



A System for (almost) every Diver !

➔ for the Minimalist



➔ for the Specialist



➔ for the Allrounder





Maxi Light and Maxi Nova

	LED	LED
	Maxi Light	Maxi Nova
Standard Components	3 x alkaline batteries C - cells	3 x alkaline batteries C - cells
Possible Components	3 x C - cells NiMh 1 x LiFe battery	3 x C - cells NiMh 1 x LiFe battery
Burning Time in Minutes	approx. 180 min with all types of batteries	approx. 180 min with all types of batteries
Light power equivalent to halogen in watt	approx. 50 watt	approx. 85 watt
Light power in Lux at 1 meter distance	approx. 14000 lux	approx. 25000 lux
Light power in lumen 360 degrees	approx. 850 lumen	approx. 1500 lumen
Color temperature in Kelvin	approx. 4500 K	approx. 5500 K
Angle of Radiation in degrees	approx. 13 degrees	approx. 13 degrees
Dimension	Diameter 59 mm / 2.32" Length 220 mm / 8.66"	Diameter 59 mm / 2.32" Length 220 mm / 8.66"
Weight out of Water	approx. 890 gr. / 1.96 lbs	approx. 890 gr. / 1.96 lbs
Watertight up to	200 m / 656 ft	200 m / 656 ft
Photos and Accessories on page	7	7



TT1 LiFe (Lithium-Ion) System

Technical Data TT1

3.2 Ah, 12 Volt

Diameter approx. 53 mm / 2.09"

Length approx. 165 mm / 6.5"

Weight approx. 570 gr. / 1.26 lbs

	LED				
Light heads	Pro 850	1500	1200-S2	4500	3000-S2
Can be mounted on TT1 Canister	yes	yes	yes	yes	yes
Burning time in minutes (approx.)	240	240	240	80	80-240
Light power equivalent to halogen in watt (approx.)	50	50	100	175	175
Light power in Lux at 1 meter distance (approx.)	14 000	30 000	45 000	50 000	60 000
Light power in lumen 360 degrees (approx.)	850	1500	1200	4500	3000
Color temperature in Kelvin	5.500 ^{*1)}	5.500	5.500	5.000	5.900
Angle of Radiation in degrees	8-15	10	5	10	4-15
Dimension D = Diameter / L = Length	D = 59 mm L = 65 mm	D = 59 mm L = 65 mm	D = 59 mm L = 75 mm	D = 79 mm L = 80 mm	D = 79 mm L = 120mm
Weight out of Water (approx.) gr./lbs	390 / 0.86	270 / 0.6	270 / 0.6	470 / 1.04	640 / 1.41
Watertight up to m / ft	200 / 656	200 / 656	200 / 656	200 / 656	200 / 656
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Upgrade possible	yes, to TT2 and TT3				

*1) additional module 3000 K included in delivery



TT2 LiFe (Lithium-Ion) System

Technical Data TT2
 5.5 Ah, 12 Volt
 Diameter approx. 53 mm / 2.09"
 Length approx. 235 mm / 9.25"
 Weight approx. 570 gr. / 1.76 lbs

	LED				
Light heads	Pro 850	1500	1200-S2	4500	3000-S2
Can be mounted on TT2 Canister	yes	yes	yes	yes	yes
Burning time in minutes (approx.)	300	300	300	120	120-300
Light power equivalent to halogen in watt (approx.)	50	50	100	175	175
Light power in Lux at 1 meter distance (approx.)	14 000	30 000	45 000	50 000	60 000
Light power in lumen 360 degrees (approx.)	850	1500	1200	4500	3000
Color temperature in Kelvin	5.500 ^{*1)}	5.500	5.500	5.000	5.900
Angle of Radiation in degrees	8-15	10	5	10	4-15
Dimension D = Diameter / L = Length	D = 59 mm L = 65 mm	D = 59 mm L = 65 mm	D = 59 mm L = 75 mm	D = 79 mm L = 80 mm	D = 79 mm L = 120mm
Weight out of Water (approx.) gr./lbs	390 / 0.86	270 / 0.6	270 / 0.6	470 / 1.04	640 / 1.41
Watertight up to m / ft	200 / 656	200 / 656	200 / 656	200 / 656	200 / 656
Photos and Accessories on Page	8-12	8-12	8-12	8-12	8-12
Upgrade possible	yes, to TT3				

*1) additional module 3000 K included in delivery



TT3 LiFe (Lithium-Ion) System

Technical Data TT3
 9.0 Ah, 12 Volt
 Diameter approx. 53 mm / 2.09"
 Length approx. 300 mm / 11.81"
 Weight approx. 1300 gr. / 2.87 lbs

	LED				
Light heads	Pro 850	1500	1200-S2	4500	3000-S2
Can be mounted on TT3 Canister	yes	yes	yes	yes	yes
Burning time in minutes (approx.)	600	600	600	220	220-600
Light power equivalent to halogen in watt (approx.)	50	50	100	175	175
Light power in Lux at 1 meter distance (approx.)	14 000	30 000	45 000	50 000	60 000
Light power in lumen 360 degrees (approx.)	850	1500	1200	4500	3000
Color temperature in Kelvin	5.500 ^{*1)}	5.500	5.500	5.000	5.900
Angle of Radiation in degrees	8-15	10	5	10	4-15
Dimension D = Diameter / L = Length	D = 59 mm L = 65 mm	D = 59 mm L = 65 mm	D = 59 mm L = 75 mm	D = 79 mm L = 80 mm	D = 79 mm L = 120mm
Weight out of Water (approx.) gr./lbs	390 / 0.86	270 / 0.6	270 / 0.6	470 / 1.04	640 / 1.41
Watertight up to m / ft	200 / 656	200 / 656	200 / 656	200 / 656	200 / 656
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Upgrade possible	no				

*1) additional module 3000 K included in delivery



MPL

	LED		
	MPL-500-9000-10	MPL-500-12000-5	MPL-1500-30000-10
Standard Components	3 x alkaline batteries AA - cells	3 x alkaline batteries AA - cells	3 x 1,2 Volt AA NiMh battery with charger
Possible Components	3 x 1,5 Volt AA Lithium 3 x 1,2 Volt AA NiMh 1 x 3,2 Volt 18650 LiFe 1 x 3,7 Volt 18650 LiMn	3 x 1,5 Volt AA Lithium 3 x 1,2 Volt AA NiMh 1 x 3,2 Volt 18650 LiFe 1 x 3,7 Volt 18650 LiMn	3 x 1,5 Volt AA Lithium 3 x 1,2 Volt AA NiMh 1 x 3,2 Volt 18650 LiFe 1 x 3,7 Volt 18650 LiMn
Burning Time in Minutes	approx. 180-600 min with all types of batteries	approx. 180-600 min with all types of batteries	approx. 60-90 min with all types of batteries
Light power equivalent to halogen in watt	approx. 30 watt	approx. 35 watt	approx. 85 watt
Light power in Lux at 1 meter distance	9 000	12 000	35 000
Light power in lumen 360 degrees	500	500	1500
Color temperature in Kelvin	5500 K	5500 K	5500 K
Angle of Radiation in degrees	10	5	10
Dimension	Diameter 37 mm/ 1.46" Length 110-195 mm / 4.33"-7.68"	Diameter 37 mm/ 1.46" Length 110-195 mm / 4.33"-7.68"	Diameter 59 mm/ 2.32" Length 120-205 mm / 4.72"-8.07"
Weight out of Water	approx. 290 or 100 gr. / 0.64 or 0.22 lbs	approx. 290 or 100 gr. / 0.64 or 0.22 lbs	approx. 390 or 200 gr. / 0.86 or 0.44 lbs
Watertight up to	200 m / 656 ft	200 m / 656 ft	200 m / 656 ft
Photos and Accessories on page	15	15	15

Pictures and Accessories

Maxi - Light / Maxi Nova



Standard Version



Front of Maxi Light



Front of Maxi Nova

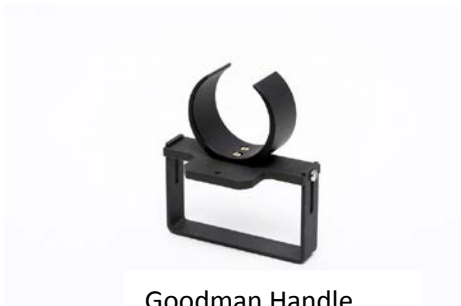
Accessories



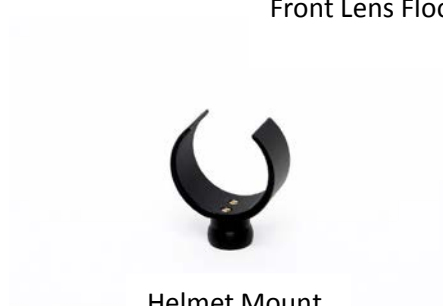
Handle



Front Lens Flood



Goodman Handle



Helmet Mount

TT1 / TT2 / TT3

Light Heads technical Data

PRO LED 850

Nominal Width	59 mm / 2.32"
Length	65 mm / 2.56"
Illuminant	2 x changeable LED Module included in the delivery (1 x 5500 und 1 x 3000 Kelvin). All older TillyTec light heads can be upgraded. . The installation of the plug-in LED module is as simple as changing the halogen bulb. Included is the pluggable LED module in the "red-yellow" warm light version. This light color conforms the warm halogen light and is ideal suitable for night diving in open water.
Light Power in Lumen 360 Grad	850
Light Power in Lux at 1 m Distance	14.000 (white Module)
Angle of Radiation	8-15 Degrees Adjustable
Light Color in Kelvin	5500 (White Light) 3800 (red-yellow warm Light)
Comparable Halogen Power in Watt	50
Upgrade possible	To all TillyTec Heads



TT1 PRO 850 Torch



TT2 PRO 850 Canister



TT3 PRO 850 Canister



LED 1200-S2

Nominal Width	59 mm / 2.32"
Length	75 mm / 2.95"
Illuminant	3 Special LEDs
Light Power in Lumen 360 Grad	1200
Light Power in Lux at 1 m Distance	45.000
Angle of Radiation	5 Degrees
Light Color in Kelvin	5500
Comparable Halogen Power in Watt	100
Upgrade possible	To all 4500 and 3000-S2



Excellent suitable for all diving. Absolutely perfect signaling possible, since very narrow beam.



TT1 1200-S2 Torch



TT2 1200-S2 Torch



TT3 1200-S2 Canister



LED 1500

Nominal Width	59 mm / 2.32"
Length	65 mm / 2.56"
Illuminant	3 Special LEDs
Light Power in Lumen 360 Grad	1500
Light Power in Lux at 1 m Distance	30.000
Angle of Radiation	10 Degrees
Light Color in Kelvin	5500
Comparable Halogen Power in Watt	100
Upgrade possible	To all 4500 and 3000-S2



Well suited for very bright day dives in e.g. Egypt or clear freshwater. Very good in fresh water with poor visibility (no Glare). But even night dives very good and in dark water e.g. Caves, wrecks, etc. The LED 1500 is unique in terms of light output and price on the market!



TT1 1500 Torch



TT2 1500 Canister



TT3 1500 Canister



LED 3000-S2

Nominal Width	59 mm / 2.32" – 79 mm / 3.11"
Length	120 mm / 4.72"
Illuminant	1 Special LED
Light Power in Lumen 360 Grad	3000
Light Power in Lux at 1 m Distance	60.000
Angle of Radiation	4-15 Degrees Adjustable
Light Color in Kelvin	5900
Comparable Halogen Power in Watt	175



The LED 3000/S2 has three dimming levels. This makes it possible to vary the brightness and burn time. The internal electronics is protected through a "backup circuit". In case of failure of the electronics the LED 3000/S2 falls in an emergency and can burn as an emergency light for several hours.



LED 4500

Nominal Width	59 mm / 2.32" – 79 mm / 3.11"
Length	80 mm / 3.15"
Illuminant	9 Special LEDs
Light Power in Lumen 360 Grad	4500
Light Power in Lux at 1 m Distance	50.000
Angle of Radiation	10 Degrees
Light Color in Kelvin	5000
Comparable Halogen Power in Watt	175



Can be used without glare in the water even at very low visibility in the water (Dimming not required).

Absolutely outstanding LED head for all dives. Also in the 4500 version of LED video available, with 110 degree radiation and absolutely perfect lighting.



TT1 4500 Torch



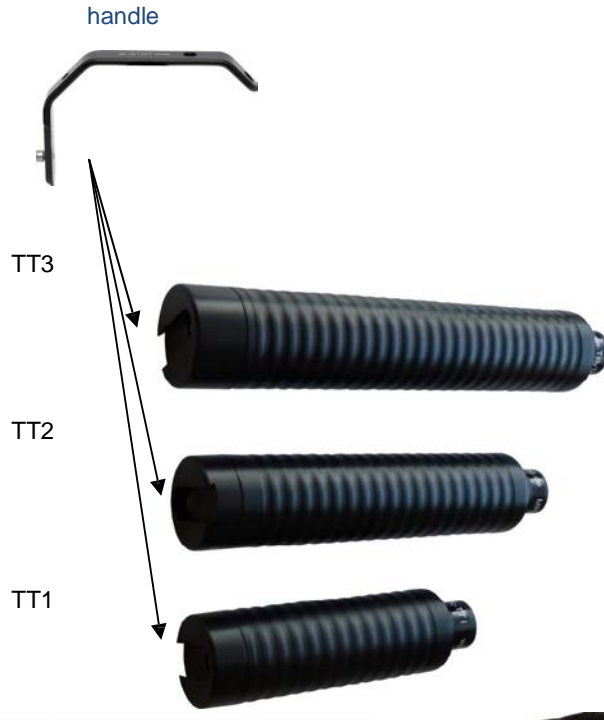
TT2 4500 Torch



TT3 4500 Canister

Accessories for TT1 / TT2 / TT3

FOR THE BATTERY CANISTER



handle

TT3

TT2

TT1

umbilical single



umbilical for 2 or 3 light heads



battery pouch



umbilical wit E/O for battery canister



umbilical E/O for the light heads



helmet mount



FOR THE LIGHT HEADS



helmet mount



goodman



video arm flexible



MPL Series



MPL - 500 - 9000 - 10 long version



MPL - 500 - 9000 - 10 short version



MPL - 500 - 1200 - 10 long version



MPL - 500 - 12000 - 10 short version



MPL - 1500 - 30000 - 10 long version



MPL - 1500 - 30000 - 10 short version

