

## Q-Flow minor lights

**A new star has been born to Merivaara award-winning light family - Q-Flow for examinations and minor surgeries**

### **Q-Flow 1 and Q-Flow 2 compact lamps for different kind of premises**

Merivaara's Q-Flow surgical light has received several **design awards**. Now the family has grown with two compact lamps: Q-Flow 1 and Q-Flow 2 utilize the technology of the large Q-Flow surgical lights, where excellent tissue color rendition is an essential feature. Merivaara's Q-Flow 1 examination lamp and the Q-Flow 2 minor surgical lamp are designed for small surgical operations, particularly suitable for smaller operations performed outside main operating rooms. The light heads can be easily connected to arms optimized for different procedures, which improves the ergonomics of the healthcare staff. The new lamps of the Q-Flow product series can be used with one hand: this improves patient safety, as the user can keep the other hand clean for patient treatment. Smooth design of splash proof enclosure ensures efficient cleaning of the product.





reddot winner 2024



## Q-Flow models



### Q-Flow 1 examination light

**Main features:**

- Single hand use
- Excellent color rendering capability
- Detachable sterilizable handle
- Easy to clean

### Q-Flow 2 surgical light

**Additional features:**

- High illumination power
- Double yoke option available

## Benefits of the Q-Flow minor lights

### 1. COMFORTABLE WORKING CONDITIONS

- Single hand use
- Detachable sterilizable handle
- Simplified user interface

### 2. PERFECT COLOR RENDERING

- Close to perfect overall color rendering properties
- Illuminates even minor differences of red colored tissues
- Excellent skin color rendering for bedside wound treatment

### 3. REDUCED RISK OF INFECTION

- Smooth and easy to clean design



## Technical Specifications

	Q-Flow 1	Q-Flow 2
Max illumination intensity @ 1.0 m* (lux)	50 000	100 000
Color rendering index (Ra)	98	98
Red color rendering index (R9)	93	97
"Skin color" rendering index (R13)	98	98
Colour temperature (K)	4 400	4 400
Depth of illumination @ 60 % (mm)	1100	900
Light field diameter (mm)	240	150 - 220
Dimming	25 - 100	25 - 100
Number of LEDs	9	18
Average life time of LED (h)	> 60 000	> 60 000
Working distance (mm)	500 - 1500	500 - 1500
Power consumption (W)	17	32
External dimensions (mm)	Length 400, Ø 260	Length 400, Ø 260
Lamp weight (kg)	2,6	2,7
Detachable sterilizable handle	√	√
Disposable sterile handle cover	O	O
Degree of protection (lamp head)	IP44	IP44
Product code	520103, 520101, 520203, 520201	520103, 520101, 520203, 520201
Manufacturer: Merivaara Corp.		
√ = included		
O = optional		
*) Tolerance ±10%		

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