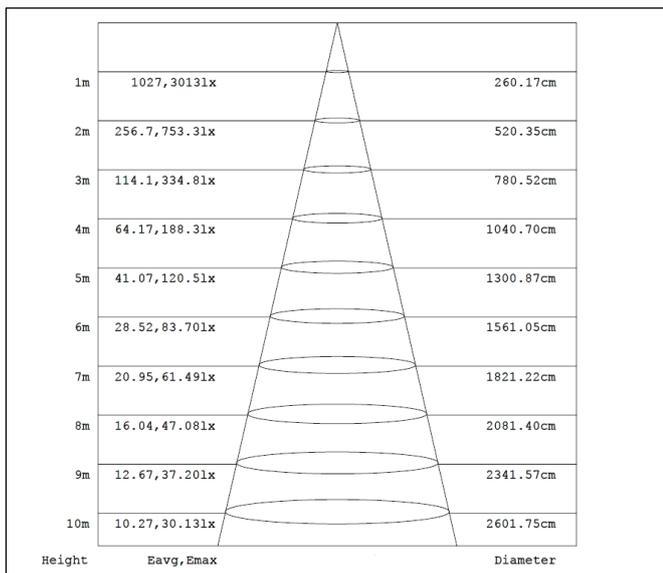


Diagram for RHL10040-04 in 4,000K. Other diagrams available on request

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Polar Intensity Diagram:

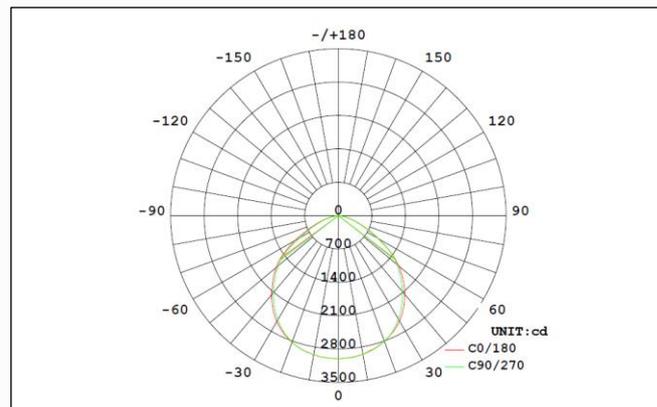


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