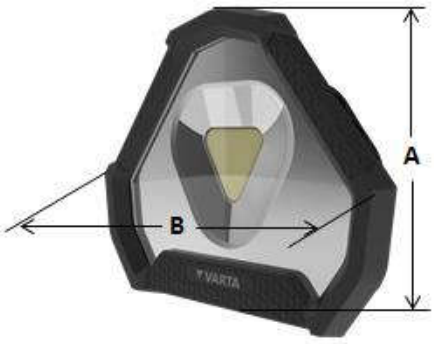
Data Sheet 12W Rechargeable Workflex Stadium Light 18647







Designation:	18647 101 401	
Input:	DC5V, 1000mA – 2400mA	
Battery Requirement:	2 x 18650 Li-Ion Battery Li-ion 3.6V 5200mAh (2x2600mAh) 18.72Wh Battery	
Lamp required:	1pcs Konglighting 12w COB cool white LED	
Luminous intensity:	High	1450 lm
	Mid	800 lm
	Low	200 lm
Range	45 m max high / 30m mid / 15m low	
Weight:	437.6 g	
Material:	PC (Polycarbonate) ABS TPR POM All contact parts made of bronze or nickel plated steel	
Dimensions:	**Height (A):**	**158.7 mm**
	Length (B):	**199.4 mm**
	Max Width (C):	**125 mm (90°)**
	Min Width (D)	**41.6mm (folden)**
Run Time:	High:	2.5h
with fully charged	Mid:	4.5h
	Low	15h
Charging Time:	5V 1A ≤ 8h / 5V 2.4A ≤ 4h	

Features (Technical):

Super bright 12W COB Area light

Powerful cool white area light for ultra-wide-view

MCU control multiple functions push switch(High/Mid/Low/Off)

4seconds memory wipe: Reset mode to off or reset off to high mode if longer than 4seconds

User display status discharging:	Blue LED indicator “1HZ flashes” when charging<100%; Solid blue ON when fully charged
User display status discharging:	Red LED: 3flashes@2HZ-off for 2secs-repeat (Low battery remind when<5%)
Simultaneous Charge:	Plug in MicroUSB->Lowmode->Pull out MicroUSB->Recover to “Highmode” ->Off Reset to High/Mid/Low/Off (memory wipe)
180° handle rotation:	7Position adjustable folding in place (0,30º, 60º, 90º, 120º, 180º)

Charging circuit with protection for over-charged & over-discharged

Discharging to LED system stop when battery reach 3.0V

NTC temperature protection

2meters drop test

IPX54 dust resistant & water resistant

EN62471 eye risk group 1

10.000 switch cycle life

10.000 micro USB plug insertion life test

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