

# OT Solutions

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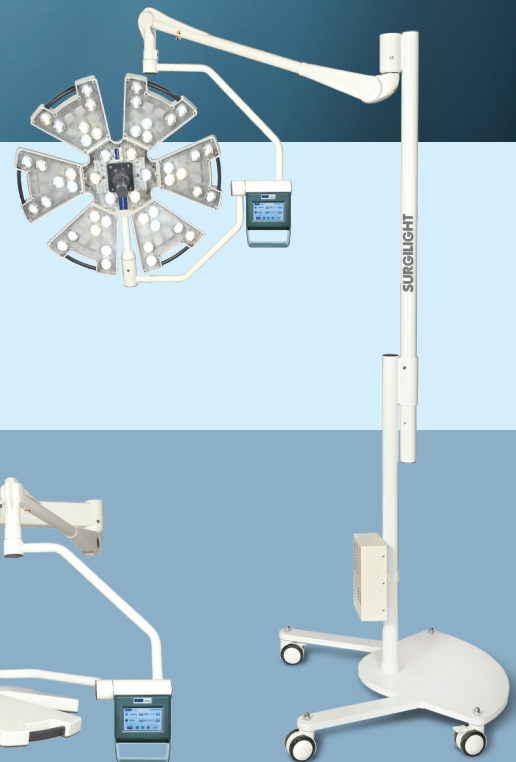
Light with the  
Perfect Vision

## SURGILIGHT

LED Operating & Surgical Lights

The innovative Surgilight- operating and surgical lights bring all the benefits of state-of-the-art LED technology in a uniquely effective manner. The user-friendly digital control panel with touchscreen gives the possibility to adjust and regulate illumination levels, colour temperature and focus for different applications.

The ergonomic & eco-friendly open petal design of the light head minimizes disruption of laminar airflow ensuring perfect hygiene whereas the best-in-class spring arms (with anti drift property) from German technology enable swift, seamless and smooth maneuverability.



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## TECHNICAL SPECIFICATIONS

Parameters	Surgilight 2410	Surgilight 2416	Surgilight 4816
Diameter Of Light Head (mm)	590	590	680
Light Intensity Ec [in Lux] (at 1 meter distance)	1,00,000	1,60,000	1,60,000
Color Temperature [K]	4,000 K	4,000 K	3,500 - 5,000 K
Color Rendering Index-CRI [Ra]	≥92	≥92	≥95
Red Rendering Index- R9	≥92	≥92	≥93
Light Field Diameter (mm)	150 -300	150 -300	150 -300
Number of LEDs	28	28	60
Lifetime of LEDs (hrs)	≥60,000	≥60,000	≥60,000
Total Power Consumption (W)	60	80	100
Depth of illumination (L1+L2) at 20% (mm)	1,000	1,000	1,200
Depth of illumination (L1+L2) at 60% (mm)	600	600	650
Temperature Increase in Surgeon's Head Area (C)	≤2	≤2	≤2
Heat-to-Light Ratio (mW/m2.Lux)	3.2	3.2	3.2
Camera Adaptability	NA	NA	Optional
Control Panel with Touch Screen	Inbuilt with Light Head	Inbuilt with Light Head	Inbuilt with Light Head
Digital Focusing	Through Control Panel	Through Control Panel	Through Control Panel
LED Light System	Combination of Warm and Cool White LEDs	Combination of Warm and Cool White LEDs	Combination of Warm and Cool White LEDs
Construction of Light Head	Aluminium Body	Aluminium Body	Aluminium Body
Obstacle Detecting System Module	NA	NA	Optional
IEC 60601-1, IEC 60601-2 and IEC 60601-2-41	Compliance	Compliance	Compliance

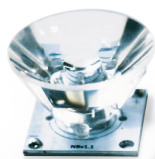
Engineering Tolerance: ±5%

### Surgilight Combinations

- Surgilight 2410 - Surgilight 2410
- Surgilight 2410 - Surgilight 2416
- Surgilight 2410 - Surgilight 4816
- Surgilight 2416 - Surgilight 2416
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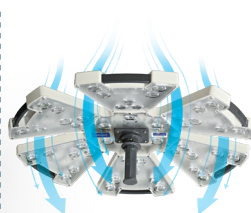
### Add-on Accessories

- Wireless handset control unit (07101)
- Wireless wall control unit (07102)
- Camera with viewing option (07103)
- Extra arm for monitor [5 to 15 kgs] (07105)
- Video recording system (07106)
- Reusable sterilizable handle (07107)
- Sterilizable camera cover (07108)



60,000 Hours

State-of-the-art Led Technology with Path-breaking Design Ensures Superior Performance



Laminar Airflow Friendly Design



Optimum Thermal Management



User Friendly Control Panel with Touchscreen



Wall Control & Hand Control Unit



Video Control Unit



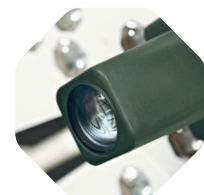
Adjustable Colour Temperature



Autonomous Obstacle Sensing Technology



Digital Focusing



Full HD Camera with Sterilizable Handle

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We are interested in growing relationships



Surgilight: 03:06.05.23