

Derungs

MEDICAL LIGHTING



Technical product overview

2026



Technical Product Overview 2026

Discover a compact selection of our latest technical products in this catalog. Derungs Licht AG offers solutions for a wide range of needs – innovative, efficient, and at the cutting edge of technology.

Language English

www.derungs.swiss

Surgery lights

- TRIANGO 130 C Duo
- TRIANGO 130 C
- TRIANGO 130 W
- TRIANGO 130 F
- TRIANGO 100 C DUO
- TRIANGO 100 C
- TRIANGO 100 W
- TRIANGO 100 F
- TRIANGO 100 F Battery
- TRIANGO 80 C
- TRIANGO 80 W
- TRIANGO 80 F
- TRIANGO 80 F Battery
- TRIANGO 60 C
- TRIANGO 60 W
- TRIANGO 60 F
- TRIANGO 60 F Battery

Examination lights

- VISIANO 20 Pro C T1
- VISIANO 20 Pro P TX
- VISIANO 20 C T1
- VISIANO 20 P TX
- VISIANO 10 P S10
- HALUX N50 P FX
- HALUX N50 P SX
- HALUX N30 P F1
- HALUX N30 P SGV Gyn
- HALUX N30 P SG
- HALUX N30 P S
- HALUX N30 F
- HALUX N30 Ambulance

Laboratory lights

- TANEOLab

Magnifier lights

- OPTICLUX 10 C T1
- OPTICLUX 10 P TX
- OPTICLUX Hand 10

Care lights

- AMALIA 2 P S4
- AMALIA 2 P S7
- AMALIA 2 B S8
- CULTA LED S 4 P S3
- CULTA LED S 4 B S9

Accessories

- Mounting hardware
- Handles
- Others
- Support arm systems - on request

100% medical engineering

TRIANGO 130 C DUO



TECHNICAL DATA

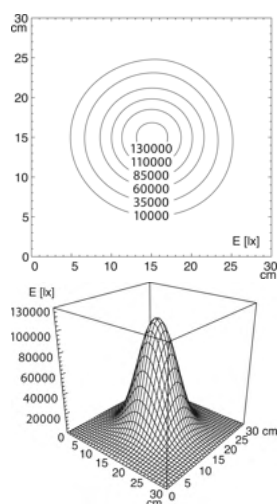
ILLUMINANCE	2 x 130 000 lux at 1.0 m
LIGHT FIELD DIAMETER (D10)	16 / 20 / 25 cm at 1.0 m
COLOR RENDERING INDEX CRI (RA)	96
COLOR TEMPERATURE	3 700 / 4 300 / 4 700 K
ILLUMINATION DEPTH	80 cm
NUMBER OF LEDS	45
OPERATING DEVICE	Electronic converter
POWER CORD	Direct power supply
POWER CONSUMPTION	2 x 40 W
RATED INPUT VOLTAGE	100 - 240 V
FREQUENCY RANGE	50 / 60 Hz
LUMINAIRE HOUSING	Polyamide (PA)
WEIGHT (NET)	30 kg (Duo total)
OPERATION	Membrane keypad on gimbal
DIMMING	4 dimming levels (100% / 80% / 60% / 40%)
JOINT MECHANISM	Spring (counterbalance)
PROTECTION CLASS	I
DEGREE OF PROTECTION	IP 20, IP 43 (luminaire head, horizontal position)
STANDARDS	EN 60601-1, EN 60601-2-41
SPECIAL FEATURES	High-quality arm system, Focusable, Color-changeable, Diamond optics
MOUNTING	Ceiling mount, Ceiling tube can be cut on site (length: 25-120 cm)
ACCESSORIES	Sterilisable surgical handle, Disposable handle cover, Intermediate ceiling adapter

SURGICAL LIGHTS

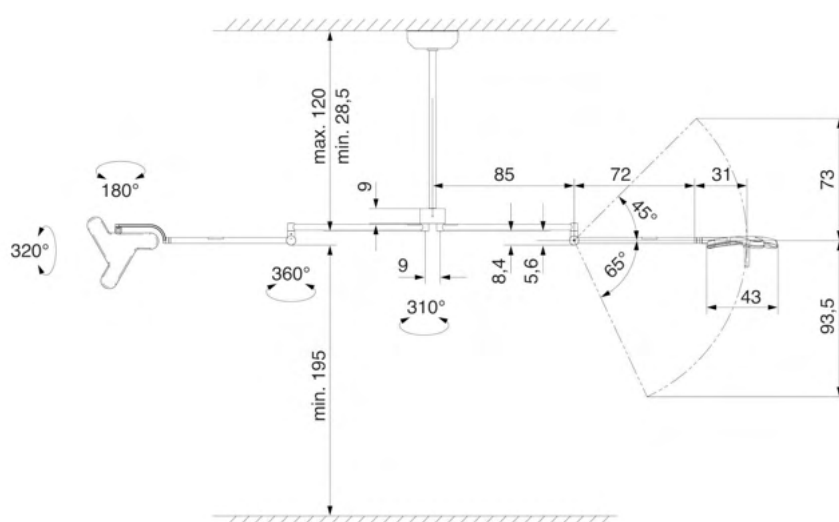


	Order No.
TRIANGO Fokus 130-3 C Duo	D16248000-00815890

LIGHT DISTRIBUTION



TECHNICAL DRAWING



TRIANGO 130 C



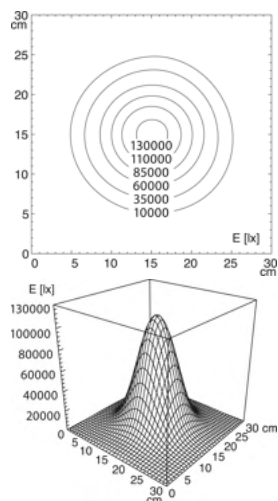
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ILLUMINANCE	130 000 lux at 1.0 m
LIGHT FIELD DIAMETER (D10)	16 / 20 / 25 cm at 1.0 m
COLOR RENDERING INDEX CRI (RA)	96
COLOR TEMPERATURE	3 700 / 4 300 / 4 700 K
ILLUMINATION DEPTH	80 cm
NUMBER OF LEDS	45
OPERATING DEVICE	Electronic converter
POWER CORD	Direct power supply
POWER CONSUMPTION	40 W
RATED INPUT VOLTAGE	100 - 240 V
FREQUENCY RANGE	50 / 60 Hz
LUMINAIRE HOUSING	Polyamide (PA)
WEIGHT (NET)	15.9 kg
OPERATION	Membrane keypad on gimbal
DIMMING	4 dimming levels (100% / 80% / 60% / 40%)
JOINT MECHANISM	Spring (counterbalance)
PROTECTION CLASS	I
DEGREE OF PROTECTION	IP 20, IP 43 (luminaire head, horizontal position)
STANDARDS	EN 60601-1, EN 60601-2-41
SPECIAL FEATURES	High-quality arm system, Focusable, Color-changeable, Diamond optics
MOUNTING	Ceiling mount, Ceiling tube can be cut on site (length: 25-120 cm)
ACCESSORIES	Sterilisable surgical handle, Disposable handle cover, Intermediate ceiling adapter

SURGICAL LIGHTS

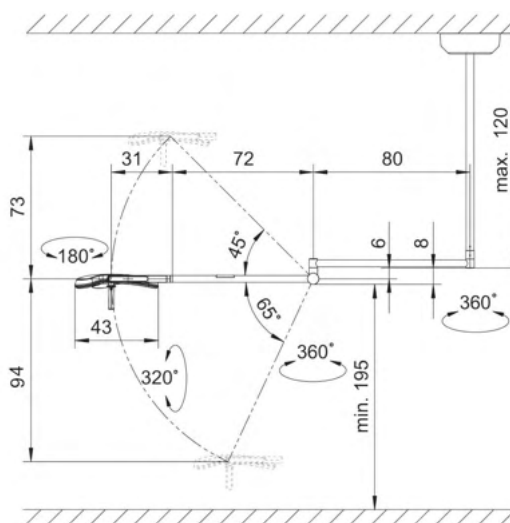


	Order No.
TRIANGO Fokus 130-3 C	D16290000-00815879

LIGHT DISTRIBUTION



TECHNICAL DRAWING



TRIANGO 130 W



TECHNICAL DATA

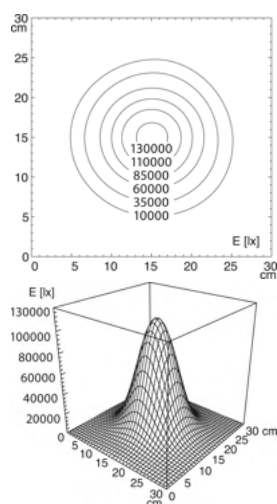
ILLUMINANCE	130 000 lux at 1.0 m
LIGHT FIELD DIAMETER (D10)	16 / 20 / 25 cm at 1.0 m
COLOR RENDERING INDEX CRI (RA)	96
COLOR TEMPERATURE	3 700 / 4 300 / 4 700 K
ILLUMINATION DEPTH	80 cm
NUMBER OF LEDS	45
OPERATING DEVICE	Electronic converter
POWER CORD	Direct power supply
POWER CONSUMPTION	40 W
RATED INPUT VOLTAGE	100 - 240 V
FREQUENCY RANGE	50 / 60 Hz
LUMINAIRE HOUSING	Polyamide (PA)
WEIGHT (NET)	15.3 kg
OPERATION	Membrane keypad on gimbal
DIMMING	4 dimming levels (100% / 80% / 60% / 40%)
JOINT MECHANISM	Spring (counterbalance)
PROTECTION CLASS	I
DEGREE OF PROTECTION	IP 20, IP 43 (luminaire head, horizontal position)
STANDARDS	EN 60601-1, EN 60601-2-41
SPECIAL FEATURES	High-quality arm system, Focusable, Color-changeable, Diamond optics
MOUNTING	Wall mount
ACCESSORIES	Sterilisable surgical handle, Disposable handle cover

SURGICAL LIGHTS

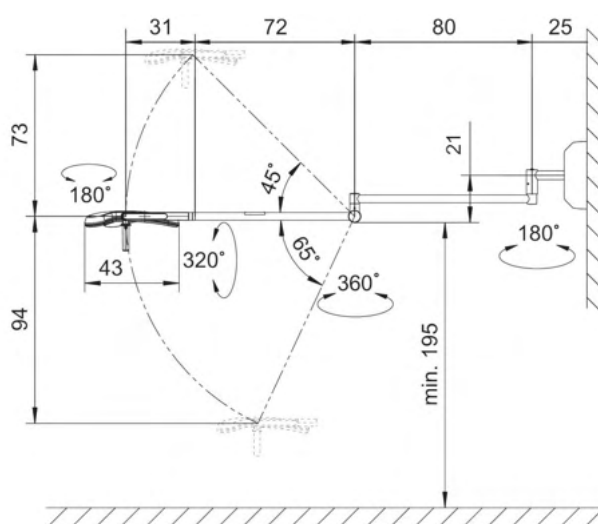


	Order No.
TRIANGO Fokus 130-3 W	D16291000-00815626

LIGHT DISTRIBUTION



TECHNICAL DRAWING



TRIANGO 130 F



TECHNICAL DATA

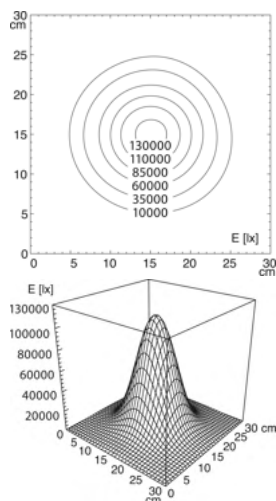
ILLUMINANCE	130 000 lux at 1.0 m
LIGHT FIELD DIAMETER (D10)	16 / 20 / 25 cm at 1.0 m
COLOR RENDERING INDEX CRI (RA)	96
COLOR TEMPERATURE	3 700 / 4 300 / 4 700 K
ILLUMINATION DEPTH	80 cm
NUMBER OF LEDS	45
OPERATING DEVICE	Electronic converter
POWER CORD	3 m
POWER CONSUMPTION	40 W
RATED INPUT VOLTAGE	100 - 240 V
FREQUENCY RANGE	50 / 60 Hz
LUMINAIRE HOUSING	Polyamide (PA)
WEIGHT (NET)	20 kg
OPERATION	Membrane keypad on gimbal
DIMMING	4 dimming levels (100% / 80% / 60% / 40%)
JOINT MECHANISM	Spring (counterbalance)
PROTECTION CLASS	I
DEGREE OF PROTECTION	IP 20, IP 43 (luminaire head, horizontal position)
STANDARDS	EN 60601-1, EN 60601-2-41
SPECIAL FEATURES	High-quality arm system, Focusable, Color-changeable, Diamond optics
MOUNTING	Roller stand
ACCESSORIES	Sterilisable surgical handle, Disposable handle cover

SURGICAL LIGHTS

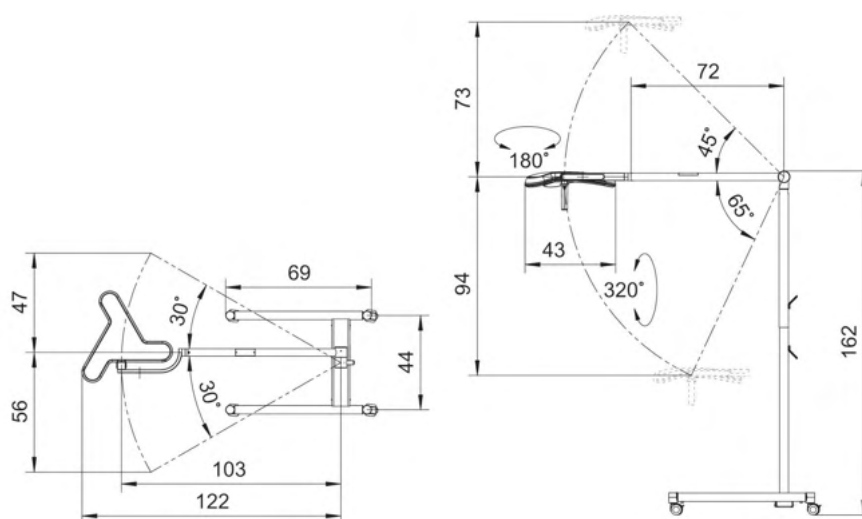


	Order No.
TRIANGO Fokus 130-3 F	D16292000-00815627 - Schuko D16293000-00815268 - UK D16295000-00815630 - CH

LIGHT DISTRIBUTION



TECHNICAL DRAWING



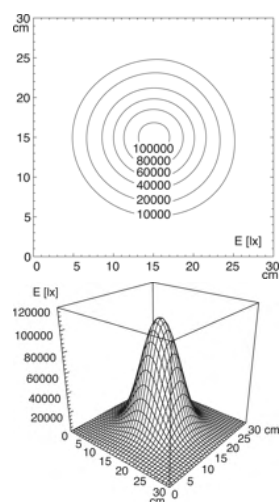
SURGICAL LIGHTS

ILLUMINANCE	2 x 100 000 lux at 1.0 m
ILLUMINATION DEPTH	74 cm
OPERATING DEVICE	Electronic converter
POWER CORD	Direct power supply
POWER CONSUMPTION	2 x 40 W
RATED INPUT VOLTAGE	100 - 240 V
FREQUENCY RANGE	50 / 60 Hz
LUMINAIRE HOUSING	Polyamide (PA)
WEIGHT (NET)	30 kg (Duo total)
OPERATION	Membrane keypad on gimbal
DIMMING	4 dimming levels (100% / 80% / 60% / 40%)
JOINT MECHANISM	Spring (counterbalance)
PROTECTION CLASS	I
DEGREE OF PROTECTION	IP 20, IP 43 (luminaire head, horizontal position)
STANDARDS	EN 60601-1, EN 60601-2-41
SPECIAL FEATURES	High-quality arm system, Diamond optics
MOUNTING	Ceiling mount, Ceiling tube can be cut on site (length: 25-120 cm)
ACCESSORIES	Sterilisable surgical handle, Disposable handle cover, Intermediate ceiling adapter

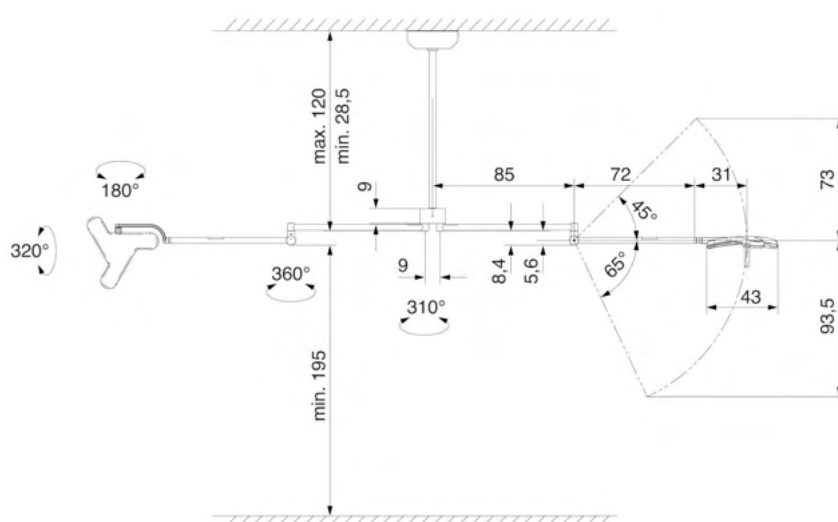


	Light field diameter (D10)	Color Rendering Index CRI (Ra)	Color temperature	Number of LEDs	Order No.
TRIANGO 100-1 C DUO	18 cm at 1.0 m	94	4 700 K	9	D16201000-00811242
TRIANGO Fokus 100-3 C DUO	18 / 23 / 28 cm at 1.0 m	96	3 700 / 4 300 / 4 700 K	45	D16202000-00811330

LIGHT DISTRIBUTION



TECHNICAL DRAWING



TRIANGO 100 C

TECHNICAL DATA

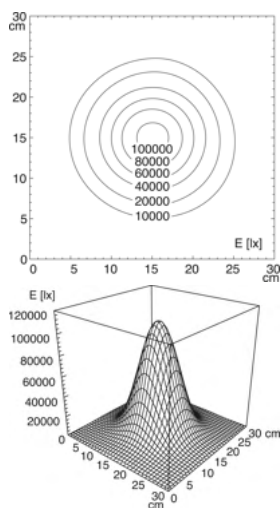
ILLUMINANCE	100 000 lux at 1.0 m
ILLUMINATION DEPTH	74 cm
OPERATING DEVICE	Electronic converter
POWER CORD	Direct power supply
POWER CONSUMPTION	40 W
RATED INPUT VOLTAGE	100 - 240 V
FREQUENCY RANGE	50 / 60 Hz
LUMINAIRE HOUSING	Polyamide (PA)
WEIGHT (NET)	15,9 kg
OPERATION	Membrane keypad on gimbal
DIMMING	4 dimming levels (100% / 80% / 60% / 40%)
JOINT MECHANISM	Spring (counterbalance)
PROTECTION CLASS	I
DEGREE OF PROTECTION	IP 20, IP 43 (luminaire head, horizontal position)
STANDARDS	EN 60601-1, EN 60601-2-41
SPECIAL FEATURES	High-quality arm system, Diamond optics
MOUNTING	Ceiling mount, Ceiling tube can be cut on site (length: 25-120 cm)
ACCESSORIES	Sterilisable surgical handle, Disposable handle cover, Intermediate ceiling adapter

SURGICAL LIGHTS

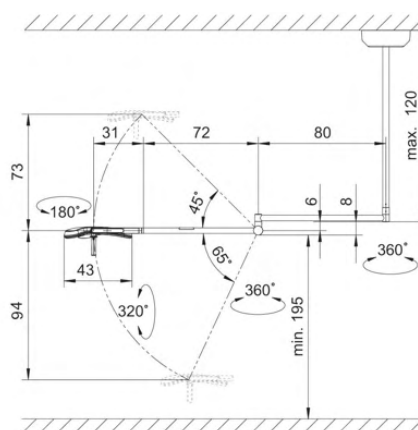


	Light field diameter (D10)	Color Rendering Index CRI (Ra)	Color temperature	Number of LEDs	Dimming	Order No.
TRIANGO 100-1 C	18 cm at 1.0 m	94	4 700 K	9	4 dimming levels (100% / 80% / 60% / 40%)	D15884000-00802695
TRIANGO 100-3 C	18 cm at 1.0 m	94	3 700 / 4 300 / 4 700 K	9	4 dimming levels (100% / 80% / 60% / 40%)	D15885000-00803113
TRIANGO Fokus 100-1 C	18 / 23 / 28 cm at 1.0 m	96	4 700 K	45	4 dimming levels (100% / 80% / 60% / 40%)	D15886000-00803685
TRIANGO Fokus 100-3 C	18 / 23 / 28 cm at 1.0 m	96	3 700 / 4 300 / 4 700 K	45	4 dimming levels (100% / 80% / 60% / 40%)	D15887000-00803686
TRIANGO Endo 100-1 C	18 cm at 1.0 m	94	4 700 K	9	4 dimming levels (100% / 80% / 60% / 40%), Endo mode	D15972000-00803704

LIGHT DISTRIBUTION



TECHNICAL DRAWING



TRIANGO 100 W



TECHNICAL DATA

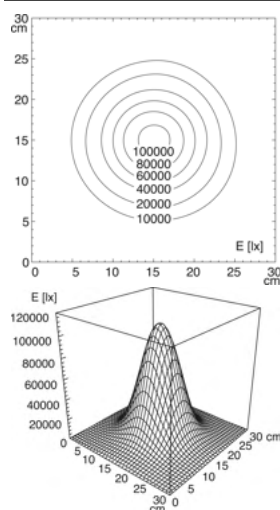
ILLUMINANCE	100 000 lux at 1.0 m
ILLUMINATION DEPTH	74 cm
OPERATING DEVICE	Electronic converter
POWER CORD	Direct power supply
POWER CONSUMPTION	40 W
RATED INPUT VOLTAGE	100 - 240 V
FREQUENCY RANGE	50 / 60 Hz
LUMINAIRE HOUSING	Polyamide (PA)
WEIGHT (NET)	15.3 kg
OPERATION	Membrane keypad on gimbal
DIMMING	4 dimming levels (100% / 80% / 60% / 40%)
JOINT MECHANISM	Spring (counterbalance)
PROTECTION CLASS	I
DEGREE OF PROTECTION	IP 20, IP 43 (luminaire head, horizontal position)
STANDARDS	EN 60601-1, EN 60601-2-41
SPECIAL FEATURES	High-quality arm system, Diamond optics
MOUNTING	Wall mount
ACCESSORIES	Sterilisable surgical handle, Disposable handle cover

SURGICAL LIGHTS

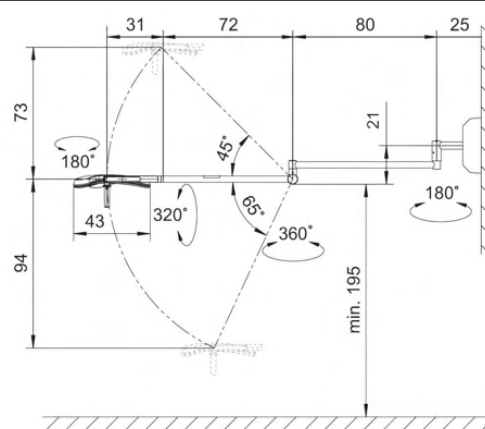


	Light field diameter (D10)	Color Rendering Index CRI (Ra)	Color temperature	Number of LEDs	Dimming	Order No.
TRIANGO 100-1 W	18 cm at 1.0 m	94	4 700 K	9	4 dimming levels (100% / 80% / 60% / 40%)	D15888000-00803663
TRIANGO 100-3 W	18 cm at 1.0 m	94	3 700 / 4 300 / 4 700 K	9	4 dimming levels (100% / 80% / 60% / 40%)	D15889000-00803114
TRIANGO Fokus 100-1 W	18 / 23 / 28 cm at 1.0 m	96	4 700 K	45	4 dimming levels (100% / 80% / 60% / 40%)	D15890000-00803687
TRIANGO Fokus 100-3 W	18 / 23 / 28 lux at 1.0 m	96	3 700 / 4 300 / 4 700 K	45	4 dimming levels (100% / 80% / 60% / 40%)	D15891000-00803688
TRIANGO Endo 100-1 W	18 cm at 1.0 m	94	4 700 K	9	4 dimming levels (100% / 80% / 60% / 40%), Endo mode	D15973000-00803706

LIGHT DISTRIBUTION



TECHNICAL DRAWING



TRIANGO 100 F



TECHNICAL DATA

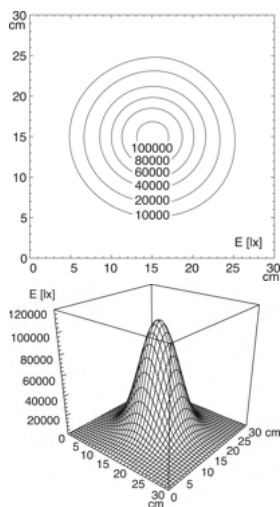
ILLUMINANCE	100 000 lux at 1.0 m
ILLUMINATION DEPTH	74 cm
OPERATING DEVICE	Electronic converter
POWER CORD	3 m
POWER CONSUMPTION	40 W
RATED INPUT VOLTAGE	100 - 240 V
FREQUENCY RANGE	50 / 60 Hz
LUMINAIRE HOUSING	Polyamide (PA)
WEIGHT (NET)	20 kg
OPERATION	Membrane keypad on gimbal
DIMMING	4 dimming levels (100% / 80% / 60% / 40%)
JOINT MECHANISM	Spring (counterbalance)
PROTECTION CLASS	I
DEGREE OF PROTECTION	IP 20, IP 43 (luminaire head, horizontal position)
STANDARDS	EN 60601-1, EN 60601-2-41
SPECIAL FEATURES	High-quality arm system, Diamond optics
MOUNTING	Roller stand
ACCESSORIES	Sterilisable surgical handle, Disposable handle cover

SURGICAL LIGHTS

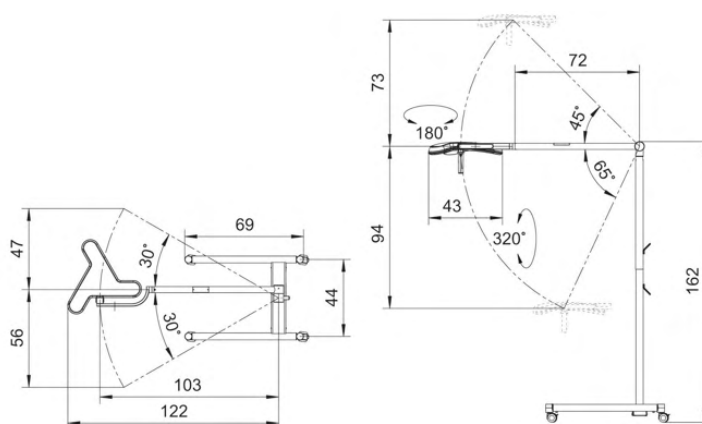


	Light field diameter (D10)	Color Rendering Index CRI (Ra)	Color temperature	Number of LEDs	Dimming	Order No.
TRIANGO 100-1 F	18 cm at 1.0 m	94	4 700 K	9	4 dimming levels (100% / 80% / 60% / 40%)	D15892000-00803664 - Schuko D15911000-00803665 - UK D15923000-00803670 - CH
TRIANGO 100-3 F	18 cm at 1.0 m	94	3 700 / 4 300 / 4 700 K	9	4 dimming levels (100% / 80% / 60% / 40%)	D15893000-00803115 - Schuko D15912000-00803187 - UK D15924000-00803671 - CH
TRIANGO Fokus 100-1 F	18 / 23 / 28 cm at 1.0 m	96	4 700 K	45	4 dimming levels (100% / 80% / 60% / 40%)	D15894000-00803689 - Schuko D15913000-00803700 - UK D15925000-00803698 - CH
TRIANGO Fokus 100-3 F	18 / 23 / 28 cm at 1.0 m	96	3 700 / 4 300 / 4 700 K	45	4 dimming levels (100% / 80% / 60% / 40%)	D15895000-00803690 - Schuko D15914000-00803188 - UK D15926000-00803699 - CH
TRIANGO Endo 100-1 F	18 cm at 1.0 m	94	4 700 K	9	4 dimming levels (100% / 80% / 60% / 40%), Endo mode	D15974000-00803707 - Schuko D15975000-00803708 - UK D15978000-00803711 - CH

LIGHT DISTRIBUTION



TECHNICAL DRAWING



TRIANGO 100 F BATTERY



TECHNICAL DATA

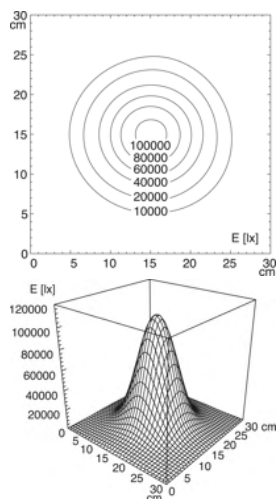
ILLUMINANCE	100 000 lux at 1.0 m
ILLUMINATION DEPTH	74 cm
OPERATING DEVICE	Electronic converter
POWER CORD	3 m
POWER CONSUMPTION	40 W
RATED INPUT VOLTAGE	100 - 240 V
FREQUENCY RANGE	50 / 60 Hz
LUMINAIRE HOUSING	Polyamide (PA)
WEIGHT (NET)	32 kg
OPERATION	Membrane keypad on gimbal
DIMMING	4 dimming levels (100% / 80% / 60% / 40%)
JOINT MECHANISM	Spring (counterbalance)
PROTECTION CLASS	I
DEGREE OF PROTECTION	IP 20, IP 43 (luminaire head, horizontal position)
STANDARDS	EN 60601-1, EN 60601-2-41
SPECIAL FEATURES	High-quality arm system, Diamond optics, BATTERY - UPSmed Pack
MOUNTING	Roller stand
ACCESSORIES	Sterilisable surgical handle, Disposable handle cover
BATTERY TYPE	NP17 - 12I Industrial VRLA battery
BATTERY LIFE	≤ 4.5 h
BATTERY LIFETIME UP TO 70%	1 200 Cycles

SURGICAL LIGHTS

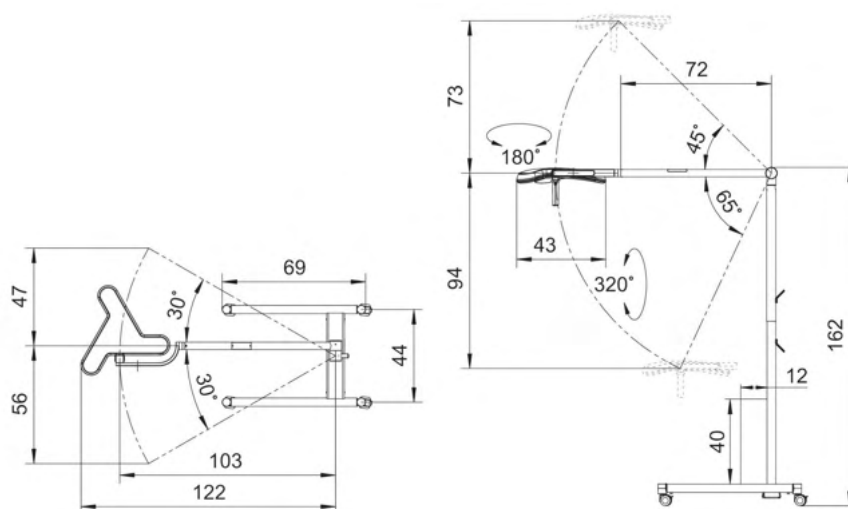


	Light field diameter (D10)	Color Rendering Index CRI (Ra)	Color temperature	Number of LEDs	Order No.
TRIANGO 100-1 F Battery	18 cm at 1.0 m	94	4 700 K	9	D16222000-00814491 - Schuko D16224000-00814493 - CH D16226000-00814495 - UK
TRIANGO Fokus 100-3 F Battery	18 / 23 / 28 cm at 1.0 m	96	3 700 / 4 300 / 4 700 K	45	D16223000-00814492 - Schuko D16225000-00814494 - CH D16231000-00814496 - UK

LIGHT DISTRIBUTION



TECHNICAL DRAWING



TRIANGO 80 C



TECHNICAL DATA

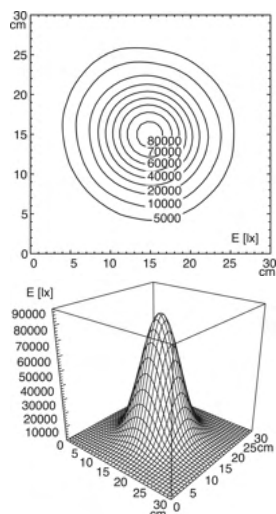
ILLUMINANCE	80 000 lux at 1.0 m
LIGHT FIELD DIAMETER (D10)	18 cm at 1.0 m
COLOR RENDERING INDEX CRI (RA)	95
COLOR TEMPERATURE	4 500 K
ILLUMINATION DEPTH	124 cm
NUMBER OF LEDS	7
OPERATING DEVICE	Electronic converter
POWER CORD	Direct power supply
POWER CONSUMPTION	32 W
RATED INPUT VOLTAGE	100 - 240 V
FREQUENCY RANGE	50 / 60 Hz
LUMINAIRE HOUSING	Polycarbonate (PC), Acrylic butadiene styrene copolymer (ABS)
WEIGHT (NET)	14 kg
OPERATION	Rotary knob on luminaire head
DIMMING	Stepless (40-100%)
JOINT MECHANISM	Spring (counterbalance)
PROTECTION CLASS	I
DEGREE OF PROTECTION	IP 20, IP 43 (luminaire head, horizontal position)
STANDARDS	EN 60601-1, EN 60601-2-41
SPECIAL FEATURES	Sterilizable handle, Diamond optics
MOUNTING	Ceiling mount, Ceiling tube can be cut on site (length: 25-120 cm)
ACCESSORIES	Sterilisable surgical handle, Disposable handle cover, Intermediate ceiling adapter

SURGICAL LIGHTS

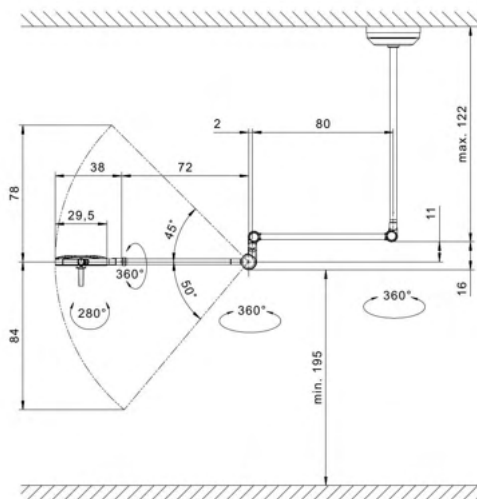


	Order No.
TRIANGO 80-1 C	D16131000-00808951

LIGHT DISTRIBUTION



TECHNICAL DRAWING



TRIANGO 80 W



TECHNICAL DATA

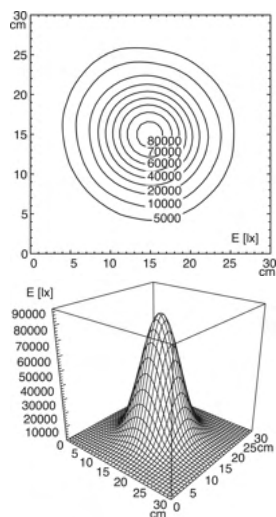
ILLUMINANCE	80 000 lux at 1.0 m
LIGHT FIELD DIAMETER (D10)	18 cm at 1.0 m
COLOR RENDERING INDEX CRI (RA)	95
COLOR TEMPERATURE	4 500 K
ILLUMINATION DEPTH	124 cm
NUMBER OF LEDS	7
OPERATING DEVICE	Electronic converter
POWER CORD	Direct power supply
POWER CONSUMPTION	32 W
RATED INPUT VOLTAGE	100 - 240 V
FREQUENCY RANGE	50 / 60 Hz
LUMINAIRE HOUSING	Polycarbonate (PC), Acrylic butadiene styrene copolymer (ABS)
WEIGHT (NET)	13.5 kg
OPERATION	Rotary knob on luminaire head
DIMMING	Stepless (40-100%)
JOINT MECHANISM	Spring (counterbalance)
PROTECTION CLASS	I
DEGREE OF PROTECTION	IP 20, IP 43 (luminaire head, horizontal position)
STANDARDS	EN 60601-1, EN 60601-2-41
SPECIAL FEATURES	Sterilizable handle, Diamond optics
MOUNTING	Wall mount
ACCESSORIES	Sterilisable surgical handle, Disposable handle cover

SURGICAL LIGHTS

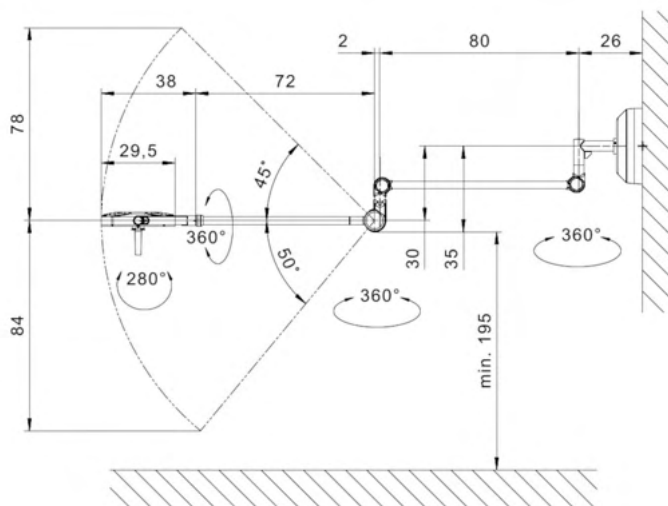


	Order No.
TRIANGO 80-1 W	D16136000-00808986

LIGHT DISTRIBUTION



TECHNICAL DRAWING



TRIANGO 80 F



TECHNICAL DATA

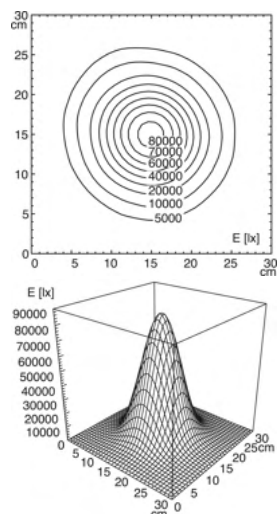
ILLUMINANCE	80 000 lux at 1.0 m
LIGHT FIELD DIAMETER (D10)	18 cm at 1.0 m
COLOR RENDERING INDEX CRI (RA)	95
COLOR TEMPERATURE	4 500 K
ILLUMINATION DEPTH	124 cm
NUMBER OF LEDS	7
OPERATING DEVICE	Electronic converter
POWER CORD	3 m
POWER CONSUMPTION	32 W
RATED INPUT VOLTAGE	100 - 240 V
FREQUENCY RANGE	50 / 60 Hz
LUMINAIRE HOUSING	Polycarbonate (PC), Acrylic butadiene styrene copolymer (ABS)
WEIGHT (NET)	20 kg
OPERATION	Rotary knob on luminaire head
DIMMING	Stepless (40-100%)
JOINT MECHANISM	Spring (counterbalance)
PROTECTION CLASS	I
DEGREE OF PROTECTION	IP 20, IP 43 (luminaire head, horizontal position)
STANDARDS	EN 60601-1, EN 60601-2-41
SPECIAL FEATURES	Sterilizable handle, Diamond optics
MOUNTING	Roller stand
ACCESSORIES	Sterilisable surgical handle, Disposable handle cover

SURGICAL LIGHTS

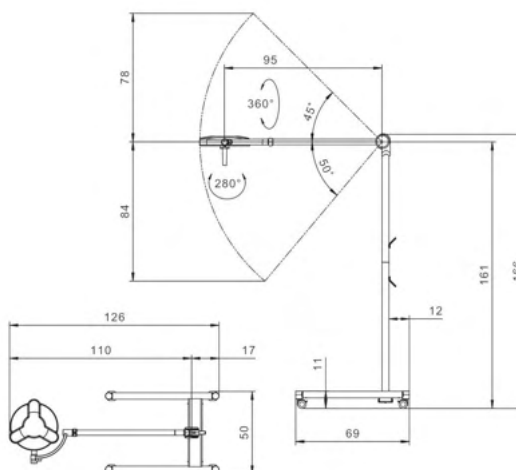


	Order No.
TRIANGO 80-1 F	D16132000-00808982 - Schuko
	D16133000-00808983 - CH
	D16134000-00808984 - UK

LIGHT DISTRIBUTION



TECHNICAL DRAWING



TRIANGO 80 F BATTERY



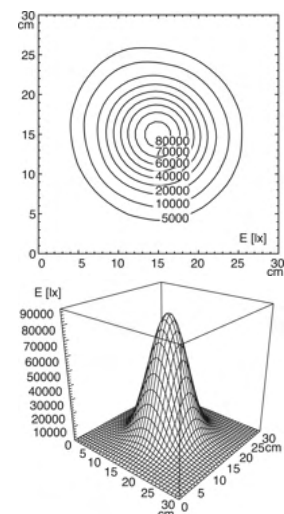
TECHNICAL DATA	
ILLUMINANCE	80 000 lux at 1.0 m
LIGHT FIELD DIAMETER (D10)	18 cm at 1.0 m
COLOR RENDERING INDEX CRI (RA)	95
COLOR TEMPERATURE	4 500 K
ILLUMINATION DEPTH	124 cm
NUMBER OF LEDS	7
OPERATING DEVICE	Electronic converter
POWER CORD	3 m
POWER CONSUMPTION	32 W
RATED INPUT VOLTAGE	100 - 240 V
FREQUENCY RANGE	50 / 60 Hz
LUMINAIRE HOUSING	Polycarbonate (PC), Acrylic butadiene styrene copolymer (ABS)
WEIGHT (NET)	32 kg
OPERATION	Rotary knob on luminaire head
DIMMING	Stepless (40-100%)
JOINT MECHANISM	Spring (counterbalance)
PROTECTION CLASS	I
DEGREE OF PROTECTION	IP 20, IP 43 (luminaire head, horizontal position)
STANDARDS	EN 60601-1, EN 60601-2-41
SPECIAL FEATURES	Sterilizable handle, Diamond optics, BATTERY - UPSmed Pack
MOUNTING	Roller stand
ACCESSORIES	Sterilisable surgical handle, Disposable handle cover
BATTERY TYPE	NP17 - 12I Industrial VRLA battery
BATTERY LIFE	≤ 6.5 h
BATTERY LIFETIME UP TO 70%	1 200 Cycles

SURGICAL LIGHTS

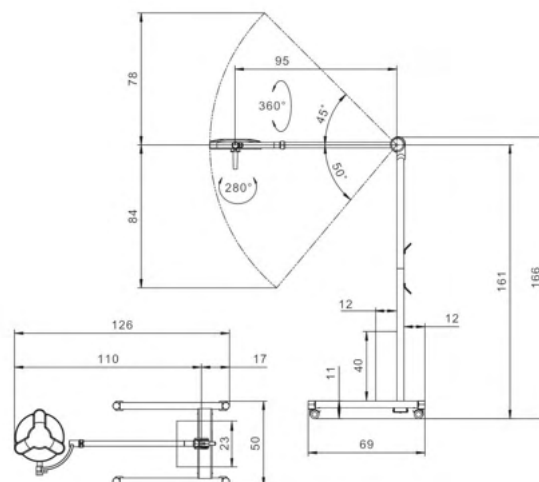


	Order No.
TRIANGO 80-1 F Battery	D16209000-00814486 - Schuko
	D16218000-00814487 - CH
	D16219000-00814488 - UK

LIGHT DISTRIBUTION



TECHNICAL DRAWING



TECHNICAL DATA

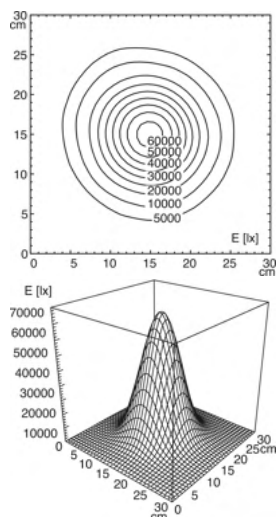
ILLUMINANCE	60 000 lux at 1.0 m
COLOR RENDERING INDEX CRI (RA)	95
ILLUMINATION DEPTH	116 cm
OPERATING DEVICE	Electronic converter
POWER CORD	Direct power supply
POWER CONSUMPTION	< 30 W
RATED INPUT VOLTAGE	100 - 240 V
FREQUENCY RANGE	50 / 60 Hz
LUMINAIRE HOUSING	Polyamide (PA)
WEIGHT (NET)	13 kg
OPERATION	Membrane keypad on gimbal
DIMMING	Stepless (15-100%)
JOINT MECHANISM	Spring (counterbalance)
PROTECTION CLASS	I
DEGREE OF PROTECTION	IP 20, IP 43 (luminaire head, horizontal position)
STANDARDS	EN 60601-1, EN 60601-2-41
SPECIAL FEATURES	Diamond optics
MOUNTING	Ceiling mount, Ceiling tube can be cut on site (length: 25-120 cm)
ACCESSORIES	Sterilisable surgical handle, Disposable handle cover, Intermediate ceiling adapter

SURGICAL LIGHTS

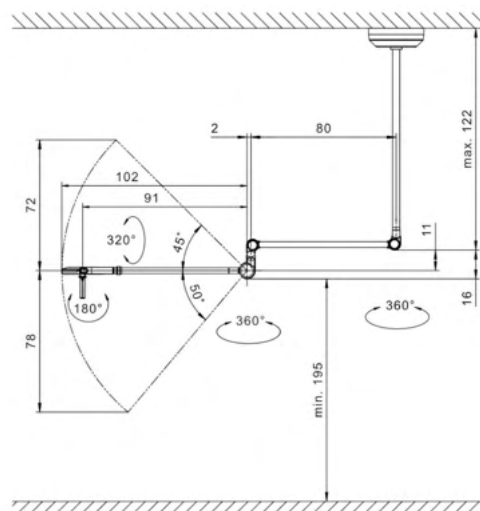


	Light field diameter (D10)	Color temperature	Number of LEDs	Order No.
TRIANGO 60-1 C	18 cm at 1.0 m	4 700 K	6	D16250000-00813741
TRIANGO 60-3 C	18 cm at 1.0 m	3 700 / 4 300 / 4 700 K	6	D16251000-00814310
TRIANGO Fokus 60-1 C	18 / 23 / 25 cm at 1.0 m	4 700 K	30	D16252000-00814311

LIGHT DISTRIBUTION



TECHNICAL DRAWING



TRIANGO 60 W



TECHNICAL DATA

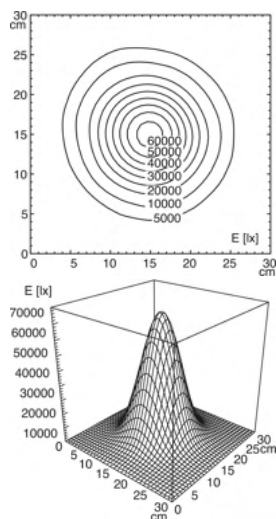
ILLUMINANCE	60 000 lux at 1.0 m
COLOR RENDERING INDEX CRI (RA)	95
ILLUMINATION DEPTH	116 cm
OPERATING DEVICE	Electronic converter
POWER CORD	Direct power supply
POWER CONSUMPTION	< 30 W
RATED INPUT VOLTAGE	100 - 240 V
FREQUENCY RANGE	50 / 60 Hz
LUMINAIRE HOUSING	Polyamide (PA)
WEIGHT (NET)	12.5 kg
OPERATION	Membrane keypad on gimbal
DIMMING	Stepless (15-100%)
JOINT MECHANISM	Spring (counterbalance)
PROTECTION CLASS	I
DEGREE OF PROTECTION	IP 20, IP 43 (luminaire head, horizontal position)
STANDARDS	EN 60601-1, EN 60601-2-41
SPECIAL FEATURES	Diamond optics
MOUNTING	Wall mount
ACCESSORIES	Sterilisable surgical handle, Disposable handle cover

SURGICAL LIGHTS

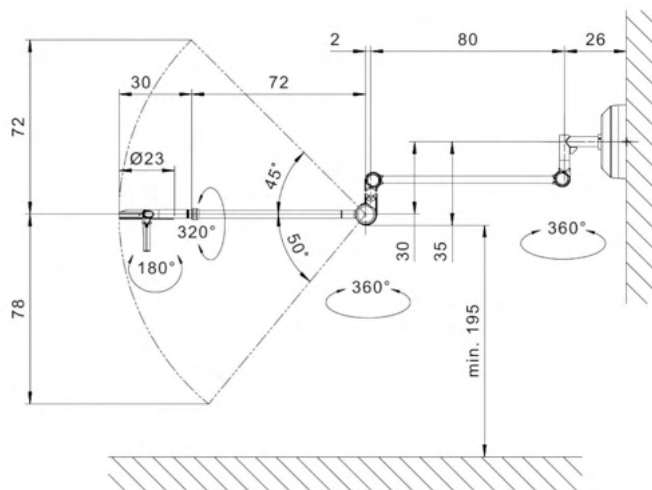


	Light field diameter (D10)	Color temperature	Number of LEDs	Order No.
TRIANGO 60-1 W	18 cm at 1.0 m	4 700 K	6	D16256000-00813742
TRIANGO 60-3 W	18 cm at 1.0 m	3 700 / 4 300 / 4 700 K	6	D16257000-00814315
TRIANGO Fokus 60-1 W	18 / 23 / 25 cm at 1.0 m	4 700 K	30	D16258000-00814316

LIGHT DISTRIBUTION



TECHNICAL DRAWING



TECHNICAL DATA

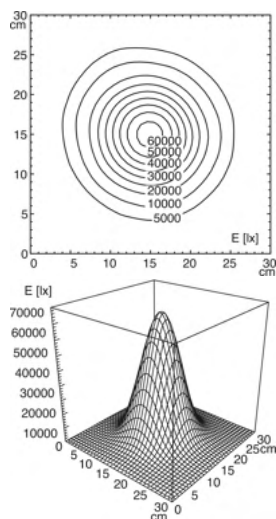
ILLUMINANCE	60 000 lux at 1.0 m
COLOR RENDERING INDEX CRI (RA)	95
ILLUMINATION DEPTH	116 cm
OPERATING DEVICE	Electronic converter
POWER CORD	3 m
POWER CONSUMPTION	< 30 W
RATED INPUT VOLTAGE	100 - 240 V
FREQUENCY RANGE	50 / 60 Hz
LUMINAIRE HOUSING	Polyamide (PA)
WEIGHT (NET)	19 kg
OPERATION	Membrane keypad on gimbal
DIMMING	Stepless (15-100%)
JOINT MECHANISM	Spring (counterbalance)
PROTECTION CLASS	I
DEGREE OF PROTECTION	IP 20, IP 43 (luminaire head, horizontal position)
STANDARDS	EN 60601-1, EN 60601-2-41
SPECIAL FEATURES	Diamond optics
MOUNTING	Roller stand
ACCESSORIES	Sterilisable surgical handle, Disposable handle cover

SURGICAL LIGHTS

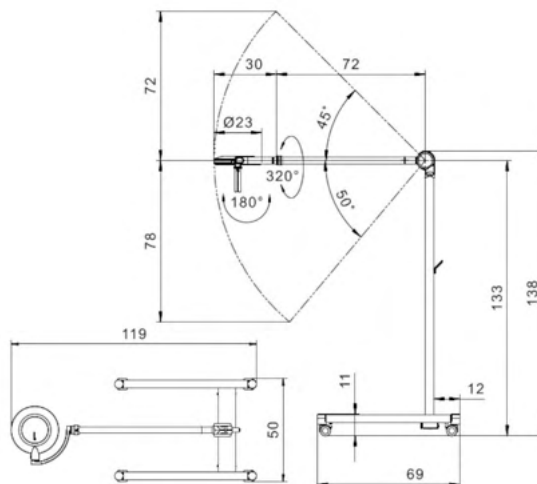


	Light field diameter (D10)	Color temperature	Number of LEDs	Order No.
TRIANGO 60-1 F	18 cm at 1.0 m	4 700 K	6	D16259000-00813743 - Schuko D16262000-00813744 - CH D16271000-00813747 - UK
TRIANGO 60-3 F	18 cm at 1.0 m	3 700 / 4 300 / 4 700 K	6	D16260000-00814317 - Schuko D16263000-00814319 - CH D16272000-00814325 - UK
TRIANGO Fokus 60-1 F	18 / 23 / 25 cm at 1.0 m	4 700 K	30	D16261000-00814318 - Schuko D16264000-00814320 - CH D16273000-00814326 - UK

LIGHT DISTRIBUTION



TECHNICAL DRAWING



TRIANGO 60 F BATTERY



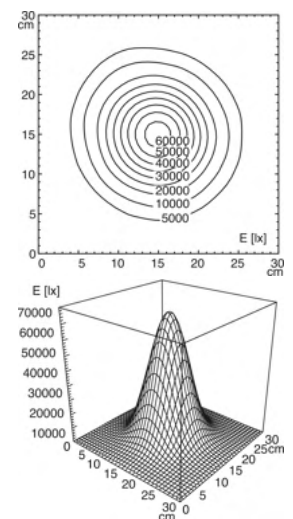
TECHNICAL DATA	
ILLUMINANCE	60 000 lux at 1.0 m
LIGHT FIELD DIAMETER (D10)	18 cm at 1.0 m
COLOR RENDERING INDEX CRI (RA)	95
COLOR TEMPERATURE	4700 K
ILLUMINATION DEPTH	116 cm
NUMBER OF LEDS	6
OPERATING DEVICE	Electronic converter
POWER CORD	3 m
POWER CONSUMPTION	< 30 W
RATED INPUT VOLTAGE	100 - 240 V
FREQUENCY RANGE	50 / 60 Hz
LUMINAIRE HOUSING	Polyamide (PA)
WEIGHT (NET)	31 kg
OPERATION	Membrane keypad on gimbal
DIMMING	Stepless (15-100%)
JOINT MECHANISM	Spring (counterbalance)
PROTECTION CLASS	I
DEGREE OF PROTECTION	IP 20, IP 43 (luminaire head, horizontal position)
STANDARDS	EN 60601-1, EN 60601-2-41
SPECIAL FEATURES	Diamond optics, BATTERY - UPSmed Pack
MOUNTING	Roller stand
ACCESSORIES	Sterilisable surgical handle, Disposable handle cover
BATTERY TYPE	NP17 - 12I Industrial VRLA battery
BATTERY LIFE	≤ 6.5 h
BATTERY LIFETIME UP TO 70%	1 200 Cycles

SURGICAL LIGHTS

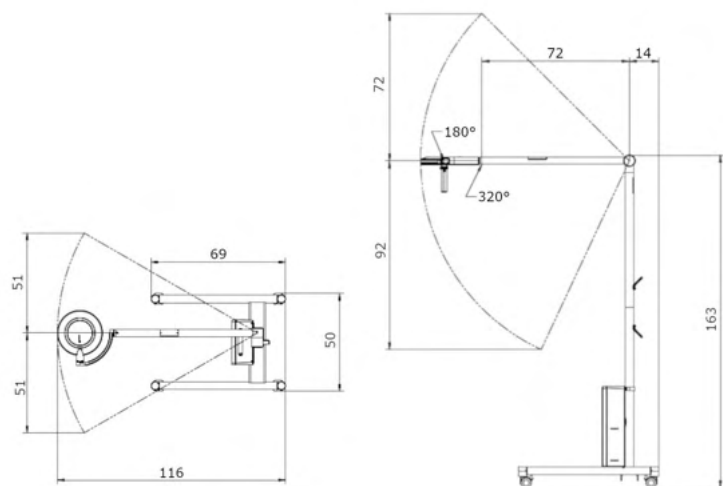


	Order No.
TRIANGO 60-1 F Battery	D16278000-00814481 - Schuko
	D16279000-00814482 - CH
	D16282000-00814485 - UK

LIGHT DISTRIBUTION



TECHNICAL DRAWING



VISIANO 20 PRO C T1

NEW



TECHNICAL DATA

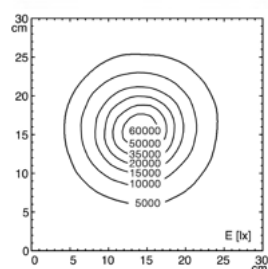
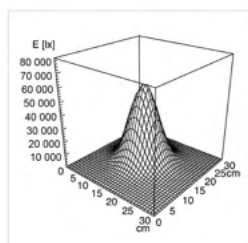
ILLUMINANCE	80 000 lux at 0.5 m
LIGHT FIELD DIAMETER (D10)	21 cm at 0.5 m
COLOR RENDERING INDEX CRI (RA)	95
COLOR TEMPERATURE	3 500 / 4 500 K
NUMBER OF LEDS	16
OPERATING DEVICE	Electronic converter
POWER CORD	Direct power supply
POWER CONSUMPTION	21 W
RATED INPUT VOLTAGE	100 - 240 V
FREQUENCY RANGE	50 / 60 Hz
LUMINAIRE HOUSING	Polycarbonate (PC), Acrylic butadiene styrene copolymer (ABS)
WEIGHT (NET)	9 kg
OPERATION	Membrane keypad on luminaire head
DIMMING	4 dimming levels
JOINT MECHANISM	Spring (counterbalance)
PROTECTION CLASS	I
DEGREE OF PROTECTION	IP 20
STANDARDS	EN 60601-1, EN 60601-2-41
SPECIAL FEATURES	Rotary union (360° turnover axis)
MOUNTING	Ceiling mount, Ceiling tube can be cut on site (length: 40-116 cm)
ACCESSORIES	Intermediate ceiling adapter

EXAMINATION LIGHTS

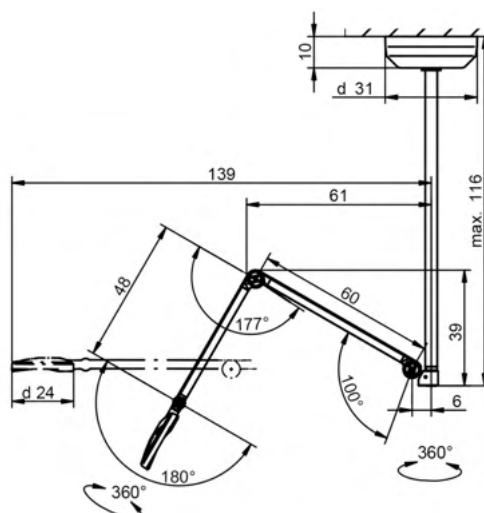


	Order No.
VISIANO 20-2 Pro C T1	D16377000-00817850

LIGHT DISTRIBUTION



TECHNICAL DRAWING



VISIANO 20 PRO P TX

NEW



TECHNICAL DATA

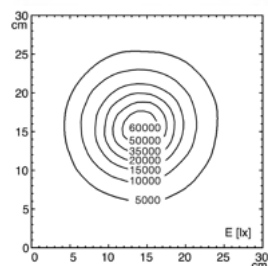
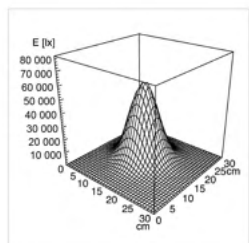
ILLUMINANCE	80 000 lux at 0.5 m
LIGHT FIELD DIAMETER (D10)	21 cm at 0.5 m
COLOR RENDERING INDEX CRI (RA)	95
COLOR TEMPERATURE	3 500 / 4 500 K
NUMBER OF LEDS	16
OPERATING DEVICE	Electronic converter
POWER CORD	1.8 m
POWER CONSUMPTION	21 W
RATED INPUT VOLTAGE	100 - 240 V
FREQUENCY RANGE	50 / 60 Hz
LUMINAIRE HOUSING	Polycarbonate (PC), Acrylic butadiene styrene copolymer (ABS)
WEIGHT (NET)	2 kg
OPERATION	Membrane keypad on luminaire head
DIMMING	4 dimming levels
JOINT MECHANISM	Spring (counterbalance)
PROTECTION CLASS	II
DEGREE OF PROTECTION	IP 20
STANDARDS	EN 60601-1, EN 60601-2-41
SPECIAL FEATURES	Rotary union (360° turnover axis)
MOUNTING	Pin fastening (Ø 16 mm)
ACCESSORIES	Roller stand, Rail mount, Table clamp, Universal mounting, Wall bracket

EXAMINATION LIGHTS

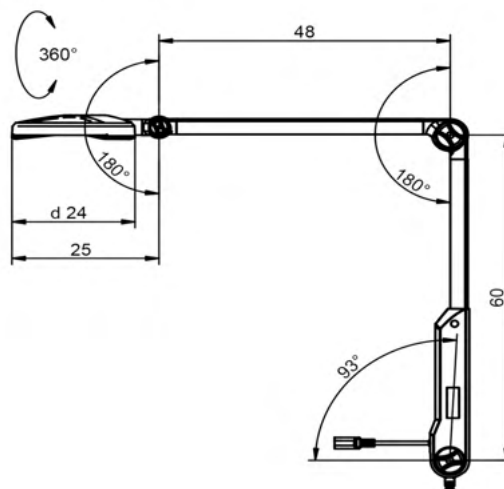


	Order No.
VISIANO 20-2 Pro P TX	D16378000-00817851 - EU D16379000-00817852 - UK

LIGHT DISTRIBUTION



TECHNICAL DRAWING



TECHNICAL DATA

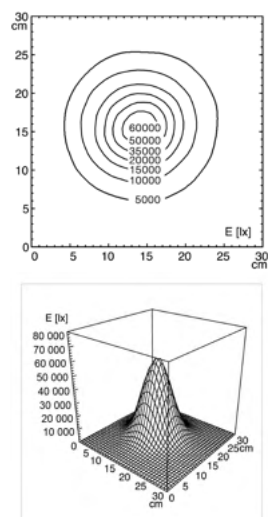
ILLUMINANCE	60 000 lux at 0.5 m
LIGHT FIELD DIAMETER (D10)	21 cm at 0.5 m
COLOR RENDERING INDEX CRI (RA)	95
COLOR TEMPERATURE	3 500 / 4 500 K
NUMBER OF LEDS	16
OPERATING DEVICE	Electronic converter
POWER CORD	Direct power supply
POWER CONSUMPTION	17 W
RATED INPUT VOLTAGE	100 - 240 V
FREQUENCY RANGE	50 / 60 Hz
LUMINAIRE HOUSING	Polycarbonate (PC), Acrylic butadiene styrene copolymer (ABS)
WEIGHT (NET)	9 kg
OPERATION	Membrane keypad on luminaire head
DIMMING	4 dimming levels
JOINT MECHANISM	Spring (counterbalance)
PROTECTION CLASS	I
DEGREE OF PROTECTION	IP 20
STANDARDS	EN 60601-1, EN 60601-2-41
SPECIAL FEATURES	Rotary union (360° turnover axis)
MOUNTING	Ceiling mount, Ceiling tube can be cut on site (length: 40-116 cm)
ACCESSORIES	Intermediate ceiling adapter

EXAMINATION LIGHTS

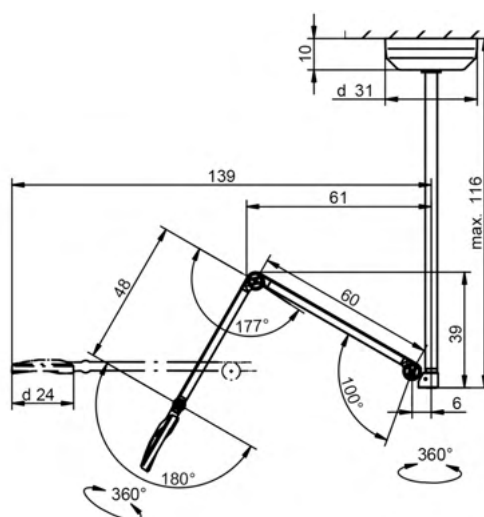


	Order No.
VISIANO 20-2 C T1	D15450000-00633104

LIGHT DISTRIBUTION



TECHNICAL DRAWING



TECHNICAL DATA

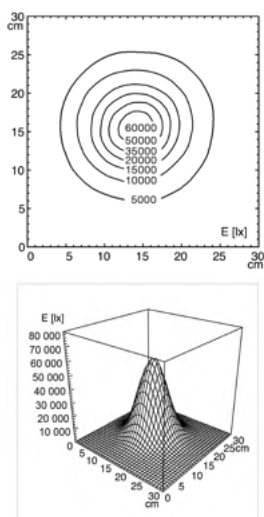
ILLUMINANCE	60 000 lux at 0.5 m
LIGHT FIELD DIAMETER (D10)	21 cm at 0.5 m
COLOR RENDERING INDEX CRI (RA)	95
COLOR TEMPERATURE	3 500 / 4 500 K
NUMBER OF LEDS	16
OPERATING DEVICE	Electronic converter
POWER CORD	1.8 m
POWER CONSUMPTION	17 W
RATED INPUT VOLTAGE	100 - 240 V
FREQUENCY RANGE	50 / 60 Hz
LUMINAIRE HOUSING	Polycarbonate (PC), Acrylic butadiene styrene copolymer (ABS)
WEIGHT (NET)	2 kg
OPERATION	Membrane keypad on luminaire head
DIMMING	4 dimming levels
JOINT MECHANISM	Spring (counterbalance)
PROTECTION CLASS	II
DEGREE OF PROTECTION	IP 20
STANDARDS	EN 60601-1, EN 60601-2-41
SPECIAL FEATURES	Rotary union (360° turnover axis)
MOUNTING	Pin fastening (Ø 16 mm)
ACCESSORIES	Roller stand, Rail mount, Table clamp, Universal mounting, Wall bracket

EXAMINATION LIGHTS

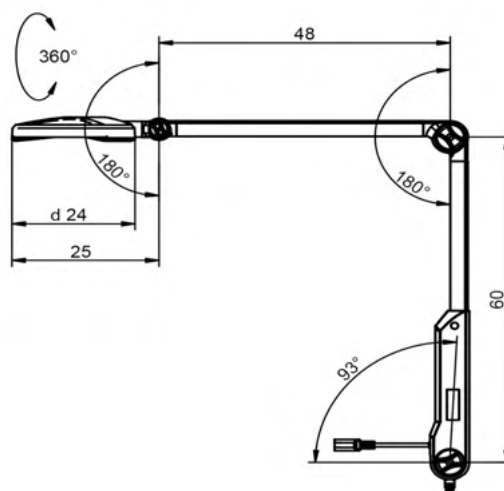


	Order No.
VISIANO 20-2 P TX	D15451000-00633107 - EU D15456000-00678230 - UK

LIGHT DISTRIBUTION



TECHNICAL DRAWING



VISIANO 10 P S10



TECHNICAL DATA

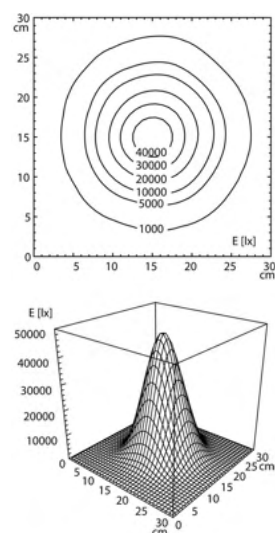
ILLUMINANCE	50 000 lux at 0.5 m
LIGHT FIELD DIAMETER (D10)	18 cm at 0.5 m
COLOR RENDERING INDEX CRI (RA)	96
COLOR TEMPERATURE	4 400 K
NUMBER OF LEDS	7
OPERATING DEVICE	Electronic converter
POWER CORD	1.8 m
POWER CONSUMPTION	13 W
RATED INPUT VOLTAGE	100 - 240 V
FREQUENCY RANGE	50 / 60 Hz
LUMINAIRE HOUSING	Polybutylene terephthalate (PBT), Polycarbonate (PC)
WEIGHT (NET)	1.1 kg
OPERATION	Rocker switch (I/O) on arm
JOINT MECHANISM	Friction
PROTECTION CLASS	II
DEGREE OF PROTECTION	IP 20
STANDARDS	EN 60601-1, EN 60601-2-41
SPECIAL FEATURES	Handle
MOUNTING	Pin fastening (Ø 16 mm)
ACCESSORIES	Roller stand, Rail mount, Table clamp, Universal mounting, Wall bracket, Extension arm

EXAMINATION LIGHTS

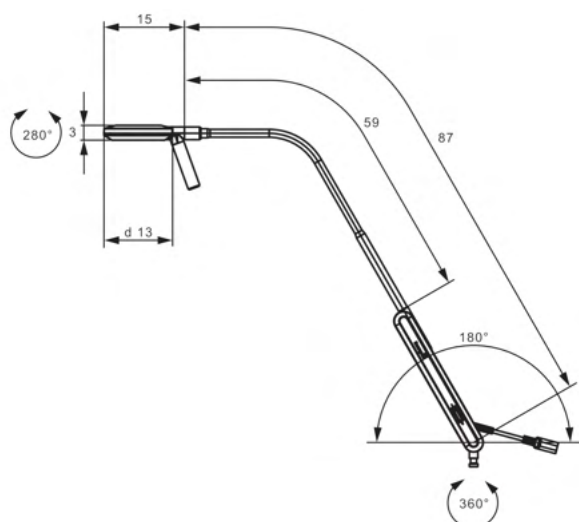


	Order No.
VISIANO 10-1 P S10	D15732000-00689628 - EU D15756000-00712490 - UK

LIGHT DISTRIBUTION



TECHNICAL DRAWING



HALUX N50 P FX



TECHNICAL DATA

ILLUMINANCE	50 000 lux at 0.5 m
LIGHT FIELD DIAMETER (D10)	19 cm at 0.5 m
COLOR RENDERING INDEX CRI (RA)	96
NUMBER OF LEDS	7
OPERATING DEVICE	Electronic converter
POWER CORD	1.8 m
RATED INPUT VOLTAGE	100 - 240 V
FREQUENCY RANGE	50 / 60 Hz
LUMINAIRE HOUSING	Polycarbonate (PC), Acrylic butadiene styrene copolymer (ABS)
WEIGHT (NET)	1.3 kg
JOINT MECHANISM	Spring (counterbalance)
PROTECTION CLASS	II
DEGREE OF PROTECTION	IP 20
STANDARDS	EN 60601-1, EN 60601-2-41
SPECIAL FEATURES	High-quality arm system, Spring arm, Excellent colour rendition properties
MOUNTING	Pin fastening (Ø 16 mm)
ACCESSORIES	Roller stand, Rail mount, Table clamp, Universal mounting, Wall bracket, Extension arm

EXAMINATION LIGHTS



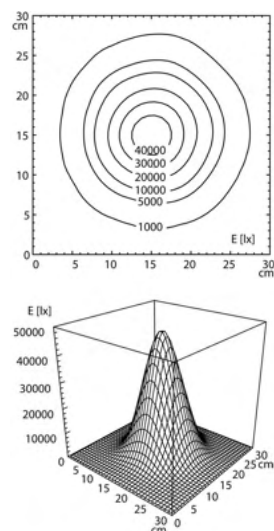
HALUX N50-1 P FX



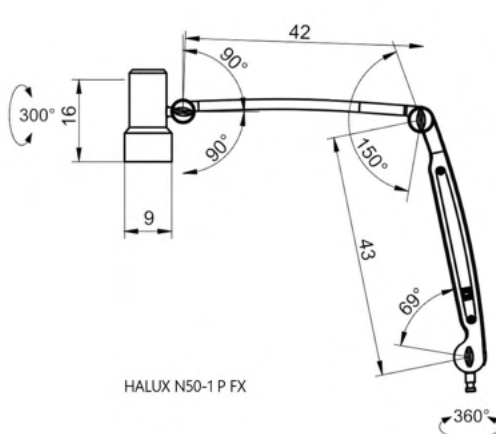
HALUX N50-3 P FX

	Color temperature	Power consumption	Operation	Dimming	Order No.
HALUX N50-1 P FX	4 400 K	13 W	Rocker switch (I/O) on arm	Without dimming	D16012000-00806681 - EU D16037000-00806685 - UK
HALUX N50-3 P FX	3 300 / 3 800 / 4 400 K	18 W	Membrane keypad on luminaire head	5 dimming levels	D16013000-00806682 - EU D16038000-00806686 - UK

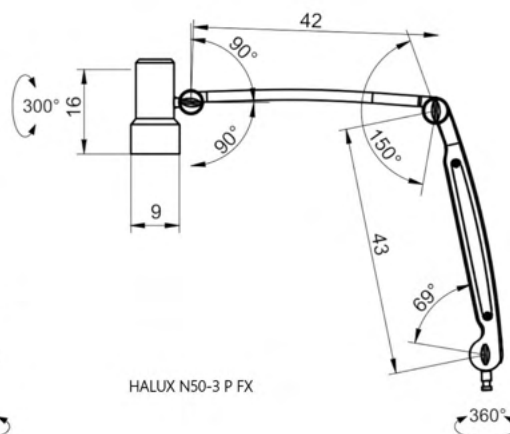
LIGHT DISTRIBUTION



TECHNICAL DRAWING



HALUX N50-1 P FX



HALUX N50-3 P FX

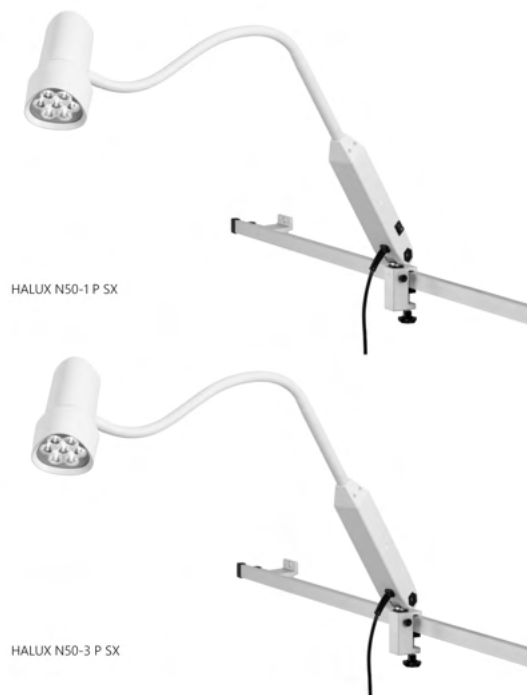
HALUX N50 P SX



TECHNICAL DATA

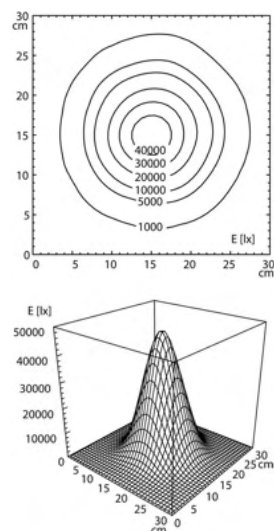
ILLUMINANCE	50 000 lux at 0.5 m
LIGHT FIELD DIAMETER (D10)	19 cm at 0.5 m
COLOR RENDERING INDEX CRI (RA)	96
NUMBER OF LEDS	7
OPERATING DEVICE	Electronic converter
POWER CORD	1.8 m
RATED INPUT VOLTAGE	100 - 240 V
FREQUENCY RANGE	50 / 60 Hz
LUMINAIRE HOUSING	Polycarbonate (PC), Acrylic butadiene styrene copolymer (ABS)
WEIGHT (NET)	1.3 kg
JOINT MECHANISM	Friction
PROTECTION CLASS	II
DEGREE OF PROTECTION	IP 20
STANDARDS	EN 60601-1, EN 60601-2-41
SPECIAL FEATURES	Excellent colour rendition properties
MOUNTING	Pin fastening (Ø 16 mm)
ACCESSORIES	Roller stand, Rail mount, Table clamp, Universal mounting, Wall bracket, Extension arm

EXAMINATION LIGHTS

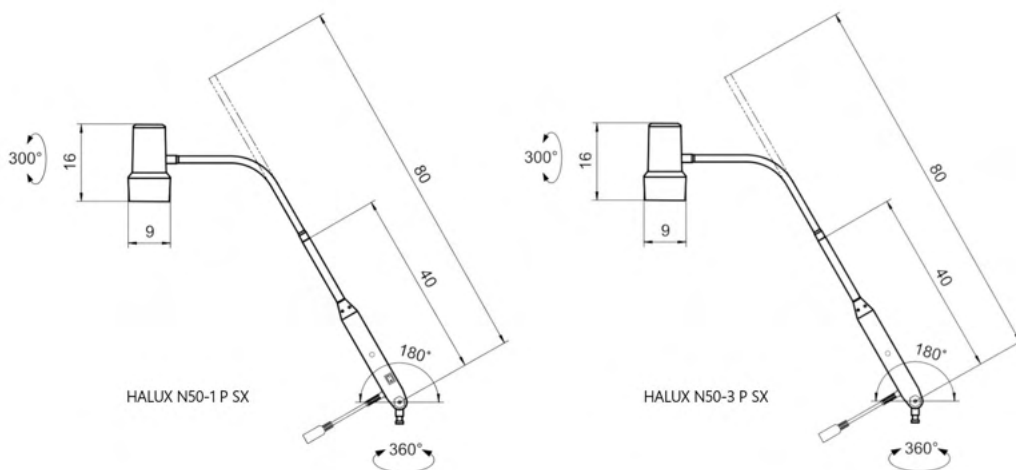


	Color temperature	Power consumption	Operation	Dimming	Order No.
HALUX N50-1 P SX	4 400 K	13 W	Rocker switch (I/O) on arm	Without dimming	D16010000-00806679 - EU D16035000-00806683 - UK
HALUX N50-3 P SX	3 300 / 3 800 / 4 400 K	18 W	Membrane keypad on luminaire head	5 dimming levels	D16011000-00806680 - EU D16036000-00806684 - UK

LIGHT DISTRIBUTION



TECHNICAL DRAWING



HALUX N30 P F1



TECHNICAL DATA

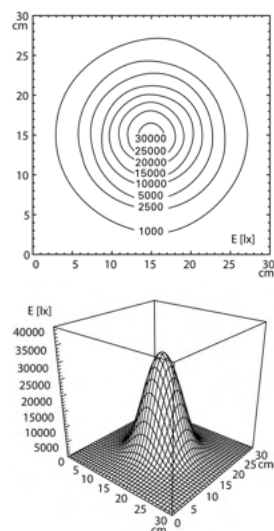
ILLUMINANCE	30 000 lux at 0.5 m
LIGHT FIELD DIAMETER (D10)	18 cm at 0.5 m
COLOR RENDERING INDEX CRI (RA)	93
COLOR TEMPERATURE	4 400 K
NUMBER OF LEDS	3
OPERATING DEVICE	Plug-in power supply
POWER CORD	1.7 m
POWER PLUG	EU, UK, US, AUS
POWER CONSUMPTION	8 W
RATED INPUT VOLTAGE	100 - 240 V
FREQUENCY RANGE	50 / 60 Hz
LUMINAIRE HOUSING	Polycarbonate (PC), Acrylic butadiene styrene copolymer (ABS)
WEIGHT (NET)	1.1 kg
OPERATION	Membrane keypad on luminaire head
DIMMING	Stepless
JOINT MECHANISM	Spring (counterbalance)
PROTECTION CLASS	II
DEGREE OF PROTECTION	IP 20
STANDARDS	EN 60601-1, EN 60601-2-41
SPECIAL FEATURES	Spring arm
MOUNTING	Pin fastening (Ø 16 mm)
ACCESSORIES	Roller stand, Rail mount, Table clamp, Universal mounting, Wall bracket, Extension arm

EXAMINATION LIGHTS

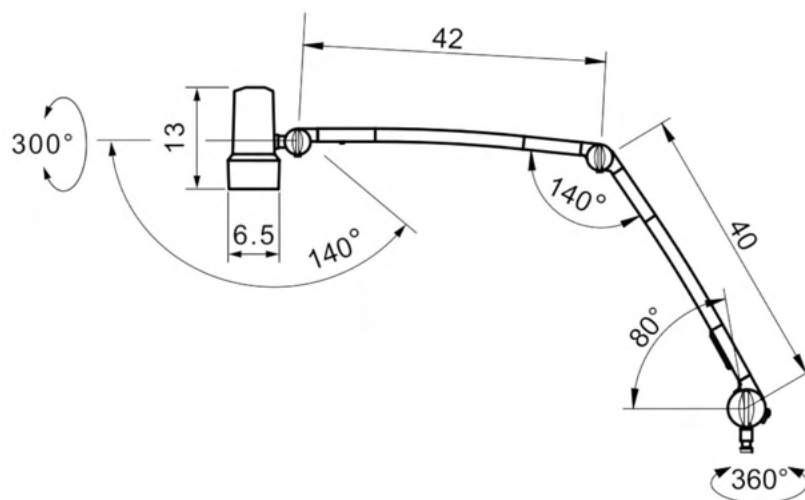


	Order No.
HALUX N30-1 P F1	D15994000-00806677 - EU, UK, US, AUS

LIGHT DISTRIBUTION



TECHNICAL DRAWING



HALUX N30 P SGV GYN



TECHNICAL DATA

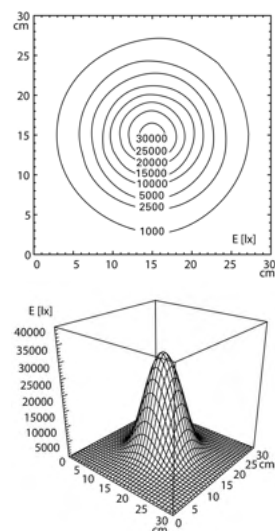
ILLUMINANCE	30 000 lux at 0.5 m
LIGHT FIELD DIAMETER (D10)	18 cm at 0.5 m
COLOR RENDERING INDEX CRI (RA)	93
COLOR TEMPERATURE	4 400 K
NUMBER OF LEDS	3
OPERATING DEVICE	Plug-in power supply
POWER PLUG	EU, UK, US, AUS
POWER CONSUMPTION	8 W
RATED INPUT VOLTAGE	100 - 240 V
FREQUENCY RANGE	50 / 60 Hz
LUMINAIRE HOUSING	Polycarbonate (PC), Acrylic butadiene styrene copolymer (ABS)
WEIGHT (NET)	1.3 kg
OPERATION	Membrane keypad on luminaire head
DIMMING	Stepless
JOINT MECHANISM	Friction
PROTECTION CLASS	II
DEGREE OF PROTECTION	IP 20
STANDARDS	EN 60601-1, EN 60601-2-41
SPECIAL FEATURES	Foot joint, Rail mounting with removal lock and brake function
MOUNTING	Pin fastening (Ø 16 mm)

EXAMINATION LIGHTS

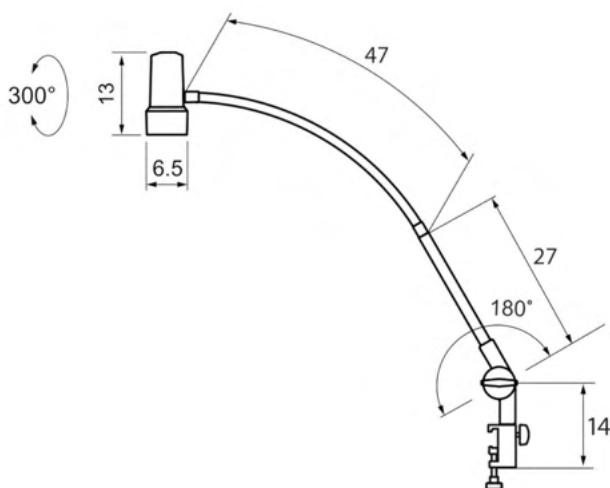


	Order No.
HALUX N30-1 P SGV Gyn	D16156000-00809567 - EU, UK, US, AUS

LIGHT DISTRIBUTION



TECHNICAL DRAWING



HALUX N30 P SG



TECHNICAL DATA

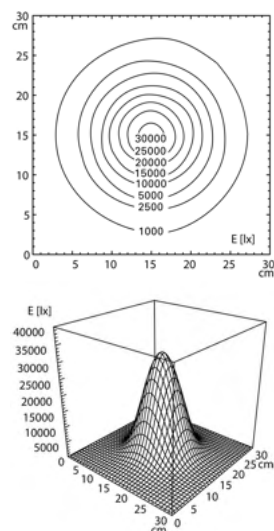
ILLUMINANCE	30 000 lux at 0.5 m
LIGHT FIELD DIAMETER (D10)	18 cm at 0.5 m
COLOR RENDERING INDEX CRI (RA)	93
COLOR TEMPERATURE	4 400 K
NUMBER OF LEDS	3
OPERATING DEVICE	Plug-in power supply
POWER CORD	1.7 m
POWER PLUG	EU, UK, US, AUS
POWER CONSUMPTION	8 W
RATED INPUT VOLTAGE	100 - 240 V
FREQUENCY RANGE	50 / 60 Hz
LUMINAIRE HOUSING	Polycarbonate (PC), Acrylic butadiene styrene copolymer (ABS)
WEIGHT (NET)	1.6 kg
OPERATION	Membrane keypad on luminaire head
DIMMING	Stepless
JOINT MECHANISM	Friction
PROTECTION CLASS	II
DEGREE OF PROTECTION	IP 20
STANDARDS	EN 60601-1, EN 60601-2-41
SPECIAL FEATURES	Foot joint
MOUNTING	Pin fastening (Ø 16 mm)
ACCESSORIES	Roller stand, Rail mount, Table clamp, Universal mounting, Wall bracket, Extension arm

EXAMINATION LIGHTS

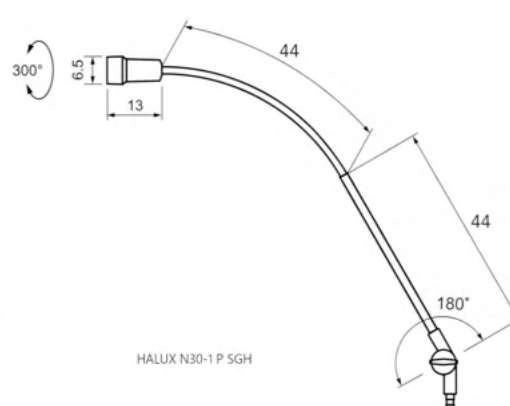
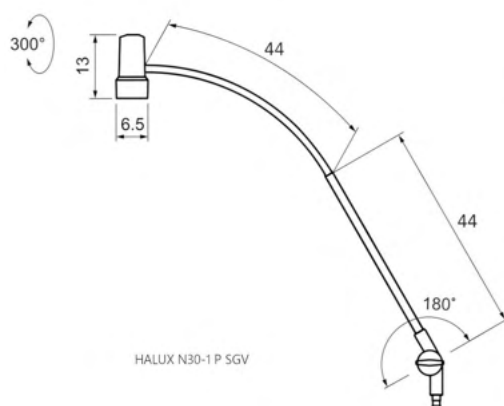


	Luminaire head connection	Order No.
HALUX N30-1 P SGV	vertical	D15992000-00806675 - EU, UK, US, AUS
HALUX N30-1 P SGH	horizontal	D15993000-00806676 - EU, UK, US, AUS

LIGHT DISTRIBUTION



TECHNICAL DRAWING



HALUX N30 P S



TECHNICAL DATA

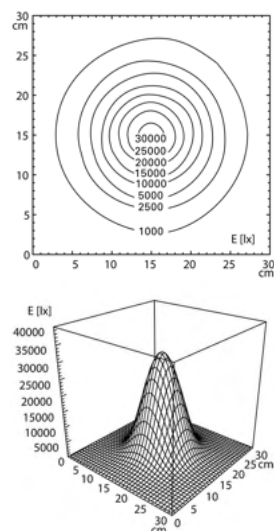
ILLUMINANCE	30 000 lux at 0.5 m
LIGHT FIELD DIAMETER (D10)	18 cm at 0.5 m
COLOR RENDERING INDEX CRI (RA)	93
COLOR TEMPERATURE	4 400 K
NUMBER OF LEDS	3
OPERATING DEVICE	Plug-in power supply
POWER CORD	1.7 m
POWER PLUG	EU, UK, US, AUS
POWER CONSUMPTION	8 W
RATED INPUT VOLTAGE	100 - 240 V
FREQUENCY RANGE	50 / 60 Hz
LUMINAIRE HOUSING	Polycarbonate (PC), Acrylic butadiene styrene copolymer (ABS)
WEIGHT (NET)	1.3 kg
OPERATION	Membrane keypad on luminaire head
DIMMING	Stepless
JOINT MECHANISM	Friction
PROTECTION CLASS	II
DEGREE OF PROTECTION	IP 20
STANDARDS	EN 60601-1, EN 60601-2-41
MOUNTING	Pin fastening (Ø 16 mm)
ACCESSORIES	Roller stand, Rail mount, Table clamp, Universal mounting, Wall bracket, Extension arm

EXAMINATION LIGHTS

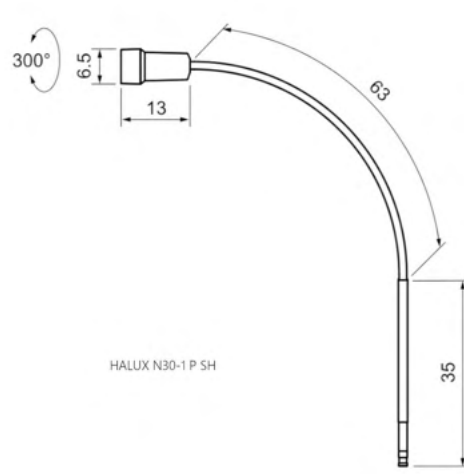
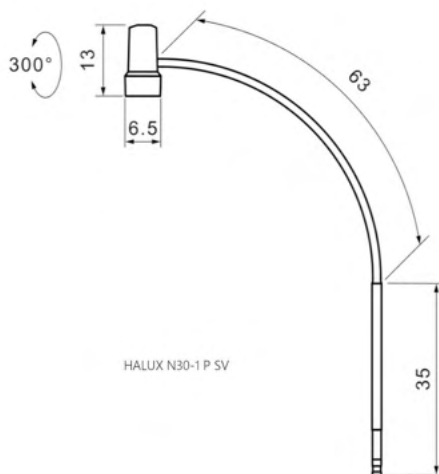


	Luminaire head connection	Order No.
HALUX N30-1 P SV	vertical	D15990000-00806673 - EU, UK, US, AUS
HALUX N30-1 P SH	horizontal	D15991000-00806674 - EU, UK, US, AUS

LIGHT DISTRIBUTION



TECHNICAL DRAWING



HALUX N30 F



TECHNICAL DATA

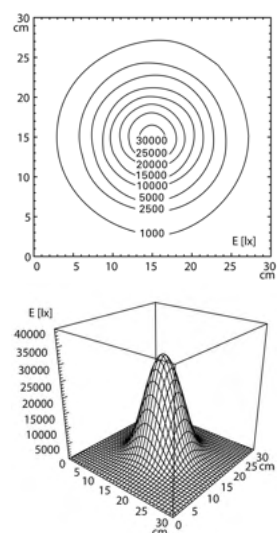
ILLUMINANCE	30 000 lux at 0.5 m
LIGHT FIELD DIAMETER (D10)	18 cm at 0.5 m
COLOR RENDERING INDEX CRI (RA)	93
COLOR TEMPERATURE	4 400 K
NUMBER OF LEDS	3
OPERATING DEVICE	Plug-in power supply
POWER CORD	2 m
POWER PLUG	EU, UK, US, AUS
POWER CONSUMPTION	8 W
RATED INPUT VOLTAGE	100 - 240 V
FREQUENCY RANGE	50 / 60 Hz
LUMINAIRE HOUSING	Polycarbonate (PC), Acrylic butadiene styrene copolymer (ABS)
WEIGHT (NET)	4.4 kg
OPERATION	Membrane keypad on luminaire head
DIMMING	Stepless
PROTECTION CLASS	II
DEGREE OF PROTECTION	IP 20
STANDARDS	EN 60601-1, EN 60601-2-41
MOUNTING	Roller stand

EXAMINATION LIGHTS

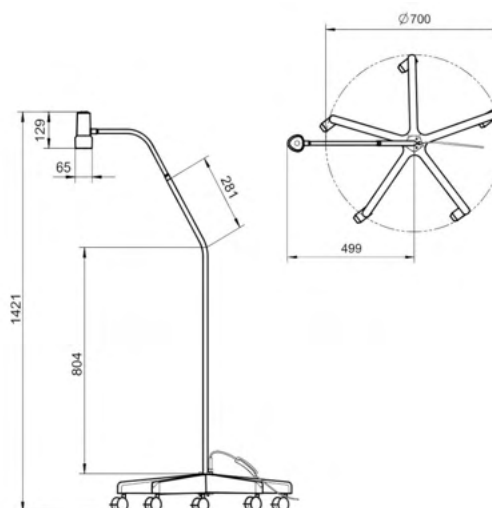


	Order No.
HALUX N30-1 F	D16064000-00808869 - EU, UK, US, AUS

LIGHT DISTRIBUTION



TECHNICAL DRAWING



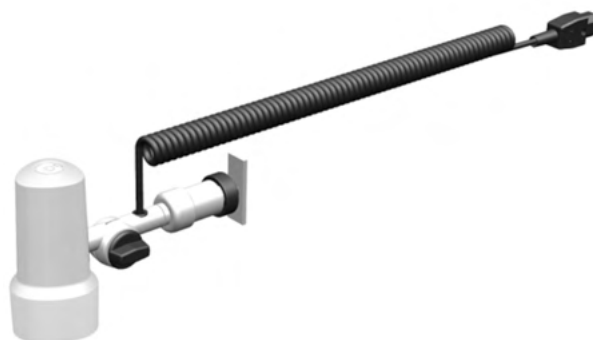
HALUX N30 AMBULANCE



TECHNICAL DATA

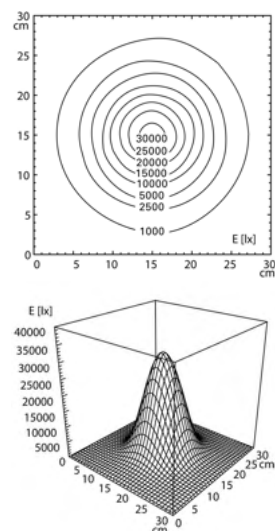
ILLUMINANCE	30 000 lux at 0.5 m
LIGHT FIELD DIAMETER (D10)	18 cm at 0.5 m
COLOR RENDERING INDEX CRI (RA)	93
COLOR TEMPERATURE	4 400 K
NUMBER OF LEDS	3
OPERATING DEVICE	Without
POWER CORD	1.2 m
POWER CONSUMPTION	8 W
RATED INPUT VOLTAGE	12 - 24 VDC
LUMINAIRE HOUSING	Polycarbonate (PC), Acrylic butadiene styrene copolymer (ABS)
WEIGHT (NET)	0.8 kg
OPERATION	Membrane keypad on luminaire head
DIMMING	Stepless
PROTECTION CLASS	II
DEGREE OF PROTECTION	IP 20
STANDARDS	EN 60601-1, EN 60601-2-41
MOUNTING	Adapter for C-rail

EXAMINATION LIGHTS

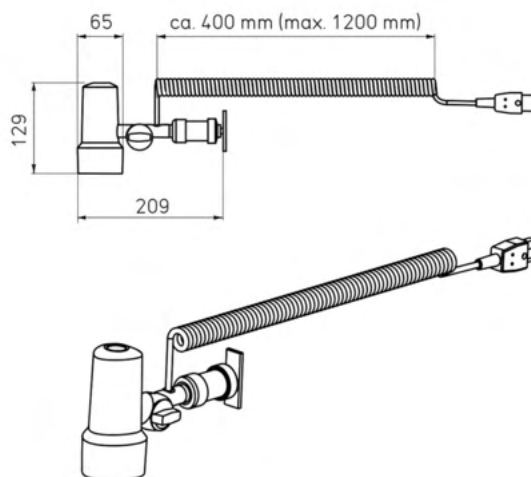


	Order No.
HALUX N30-1 Ambulance	D16143000-00809959

LIGHT DISTRIBUTION



TECHNICAL DRAWING



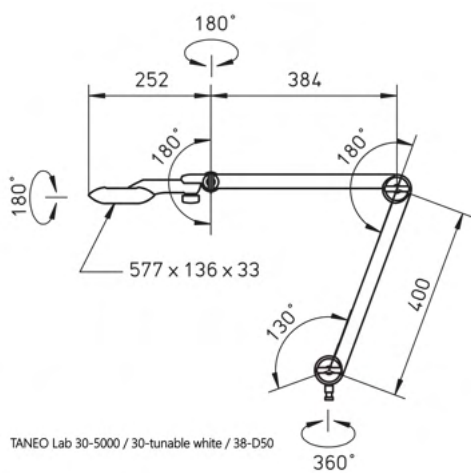
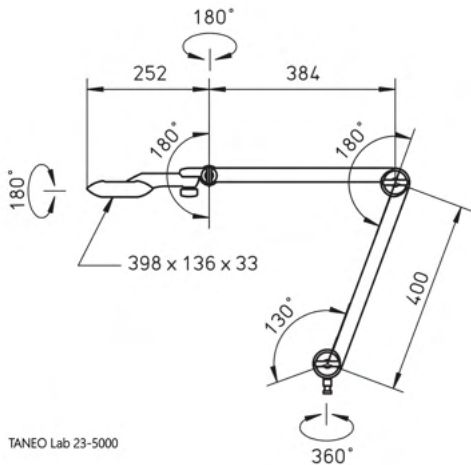
TECHNICAL DATA	
OPERATING DEVICE	Electronic converter
POWER CORD	3,7 m
POWER PLUG	CEE 7/XVI
RATED INPUT VOLTAGE	100 - 240 V
FREQUENCY RANGE	50 / 60 Hz
LUMINAIRE HOUSING	Aluminium profile
OPERATION	Multifunction button
JOINT MECHANISM	Spring (counterbalance)
PROTECTION CLASS	II
DEGREE OF PROTECTION	IP 20
SPECIAL FEATURES	Excellent colour rendition properties
MOUNTING	Pin fastening (Ø 16 mm) incl. screw-on flange (base)
ACCESSORIES	Table clamp, Universal mounting, Wall bracket, Extension arm, Clip-on magnifier

LABORATORY LAMPS



	Color Rendering Index CRI (Ra)	Color temperature	Luminous flux	Power consumption	Luminaire head width	Weight (Net)	Order No.
TANEO Lab 23-5000	90	5 000 K	1 400 lm	23 W	398 mm	1.9 kg	00813786 - CEE 7/XVI
TANEO Lab 30-5000	90	5 000 K	2 000 lm	30 W	577 mm	2.3 kg	00813785 - CEE 7/XVI
TANEO Lab 30-tuneable white	90	3 000 - 6 500 K	2 000 lm	31 W	577 mm	2.3 kg	00813787 - CEE 7/XVI
TANEO Lab 38-D50	95	5 000 K	1 800 lm	38 W	577 mm	2.3 kg	00813788 - CEE 7/XVI

TECHNICAL DRAWING



OPTICLUX 10 C T1



TECHNICAL DATA

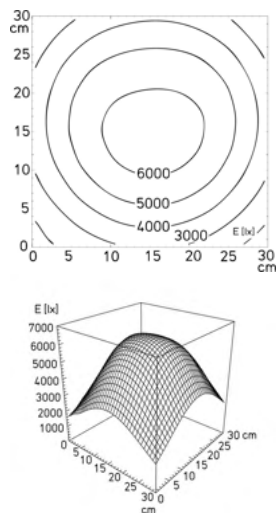
ILLUMINANCE	6 000 lux at 0.15 m
COLOR RENDERING INDEX CRI (RA)	95
COLOR RENDERING INDEX R9	91
COLOR RENDERING INDEX R13	98
COLOR TEMPERATURE	6 500 K
LENS DIAMETER	160 mm
LENS DIOPTR	3.5 dpt (approx. 1.9x magnification)
LENS MATERIAL	Polymethyl methacrylate (PMMA)
OPERATING DEVICE	Electronic converter
POWER CORD	Direct power supply
POWER CONSUMPTION	12 W
RATED INPUT VOLTAGE	100 - 240 V
FREQUENCY RANGE	50 / 60 Hz
LUMINAIRE HOUSING	Polyamide (PA)
WEIGHT (NET)	9.1 kg
OPERATION	Membrane keypad on luminaire head
DIMMING	Stepless
JOINT MECHANISM	Spring (counterbalance)
PROTECTION CLASS	I
DEGREE OF PROTECTION	IP 20
STANDARDS	EN 60601-1
MOUNTING	Ceiling mount, Ceiling tube can be cut on site (length: 40-116 cm)
ACCESSORIES	Intermediate ceiling adapter

MAGNIFYING LAMPS

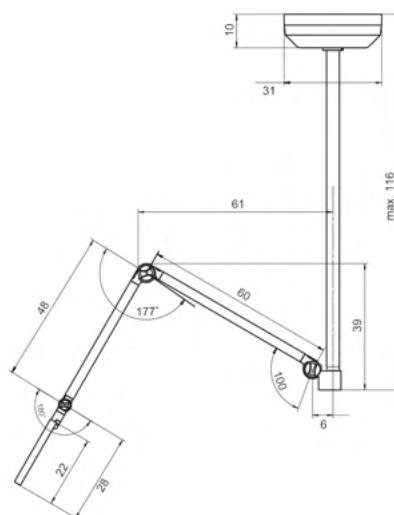


	Special features	Order No.
OPTICLUX 10-1 C T1	Rotary union (360° turnover axis), Scratch-resistant plastic lens	D15817000-00752639
OPTICLUX 10-2 C T1 (Wood-light)	Rotary union (360° turnover axis), Scratch-resistant plastic lens, Switchable to Wood light (365 nm)	D15816000-00752633

LIGHT DISTRIBUTION



TECHNICAL DRAWING



OPTICLUX 10 P TX



TECHNICAL DATA

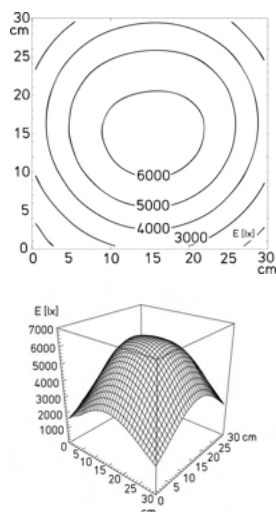
ILLUMINANCE	6 000 lux at 0.15 m
COLOR RENDERING INDEX CRI (RA)	95
COLOR RENDERING INDEX R9	91
COLOR RENDERING INDEX R13	98
COLOR TEMPERATURE	6 500 K
LENS DIAMETER	160 mm
LENS DIOPTR	3.5 dpt (approx. 1.9x magnification)
LENS MATERIAL	Polymethyl methacrylate (PMMA)
NUMBER OF LEDS	90
OPERATING DEVICE	Electronic converter
POWER CORD	1.8 m
POWER CONSUMPTION	12 W
RATED INPUT VOLTAGE	100 - 240 V
FREQUENCY RANGE	50 / 60 Hz
LUMINAIRE HOUSING	Polyamide (PA)
WEIGHT (NET)	2 kg
OPERATION	Membrane keypad on luminaire head
DIMMING	Stepless
JOINT MECHANISM	Spring (counterbalance)
PROTECTION CLASS	II
DEGREE OF PROTECTION	IP 20
STANDARDS	EN 60601-1
MOUNTING	Pin fastening (Ø 16 mm)
ACCESSORIES	Roller stand, Rail mount, Table clamp, Universal mounting, Wall bracket

MAGNIFYING LAMPS

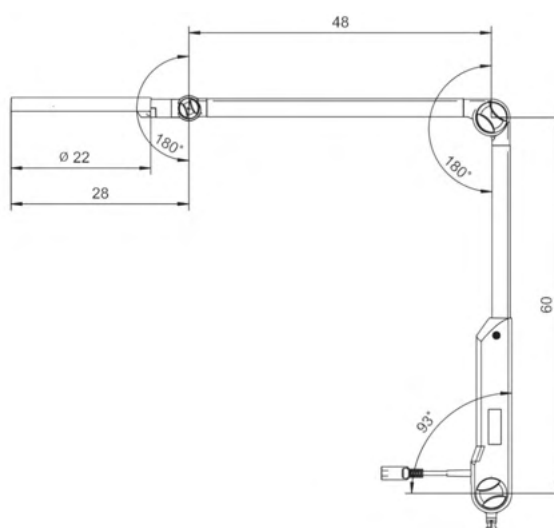


	Special features	Order No.
OPTICLUX 10-1 P TX	Rotary union (360° turnover axis), Scratch-resistant plastic lens	D15815000-00752618 - EU D15850000-00752642 - UK
OPTICLUX 10-2 P TX (Wood-light)	Rotary union (360° turnover axis), Scratch-resistant plastic lens, Switchable to Wood light (365 nm)	D15814000-00752615 - EU D15851000-00752645 - UK

LIGHT DISTRIBUTION



TECHNICAL DRAWING



TECHNICAL DATA

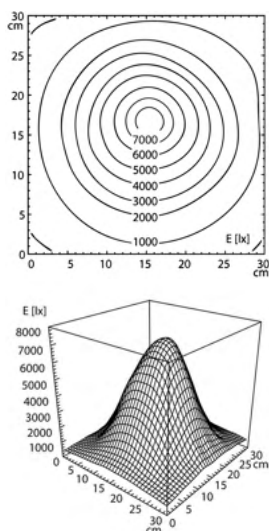
ILLUMINANCE	8 000 lux at 0.15 m
COLOR RENDERING INDEX CRI (RA)	95
COLOR RENDERING INDEX R9	93
COLOR TEMPERATURE	6 500 K
LENS DIAMETER	160 mm
LENS DIOPTR	3.5 dpt (approx. 1.9x magnification)
LENS MATERIAL	Polymethyl methacrylate (PMMA)
NUMBER OF LEDS	42
OPERATING DEVICE	Electronic converter
POWER CORD	1.5 m (USB-C)
POWER CONSUMPTION	7 W
RATED INPUT VOLTAGE	100 - 240 V
FREQUENCY RANGE	50 / 60 Hz
LUMINAIRE HOUSING	Polycarbonate (PC), Acrylic butadiene styrene copolymer (ABS)
WEIGHT (NET)	0.6 kg
OPERATION	Membrane keypad on handle
DIMMING	Stepless
PROTECTION CLASS	II
DEGREE OF PROTECTION	IP 20
STANDARDS	EN 60601-1
ACCESSORIES	Desktop charging station
BATTERY LIFE	≤ 3 h

HANDHELD MAGNIFYING LAMPS

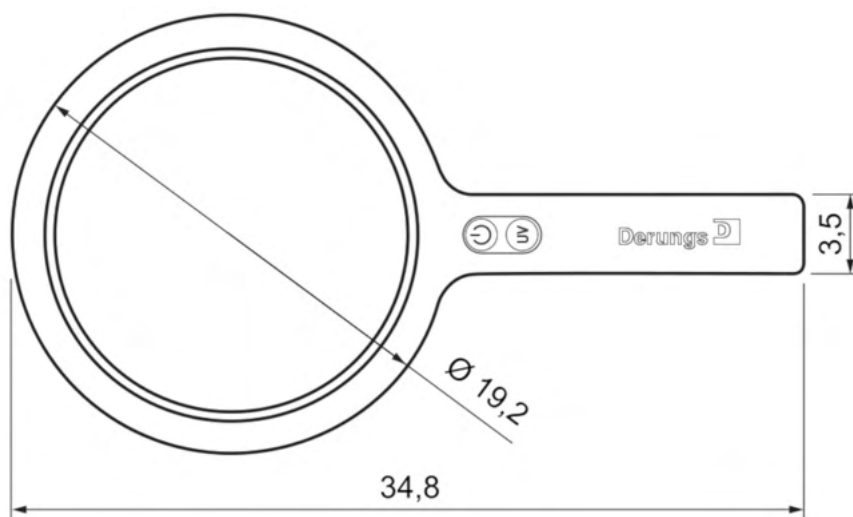


	Number of LEDs	Special features	Order No.
OPTICLUX Hand 10-1 DL	40	Scratch-resistant plastic lens, Ergonomic handle, Battery, Protective cover	D16004000-00807072 - EU D16066000-00807546 - USB
OPTICLUX Hand 10-1 DL Bundle*	40	Scratch-resistant plastic lens, Ergonomic handle, Battery, Protective cover, Desk charging station	D16237000-00814721 - EU D16238000-00814722 - USB
OPTICLUX Hand 10-2 UV (Wood light)	42	Scratch-resistant plastic lens, Switchable to Wood light (365 nm), Ergonomic handle, Battery, Protective cover	D16005000-807073 - EU D16067000-00807547 - USB
OPTICLUX Hand 10-2 UV (Wood light) Bundle*	42	Scratch-resistant plastic lens, Switchable to Wood light (365 nm), Ergonomic handle, Battery, Protective cover, Desk charging station	D16239000-00814723 - EU D16240000-00814724 - USB

LIGHT DISTRIBUTION



TECHNICAL DRAWING



AMALIA 2 P S4

NEW



TECHNICAL DATA

ILLUMINANCE	1 200 lux at 0.5 m
LIGHT FIELD DIAMETER (D10)	45 cm at 0.5 m
COLOR RENDERING INDEX CRI (RA)	96
COLOR RENDERING INDEX R9	90
COLOR RENDERING INDEX R13	93
COLOR TEMPERATURE	3 000 K
LUMINOUS FLUX	180 lm
NUMBER OF LEDS	3
OPERATING DEVICE	Electronic plug-in transformer
POWER CORD	2 m
POWER PLUG	EU
POWER CONSUMPTION	<3 W
LUMINAIRE HOUSING	Polybutylene terephthalate (PBT)
WEIGHT (NET)	1.5 kg
DIMMING	Stepless
JOINT MECHANISM	Friction
PROTECTION CLASS	II
STANDARDS	EN 60601-1, EN 60601-2-41
SPECIAL FEATURES	Rotary union (360° turnover axis), Orientation light (illuminated light switch), Power switch start configurable, Wide-voltage module (12 V-30 V)
MOUNTING	Pin fastening (Ø 16 mm)
ACCESSORIES	Rail mount, Table clamp, Universal mounting, Wall bracket, Universal bed adapter

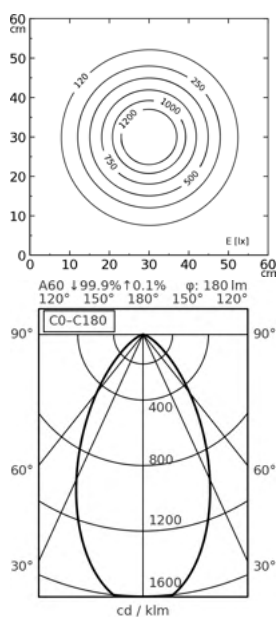
CARE LIGHTS



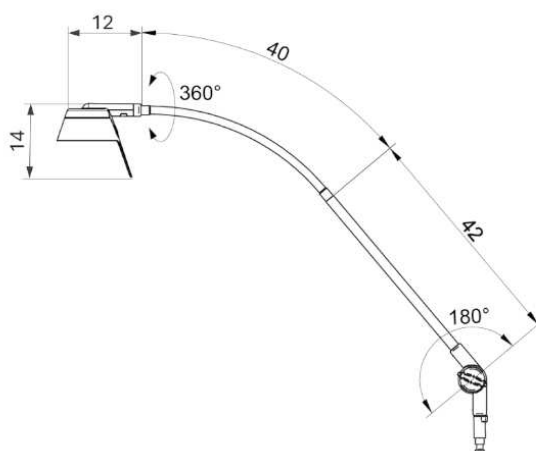
Order No.

AMALIA 2 P S4 | D16369000-00817377 - EU

LIGHT DISTRIBUTION



TECHNICAL DRAWING



AMALIA 2 P S7

NEW



TECHNICAL DATA

ILLUMINANCE	1 200 lux at 0.5 m
LIGHT FIELD DIAMETER (D10)	45 cm at 0.5 m
COLOR RENDERING INDEX CRI (RA)	96
COLOR RENDERING INDEX R9	90
COLOR RENDERING INDEX R13	93
COLOR TEMPERATURE	3 000 K
LUMINOUS FLUX	180 lm
NUMBER OF LEDS	3
OPERATING DEVICE	Electronic plug-in transformer
POWER CORD	2 m
POWER PLUG	EU
POWER CONSUMPTION	<3 W
LUMINAIRE HOUSING	Polybutylene terephthalate (PBT)
WEIGHT (NET)	1.3 kg
DIMMING	Stepless
PROTECTION CLASS	II
STANDARDS	EN 60601-1, EN 60601-2-41
SPECIAL FEATURES	Rotary union (360° turnover axis), Orientation light (illuminated light switch), Power switch start configurable, Wide-voltage module (12 V-30 V)
MOUNTING	Pin fastening (Ø 16 mm)
ACCESSORIES	Rail mount, Table clamp, Universal mounting, Wall bracket, Universal bed adapter

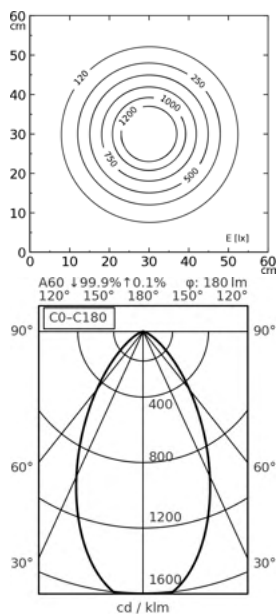
CARE LIGHTS



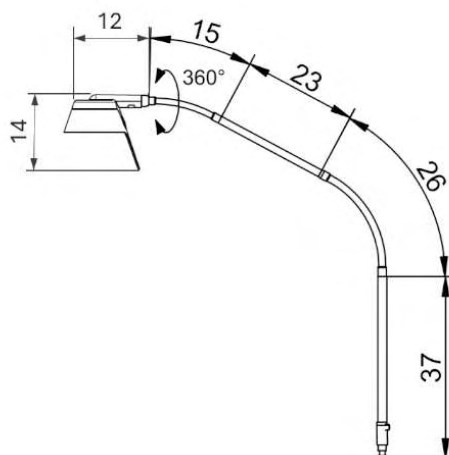
Order No.

AMALIA 2 P S7 D16370000-00817378 - EU

LIGHT DISTRIBUTION



TECHNICAL DRAWING



AMALIA 2 B S8

NEW



TECHNICAL DATA

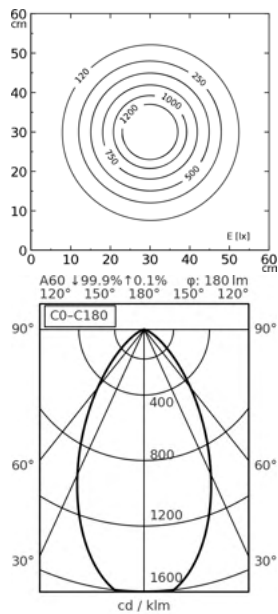
ILLUMINANCE	1 200 lux at 0.5 m
LIGHT FIELD DIAMETER (D10)	45 cm at 0.5 m
COLOR RENDERING INDEX CRI (RA)	96
COLOR RENDERING INDEX R9	90
COLOR RENDERING INDEX R13	93
COLOR TEMPERATURE	3 000 K
LUMINOUS FLUX	180 lm
NUMBER OF LEDS	3
OPERATING DEVICE	Electronic plug-in transformer
POWER CORD	2 m
POWER PLUG	EU
POWER CONSUMPTION	<3 W
LUMINAIRE HOUSING	Polybutylene terephthalate (PBT)
WEIGHT (NET)	1.7 kg
DIMMING	Stepless
PROTECTION CLASS	II
STANDARDS	EN 60601-1, EN 60601-2-41
SPECIAL FEATURES	Rotary union (360° turnover axis), Orientation light (illuminated light switch), Power switch start configurable, Wide-voltage module (12 V–30 V)
MOUNTING	Universal bed adapter

CARE LIGHTS

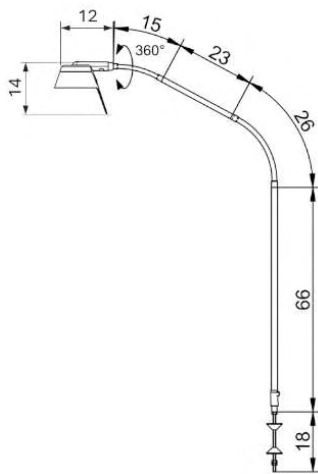


	Order No.
AMALIA 2 B S8	D16371000-00817379 - EU

LIGHT DISTRIBUTION



TECHNICAL DRAWING



CULTA LED S 4 P S3



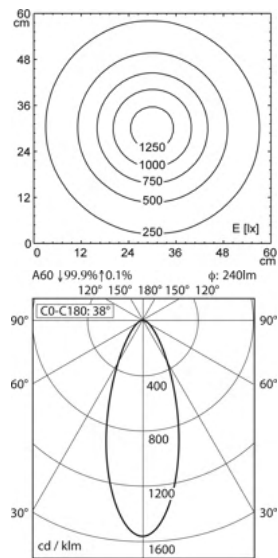
TECHNICAL DATA	
ILLUMINANCE	1 100 lux at 0.5 m
LIGHT FIELD DIAMETER (D10)	60 cm at 0.5 m
COLOR RENDERING INDEX CRI (RA)	80
COLOR TEMPERATURE	3 000 K
LUMINOUS FLUX	240 lm
OPERATING DEVICE	Electronic plug-in transformer
POWER CORD	2 m
POWER PLUG	EU
POWER CONSUMPTION	4 W
RATED INPUT VOLTAGE	100 - 240 V
FREQUENCY RANGE	50 / 60 Hz
LUMINAIRE HOUSING	Polycarbonate (PC)
WEIGHT (NET)	1.6 kg
OPERATION	Rocker switch (I/O) on cord
PROTECTION CLASS	II
STANDARDS	EN 60598-1, EN 60598-2-25
SPECIAL FEATURES	Cord switch
MOUNTING	Pin fastening (Ø 16 mm)
ACCESSORIES	Rail mount, Table clamp, Universal mounting, Wall bracket, Universal bed adapter

CARE LIGHTS

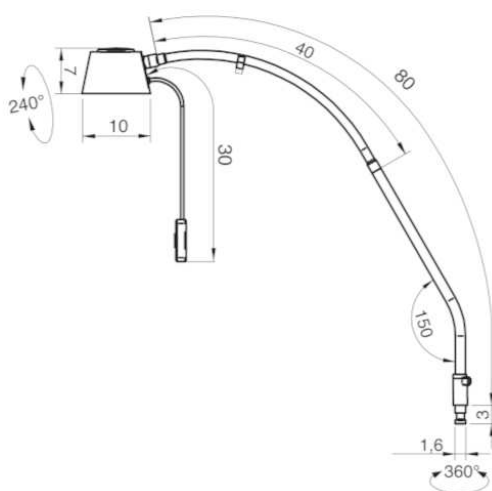


	Order No.
CULTA LED S 4 P S3	D15727000-00689653 - EU

LIGHT DISTRIBUTION



TECHNICAL DRAWING



CULTA LED S 4 B S9



TECHNICAL DATA

ILLUMINANCE	1 100 lux at 0.5 m
LIGHT FIELD DIAMETER (D10)	60 cm at 0.5 m
COLOR RENDERING INDEX CRI (RA)	80
COLOR TEMPERATURE	3 000 K
LUMINOUS FLUX	240 lm
OPERATING DEVICE	Electronic plug-in transformer
POWER CORD	2 m
POWER PLUG	EU
POWER CONSUMPTION	4 W
RATED INPUT VOLTAGE	100 - 240 V
FREQUENCY RANGE	50 / 60 Hz
LUMINAIRE HOUSING	Polycarbonate (PC)
WEIGHT (NET)	1.6 kg
OPERATION	Rocker switch (I/O) on cord
PROTECTION CLASS	II
STANDARDS	EN 60598-1, EN 60598-2-25
SPECIAL FEATURES	Cord switch
MOUNTING	Universal bed adapter

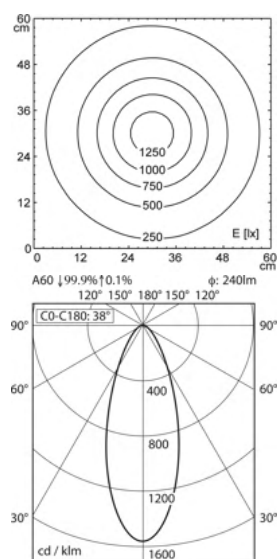
CARE LIGHTS



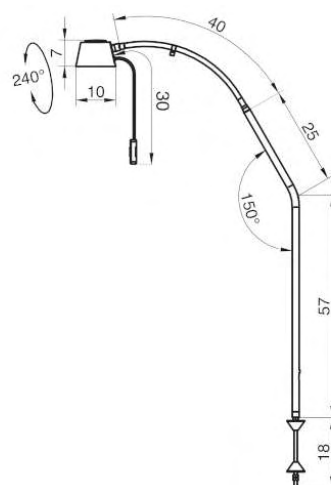
Order No.

CULTA LED S 4 B S9 | D15725000-00689635 - EU

LIGHT DISTRIBUTION



TECHNICAL DRAWING



ACCESORIES

MOUNTING HARDWARE

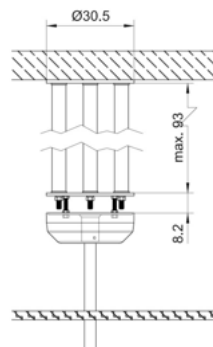
INTERMEDIATE CEILING ADAPTER

TECHNICAL DATA

COMPATIBLE WITH	TRIANGO, OPTICLUX, VISIANO 20
MATERIAL	Steel
LENGTH	max. 93 cm, cut to length on request / as required
WEIGHT (NET)	28 kg
ORDER NO.	D15074000-00632785



TECHNICAL DRAWING



SET INTERMEDIATE CEILING COVER PLATE

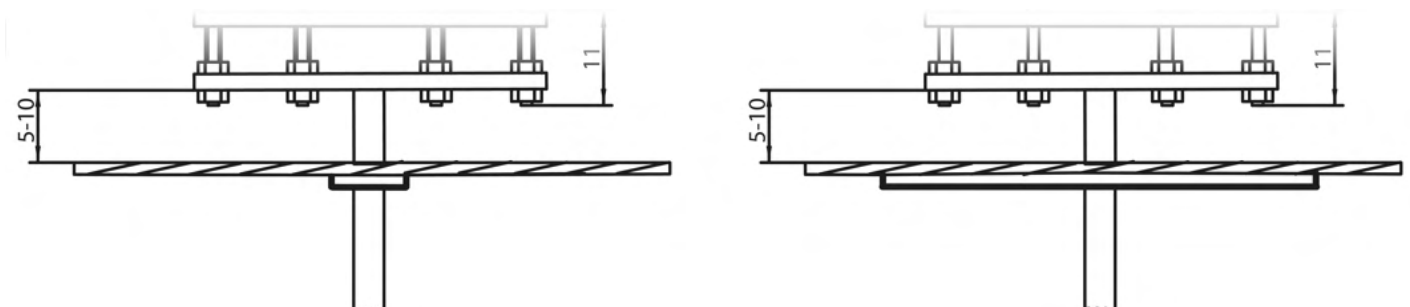
TECHNICAL DATA

COMPATIBLE WITH	TRIANGO, OPTICLUX, VISIANO 20
MATERIAL	Rigid PVC

DIMENSIONS	ORDER NO.
Ø 100 mm	D12853000-00814439
Ø 385 mm	D15378000-00663168



TECHNICAL DRAWING



STANDARD WALL RAIL SYSTEM 25 X 10 MM

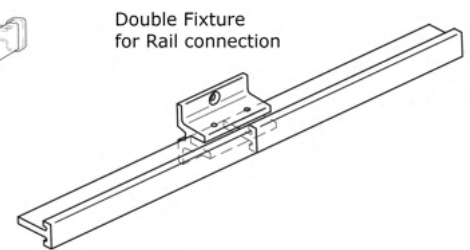
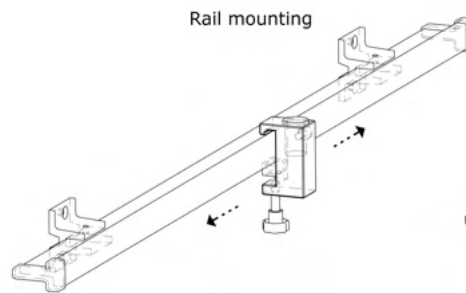
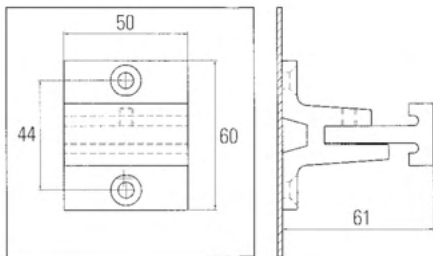
TECHNICAL DATA

MATERIAL	Aluminium (natural anodized)
WEIGHT (NET)	2.5 kg
STANDARDS	EN ISO 19054

DIMENSIONS	SCOPE OF DELIVERY	ORDER NO.
1500 x 25 x 10 mm	3 brackets for mounting the wall rail, Wall rail	D13506000-00630687
1000 x 25 x 10 mm	2 brackets for mounting the wall rail, Wall rail	D13505000-00647049
	Double fixtures 80 mm to Rail, compl. Project-specific lengths on request, possible up to 6 m	D56045000-00647052



TECHNICAL DRAWING



BEDSIDE TABLE ADAPTER

TECHNICAL DATA

MATERIAL	Steel (black galvanized)
WEIGHT (NET)	0.02 kg
FOR SPIGOT DIAMETER	16 mm-W with removal lock
ORDER NO.	D14152000-00647311



EXTENSION ARM

TECHNICAL DATA

MATERIAL	Steel tube (powder-coated)
DIMENSIONS	400 mm, Ø 16 mm
WEIGHT (NET)	0.65 kg
FOR SPIGOT DIAMETER	16 mm-W with removal lock
LOAD CAPACITY	2.5 kg
ORDER NO.	D13363000-00647314



TABLE CLAMP

TECHNICAL DATA	
MATERIAL	Polyamide (PA), Steel (painted)
ADJUSTMENT RANGE	0-70 mm
WEIGHT (NET)	0.35 kg
FOR SPIGOT DIAMETER	16 mm-W with removal lock
ORDER NO.	D14228000-00625467



UNIVERSAL MOUNTING

TECHNICAL DATA	
MATERIAL	Polyamide GF
DIMENSIONS	60 x 60 x 60 mm
WEIGHT (NET)	0.09 kg
FOR SPIGOT DIAMETER	16 mm-W with removal lock
ORDER NO.	D13430000-00627986



RAIL MOUNTING

TECHNICAL DATA	
MATERIAL	Aluminium (natural anodized)
EQUIPMENT RAIL	25-35 x 8-10 mm
WEIGHT (NET)	0.16 kg
FOR SPIGOT DIAMETER	16 mm-W with removal lock
ORDER NO.	D13269000-007069



RAIL MOUNTING GYNECOLOGY CHAIR

TECHNICAL DATA	
MATERIAL	Aluminium (natural anodized)
EQUIPMENT RAIL	25-35 x 8-10 mm
WEIGHT (NET)	0.16 kg
FOR SPIGOT DIAMETER	16 mm-W with removal lock and brake function
ORDER NO.	D10127000-00809569



WALL BRACKET

TECHNICAL DATA

MATERIAL	Polyamide GF
WEIGHT (NET)	0.14 kg
FOR SPIGOT DIAMETER	16 mm-W with removal lock and cable hole
ORDER NO.	D13231000-00522182



WALL BRACKET (ALUMINIUM)

TECHNICAL DATA

MATERIAL	Aluminium
DISTANCE TO WALL	76 mm
WEIGHT (NET)	0.15 kg
FOR SPIGOT DIAMETER	16 mm-W with removal lock and cable hole
ORDER NO.	D15435000-00659957



TUBE MOUNTING

TECHNICAL DATA

COMPATIBLE WITH	Round and oval profiles Ø 30 mm to 40 mm
MATERIAL	Aluminium
DISTANCE TO TUBE	70 mm
WEIGHT (NET)	0.23 kg
FOR SPIGOT DIAMETER	16 mm-W with removal lock and cable hole
ORDER NO.	D12313000-00630672



ROLLER STAND

TECHNICAL DATA

CONSTRUCTION	Plastic twin castors with 5 brakes
MATERIAL	Plastic, Steel
DIMENSIONS	1 m, Ø 700 mm
WEIGHT (NET)	7.5 kg
FOR SPIGOT DIAMETER	16 mm-W with removal lock and cable suspension device
ORDER NO.	D15595000-00656247



HANDLES

STERILIZABLE SURGICAL HANDLE

TECHNICAL DATA

COMPATIBLE WITH	ORDER NO.
TRIANGO 80	D10295000-00703690
TRIANGO 130, TRIANGO 100, TRIANGO 60	D10052000-00816841



TRIANGO 80



TRIANGO 130 / 100 / 60

HANDLE

TECHNICAL DATA

COMPATIBLE WITH	TRIANGO 130, TRIANGO 100, TRIANGO 60
ORDER NO.	D10442000-00802948



DISPOSABLE HANDLE COVER

TECHNICAL DATA

COMPATIBLE WITH	TRIANGO
SCOPE OF DELIVERY	1 pack of 100 pieces
ORDER NO.	D15445000-00714913



OTHERS

OPTICLUX HAND CHARGING STATION

TECHNICAL DATA

POWER CORD	1.5 m (USB-C)
MATERIAL	Steel plate
WEIGHT (NET)	0.86 kg
SPECIAL FEATURES	Can be converted to a wall mount
ORDER NO.	D16173000-00814095



TANEO LAB ADDITIONAL LENS

TECHNICAL DATA

LENS DIOPTR	3.5 dpt (approx. 1.9x magnification)
COMPATIBLE WITH	TANEO Lab
SPECIAL FEATURES	Easy installation with clip
ORDER NO.	00575900



LOW-VOLTAGE COLD LIGHT MIRROR LAMPS

TECHNICAL DATA

LIGHT FIELD DIAMETER (D10)	60 cm at 0.5 m
COLOR TEMPERATURE	3 000 K
POWER CONSUMPTION	4 W
RATED INPUT VOLTAGE	DC/AC 12 V
COMPATIBLE WITH	CULTA LED
ORDER NO.	D69009000-00686991



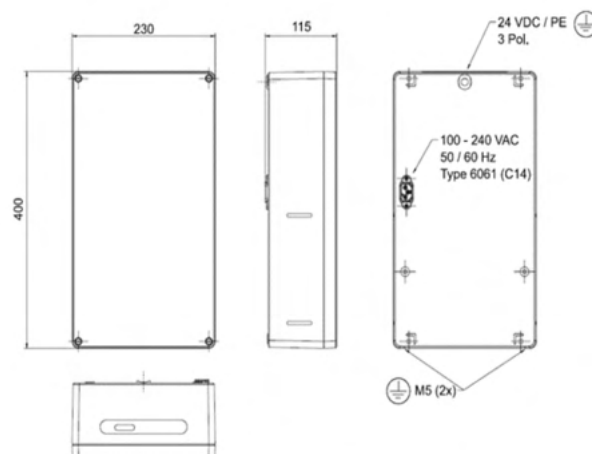
BATTERY - UPSMED PACK

TECHNICAL DATA

POWER CONSUMPTION, MAX.	120 VA
TESTED SECONDARY POWER CONSUMPTION, MAX.	45 W
RATED INPUT VOLTAGE	100 - 240 VAC
SECONDARY VOLTAGE	24 VDC output (3-core cable)
FREQUENCY RANGE	50 / 60 Hz
AMBIENT TEMPERATURE - FULLY CHARGED CONDITION (STORAGE AND TRANSPORT)	-20 - +60 °C
AMBIENT TEMPERATURE (OPERATION)	+10 - +35 °C
REL. HUMIDITY (NON-CONDENSING)	75 % (max.)
MAXIMUM OPERATING ALTITUDE	2000 m
MINIMUM AIR PRESSURE FOR OPERATION	80 kPa
HOUSING MATERIAL	Aluminium
WEIGHT (NET)	12 kg
PROTECTION CLASS	I
STANDARDS	AAMI ES60601-1:2005/A2:2010/(R)2012, CAN/CSA-C22.2 No. 60601-1:14, IEC 60601-1:2005 + A1:2012, IEC 60601-1-2:2014
BATTERY TYPE	NP17 - 12I Industrial VRLA battery
BATTERY LIFETIME UP TO 70%	1 200 Cycles
NOMINAL VOLTAGE	12 V
20-HOUR RATE CAPACITY TO 10.5V AT 20°C	17 Ah
10-HOUR RATE CAPACITY TO 10.8V AT 20°C	15.7 Ah
INTERNAL RESISTANCE - ACCORDING TO EN IEC 60896-21	34.47 mΩ
SHORT-CIRCUIT CURRENT - ACCORDING TO EN IEC 60896-21	421 A
ORDER NO.	D16217000



TECHNICAL DRAWING



SUPPORT ARM SYSTEMS - ON REQUEST

TENO – CUSTOMER SPECIFIC SOLUTIONS

TECHNICAL DATA

LENGTH - SPRING ARM TO CENTRE OF GRAVITY (MM)*	LOAD CAPACITY AT CENTRE OF GRAVITY (N)	CABLE DIAMETER MAX. (MM)
800	40	8
900	35	8
1000	30	8
1100	25	8



Duo-System



Ceiling mount



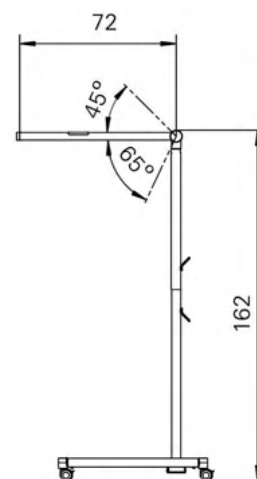
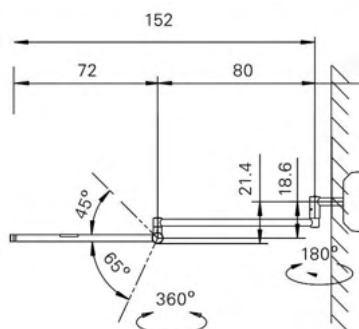
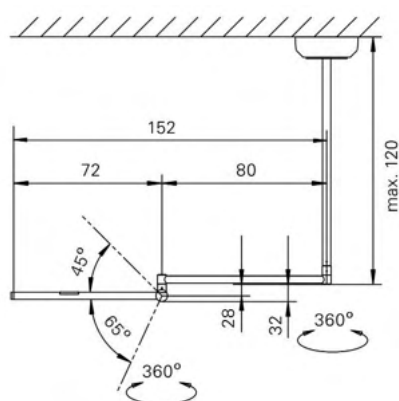
Wall mount



Roller stand



CEILING MOUNT | WALL MOUNT | ROLLER STAND



VISO - CUSTOMER SPECIFIC SOLUTIONS



Ceiling mount

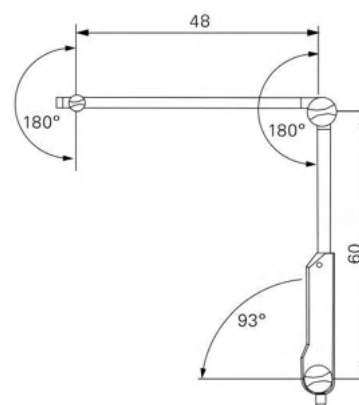
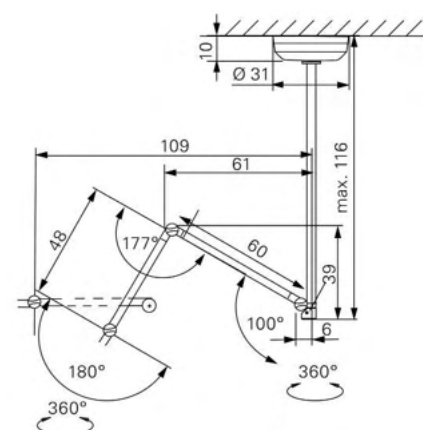


Pin version



Roller stand

CEILING MOUNT | MOUNTING PIN | ROLLER STAND



100% medical engineering



Until the end of 2022, the production and distribution of the medical and ambient lighting portfolio were managed through the international subsidiaries of the Waldmann Group. Since January 1, 2023, responsibility for the ambient lighting products ZERA, VIVAA 2.0, and VIVAA Ring has been transferred to Herbert Waldmann GmbH & Co. KG in Villingen-Schwenningen.

The Derungs team focuses on the development and marketing of medical lighting solutions for human and veterinary medicine.

The portfolio includes a wide range of surgical, examination, and care lights.

The Derungs brand stands for innovative lighting solutions for various medical fields, including hospitals and clinics, dermatology practices, aesthetic surgery, gynecology, urology, veterinary and general medicine, as well as dental practices and laboratories.

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