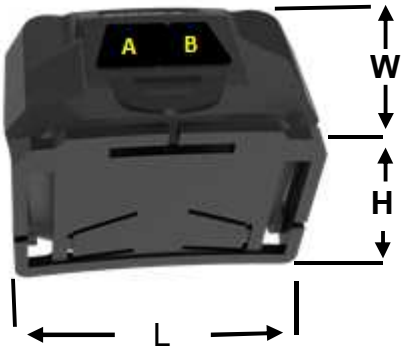
VARTA CONSUMER BATTERIES

Data Sheet Work Flex Motion Sensor H20 18648





Designation: …….....	18648 101 421		
Battery Requirement: ……...	3 x AAA		
Bulb required: ……..	1 pcs 4.8W XG2 6500K cool white LED		
	1pcs 3W COB 6500K cool white LED		
Luminous intensity: ……..	Spot-High:	150 lm	
	Spot-Low:	45 lm	
	Flood-High:	100 lm	
Range (spot mode):….....	78 m max high / 42m max Low		
Weight: ……..	58 g (without batteries)		
Material:…..……....	PC (Polycarbonate)		
	ABS (Acrylnitril-Butadien-Styrol)		
	Rubber		
	All contact parts made of bronze or nickel plated steel		
Dimensions (mm): ……	**Length (L):**	**63**	
	Width (W):	**37**	
	Height (H):	**50**	
Run Time:……..	Spot High:	4h	Spot Low: 20h
(with Varta LL Alkaline battery)	Flood High:	6h	Flood Low: 20h

Features (Technical):

Super bright 4.8W LED and 3W COB cool white LED

MCU control multiple functions

- Short press (3seconds memory wipe) – On/Off
- Short press (within 3 seconds):
  - A Button (Left button): Short press -> COB high on->COB low on -> off.
  - B Button (Right button): Short press -> Spot-high on -> Spot-low on ->blinking-> SOS mode->off
- Long press:
  - A Button (Left button) - Activates motion sensor (COB)
  - B Button (right button) – Activates motion sensor (LED)

Ratcheted pivot provides stable headlight rotation 45° (4 positions: 0, 15°, 30°, 45°)

Hands free and convenient way to operate on/off by waving motion

Detect hand wave distance 0-0.15m (cannot detected > 0.5m)

Powerful and focus cool-white spot light for long range visibility and sporty usage

2meters drop test

Eye risk group 1

10,000 Switch cycle life

IP54 dust resistant & water resistant

Passed extreme temperature shock test

No publication or circulation of data to third parties without consent of VARTA Consumer Batteries