



Type.....	18649 101 401
Designation .....	VARTA Work Flex Multifunction Light F20R
Input.....	5V DC, 200-2400mA
Battery required .....	1x 350mAh Li-Ion battery (3.7V 350mAh 1.3Wh)
LED .....	1x Toplite white COB cool white LED, CCT 6000-7000K 1x LEIRI 3W SMD cool white LED, CCT 5500-6500K
Luminous intensity .....	SPOT: 50lm or 100cd COB1 (BIG) Low: 50lm or 9cd COB1 (BIG) High: 100lm or 36cd COB2 (SMALL): 100lm or 36cd
Run Time .....	SPOT: 3h COB1 (BIG) Low: 6h COB1 (BIG) High: 3h COB2 (SMALL): 3h
Battery Charging Time .....	<= 2.5 h (5V, 0.2A-2.4A)
Range.....	20 m (calculated distance at maximum luminous intensity with an illuminance of 0.25 lux)

**Features (Technical).....**

180° foldable design

Magnetic design: "Stick" it to steel surfaces for  
hands-free use

MCU control multiple functions push switch:

*Short press - Top Spotlight - Big area COB light low mode -  
Big area COB light high mode -Small area COB light -Off  
(within 5s)*

5 seconds Memory:

*Memory the mode if longer than 5s*

*After 5 sec in any mode light switch directly off*

*Will reset to the memory mode if press on*

User display charging:

*Green blinking "1 Hz flashes" when charging <100%;*

*Solid Green ON when fully charged*

Low battery indication:

*Light will flash for 3 times with 1HZ every min on last  
10mins (if battery capacity reach <5%)*

Simultaneous Charge/Light:

*When charging the light, light level gets dimmed (within the  
temperature limits)*

Safety Features:

*NTC temperature protection*

*Charging circuit with protection for over-charged, over-  
discharged & short circuit protection*

6.6 feet (2 m) impact resistant

IP54 dust & water resistant

Eye risk group exempt

10,000 Switch cycle life

<b>Material</b> .....	Nylon	
	Aluminum	10,000 USB Type C Plug Insertion Life Test
	PC (Polycarbonate)	
	Rubber	Charge every six months
	(All contact parts made of bronze or nickel plated steel)	Port cover protects USB Type C port from environment
<b>Weight</b> .....	61 g	Pocket clip & including USB Type C charging cable
<b>Dimensions</b> .....		
<b>A1</b>	225 mm (unfolded)	
<b>A2</b>	120.1 mm (folded)	
<b>B</b>	19.2 mm	
<b>C</b>	30.3 mm (folded)	
<b>D</b>	27.8 mm (folded)	

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