

COMMERCIAL

ROBUS®

DUKE 20W & 40W LED BATTEN, IP20, 0.6M AND 1.2M, WHITE, 4,000K AND 6,500K

This conventionally designed batten provides a strong and robust lighting solution whilst integrating the latest LED and driver technology to provide an energy efficient and long life alternative to traditional light sources. A unique integral microwave sensor option provides additional savings to reduce the buildings carbon footprint



Applications:

- Commercial building:
 - Offices
 - Corridors
 - Stairways
 - Kitchen and rest areas
 - Stationary & print rooms
- Retail shops
- Health centres
- Work stations
- Hotels
- Schools

Construction:

Steel Housing with Polycarbonate end caps & Trim
White powder coating finish
Polycarbonate diffuser
Galvanized steel screws
Aluminium, FR-4 PCB Material

Features:

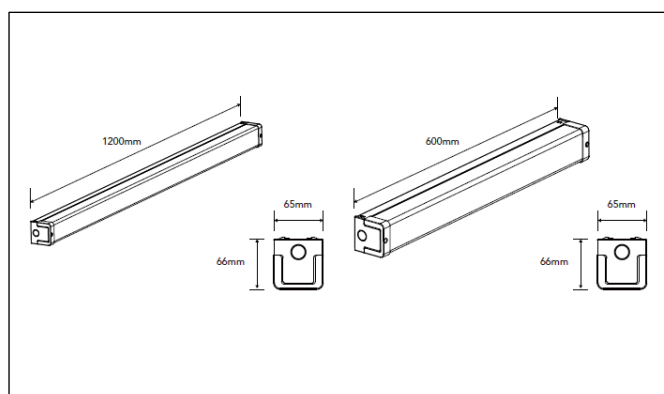
- Wire guard available for 20W & 40W versions
- Choice of available options for 40W version:
 - Emergency with 3 hours light output
 - Dual Power with integral microwave sensor
- Housing manufactured from powder coated pressed steel with polycarbonate end caps
- Tested to IK08
- Opal polycarbonate diffuser
- Utilises high quality LM80 and TM21 tested, 4,000K Hangke or 6,500K Shenzhen XUYU optoelectrics SMD LED's for:
 - High lumen output
 - Low power consumption
 - Rated LED life of 50,000 hours
- Solid state technology
 - No heat filaments, electrodes or seals
 - No cool down or warm up time
- Double, elongated keyhole mounting slots
- Large terminals
- LED main body to mounting base nylon support straps

Benefits:

- Provides additional protection if used in sports halls or other areas where it may be accidentally damaged
- Delivers:
 - Light on mains failure to safely traverse the building
 - Additional energy saving and functional control with a 20% intermediate light level and 60-minute time delay before off
- Strong, durable and robust, long life product
- Provides:
 - A uniform light spread with no dark areas
 - Anti-glare for enhanced eye comfort
- Delivers a neutral or daylight white light with:
 - Comparable light output to fluorescent T8
 - Superb efficacy greater than existing or future requirements
 - Low maintenance, with no lamp changes throughout life as there is with fluorescent
- Rugged – will not fail through vibration or hot to cold temperature changes for huge maintenance cost savings
- Has a wide ambient operating temperature range
- 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
- Can be operated 24/7
- For fast and simple installation
- Loop in/out for multiple conductors
- Allows 2 hands free for connection

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	0.6m	1.2m	1.2m	1.2m
	20W Standard	40W Standard	40W Emergency	40W Dual Power
Product Code:	RDK204006-01/ RDK206506-01	RDK404012-01/ RDK406512-01	RDK404012E-01	RDK404012DP-01
Comparable to:	2x18	2x36	2x36	2x36
Total Power (W):	21.6/21.8	39.6/38.5	40.9	39.6
Total Light Output (lm):	2,110/2,090	4,000/3,840	3,960	4,000
Efficacy (lm / cctW):	98/96	101/100	97	101
Rated Life (hrs):	50,000	50,000	50,000	50,000
Warranty (yrs):	5	5	5	5
Illuminance at 1m (lx):	550/520	1,050/970	1,030	1,050
Beam Angle (deg):	138	138	138	138
CCT (K):	4,000/6,500	4,000/6,500	4,000	4,000
CRI (Ra):	80	80	80	80
Emergency Light Output (lm):	NA	NA	370	NA
Emergency Illuminance at 1m (lx): (lx):	NA	NA	95	NA
Ingress Protection (IP):	20	20	20	20
Impact Rating (IK):	08	08	08	08
Operating Temperature (°C):	-20 ≤ Ta ≤ +40	-20 ≤ Ta ≤ +40	-10 ≤ Ta ≤ +40	-20 ≤ Ta ≤ +40
Operating Voltage (Vac):	220-240	220-240	220-240	220-240
Power Factor (PF):	0.97/0.96	0.97/0.99	0.97	0.97
Height (mm):	66	66	66	66
Length (mm):	600	1,200	1,200	1,200
Width (mm):	65	65	65	65
Box Qty:	1	1	1	1
Weight (kg):	0.85	1.55	2	1.7



Accessories:

RDK2006WG

WIRE GUARD 0.6m 20W

RDK4012WG

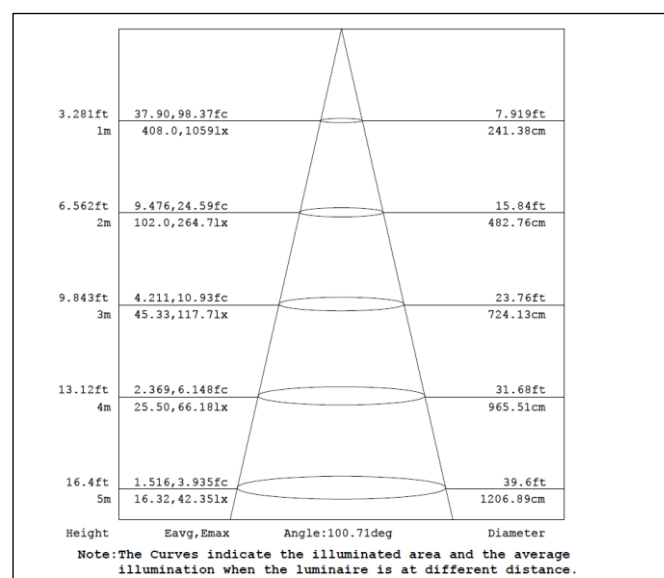
WIRE GUARD 1.2m 40W

MW Dual Power Sensor Default Settings:	
Detection sensitivity:	100%
Hold time:	5 min
Standby level before off:	20%
Standby time before off:	60 min
Lux switching level:	50 lx
Mounting height range:	2.5 – 3.5m Max
Detection range at 2.5 m:	16m Diameter Max
Detection angle:	360°

Standards & Approvals:

Complies with: RCM, AS 2293

Cone Illuminance Diagram:



Polar Intensity Diagram:

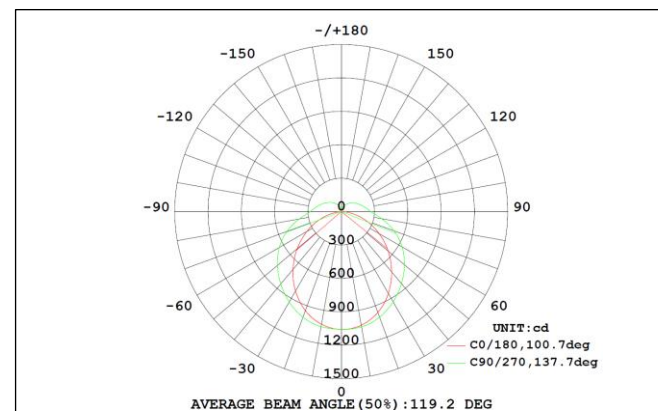


Diagram for RDK404012-01. Other diagrams available on request

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