

LED



daytime®



L E D S Y S T E M S F O R A Q U A R I U M S

Innovative LED lighting systems

Natural beauty of animals and plants
in marine and freshwater aquariums
presented brilliantly.



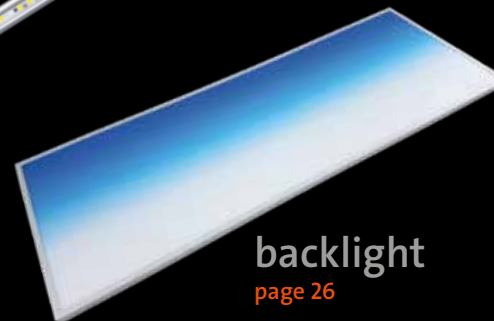
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Ten facts about daytime® LED

1. daytime® aquarium lights are not just lamps, but LED systems based on the modular principle which are precisely tailored to your project.
2. daytime® LED systems are unique in terms of function and Design, quality, flexibility and sustainability.
3. Development, design, manufacture and quality check without exception in our own factory in Germany.
4. daytime® LED systems deliver brilliant, natural light for flora and fauna in aquariums.
5. daytime® LED systems are also available to fit your desired length up to 395 cm.
6. daytime® works in a service-oriented manner and presents you a solution at short notice - by phone, email or via the known social media channels.
7. daytime® creates a lighting concept for your aquarium setup.
8. daytime® manufactures and repairs in the event of service or damage in their own workshop.
9. 30 years of experience in development and production of lighting systems for aquariums and for plants.
10. daytime® also supplies solutions for fish and plant sales facilities, as well as lighting for large aquariums.

Only the best for your plants and fish!

daytime®
A brand of the Waltron GmbH



Office, production and logistics



LED production



Assembling and functional testing



daytime® light lab

matrix

Modular LED system. Unique.

The “matrix” LED lighting system is particular designed for closed aquariums. The sum of light quality, the unique modular construction and the resilience sets standards - for freshwater aquariums and marine aquariums!

customized

Create your individual LED-light yourself!



Highend Customizing

- LED modules can be placed at any position by the aquarium owner
- Super long! Luminaire profile up to 395 cm for the giants among them aquariums



LED PRO-Module

- For almost every marine and freshwater aquarium stand the LED modules with different light colors and spectra to select
- Technical data and features in the „PRO modules“ chapter



Fully encapsulated - crystal clear & waterproof

- Crystal-clear polyurethane thick-layer full encapsulation – curing using UVC light technology
- Outstanding optical properties with the best light transmission and minimal color shift
- Optimum resilience in aquaristics – long-term tested!

daytime

Length up to
395 cm!



Inline-Adapter-System

- integrated inline adapter system (universal adapter set) with rubber non-slip contact surfaces
- all screws are V4A stainless steel (rust-free, seawater resistant)
- included



Splash guard

- incl. removable protective screen made of polycarbonate
- can be removed for cleaning



Connecting „Plug & Play“

- professional IP67 connector system from Binder, made in Germany
- very flexible silicone cable (uncoloured “natural”)
- cable length: 2.0 m
- including a special tool for module assembly/disassembly and for fixing the inline adapter system in place



Various mounts

- Various adapter sets are available for positioning the daytime® matrix in or above the aquarium
- all information in chapter matrix adapter sets

matrix adapter sets

Various adapter sets are available for integrating the daytime® matrix into your aquarium. Should, contrary to expectations, not be a satisfactory solution for your aquarium be found, please contact us. Even special solutions are no problem - customized!



Universal
adapter set
belongs to
each light



Acryl adapter set

- made of crystal clear acrylic for open aquariums, ideal for aquascaping tanks
- The width can be adjusted and fixed exactly to the pool length
- Light outlet approx. 60 mm above the edge of the pool



Swing adapter set

- for open aquariums
- for installing on tank rims
- The light outlet is approx. 60 mm above the tank rim

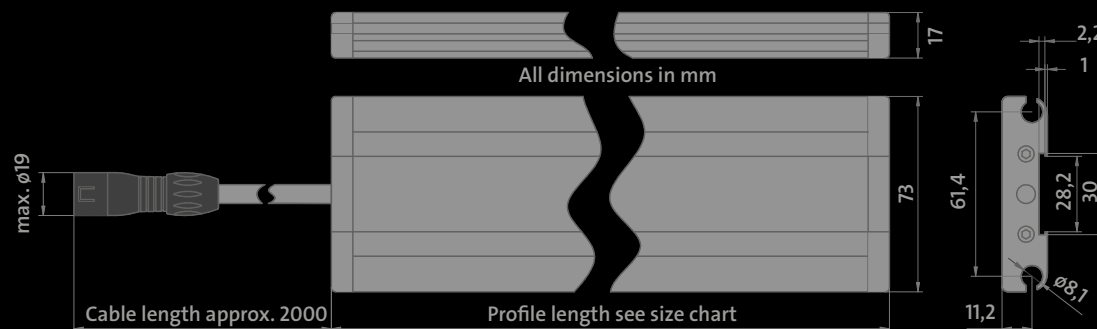


Insertion/screw-on adapter set

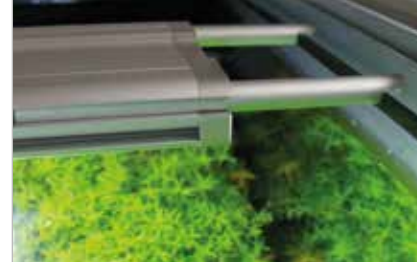
- for covers with tiered supports
- for covers with screw channels (e.g. the STRATOS from Giesemann)
- for tanks with inner glass strips

Wire suspension set

- high-quality wire suspension made of stainless steel
- for hanging the matrix above your aquarium
- adjustable height



matrix technical data



Designation	Length of ¹⁾ mounting profile	Max. number of modules	matrix adapter sets combination / suitable for aquarium width			
			Universal ²⁾	Acryl	Swing	Insertion/screw-on
matrix20	16,6 cm	1 pc. - 10 watts	20-30 cm	17,6-33,6 cm	20-30 cm	23-30 cm
matrix30	25 cm	1 pc. - 10 watts	28-38,4 cm	26-42 cm	25-38,4 cm	28-38,4 cm
matrix40	35 cm	2 pc. - 20 watts	38-48,4 cm	36-52 cm	35-48,4 cm	38-48,4 cm
matrix50	45 cm	3 pc. - 30 watts	48-58,4 cm	46-62 cm	45-58,4 cm	48-58,4 cm
matrix60	55 cm	4 pc. - 40 watts	58-68,4 cm	56-72 cm	55-68,4 cm	58-68,4 cm
matrix70	65 cm	5 pc. - 50 watts	68-78,4 cm	66-82 cm	65-78,4 cm	68-78,4 cm
matrix80	75 cm	6 pc. - 60 watts	78-88,4 cm	76-92 cm	75-88,4 cm	78-88,4 cm
matrix90	85 cm	7 pc. - 70 watts	88-98,4 cm	86-102 cm	85-98,4 cm	88-98,4 cm
matrix100	95 cm	8 pc. - 80 watts	98-108,4 cm	96-112 cm	95-108,4 cm	98-108,4 cm
matrix110	105 cm	9 pc. - 90 watts	108-118,4 cm	106-122 cm	105-118,4 cm	108-118,4 cm
matrix120	115 cm	10 pc. - 100 watts	118-128,4 cm	116-132 cm	115-128,4 cm	118-128,4 cm
matrix130	125 cm	11 pc. - 110 watts	128-138,4 cm	126-142 cm	125-138,4 cm	128-138,4 cm
matrix140	135 cm	12 pc. - 120 watts	138-148,4 cm	136-152 cm	135-148,4 cm	138-148,4 cm
matrix150	145 cm	13 pc. - 130 watts	148-158,4 cm	146-162 cm	145-158,4 cm	148-158,4 cm
matrix160	155 cm	14 pc. - 140 watts	158-168,4 cm	156-172 cm	155-168,4 cm	158-168,4 cm
matrix170	165 cm	15 pc. - 150 watts	168-178,4 cm	166-182 cm	165-178,4 cm	168-178,4 cm
matrix180	175 cm	16 pc. - 160 watts	178-188,4 cm	176-192 cm	175-188,4 cm	178-188,4 cm
matrix190	185 cm	17 pc. - 170 watts	188-198,4 cm	186-202 cm	185-198,4 cm	188-198,4 cm
matrix200	195 cm	18 pc. - 180 watts	198-208,4 cm	196-212 cm	195-208,4 cm	198-208,4 cm
matrix210	205 cm	19 pc. - 190 watts				
matrix220	215 cm	20 pc. - 200 watts				
matrix230	225 cm	21 pc. - 210 watts				
matrix240	235 cm	22 St. - 220 watts				
matrix250	245 cm	23 St. - 230 watts				
matrix260	255 cm	24 St. - 240 watts				
....	24 St. - 240 watts				
matrix400.0	395 cm	24 St. - 240 watts				

¹⁾ For a cable bend of the connection line, you must at least allow for 1 cm.

Concerning a profile length of more than 2 meter we recommend using the wire suspension or a middle support (e.g. a glass partition) to avoid any bending which could lead to visual irregularities.

²⁾ Included in the scope of delivery of a matrix (inline adapter system)



matrix
adapter
videos

you will find
on our youtube
channel



pendix®

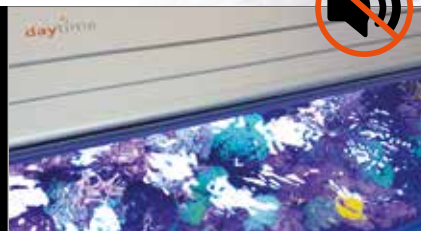
LED system for open aquariums

The “pendix” is designed for open, demanding aquariums in both the marine and freshwater segments. Based on the technology of the matrix series, the “pendix” offers the same quality features and a large number of identical properties as its «mother».



Modular construction

The number, position and assembly of the LED modules can be freely determined and carried out by the aquarium owner.



Silent operation

Silent, passive cooling without a fan thanks to a constructive heat management solution.



Various mounts

Various adapter sets are available for positioning the daytime® pendix® over your aquarium.

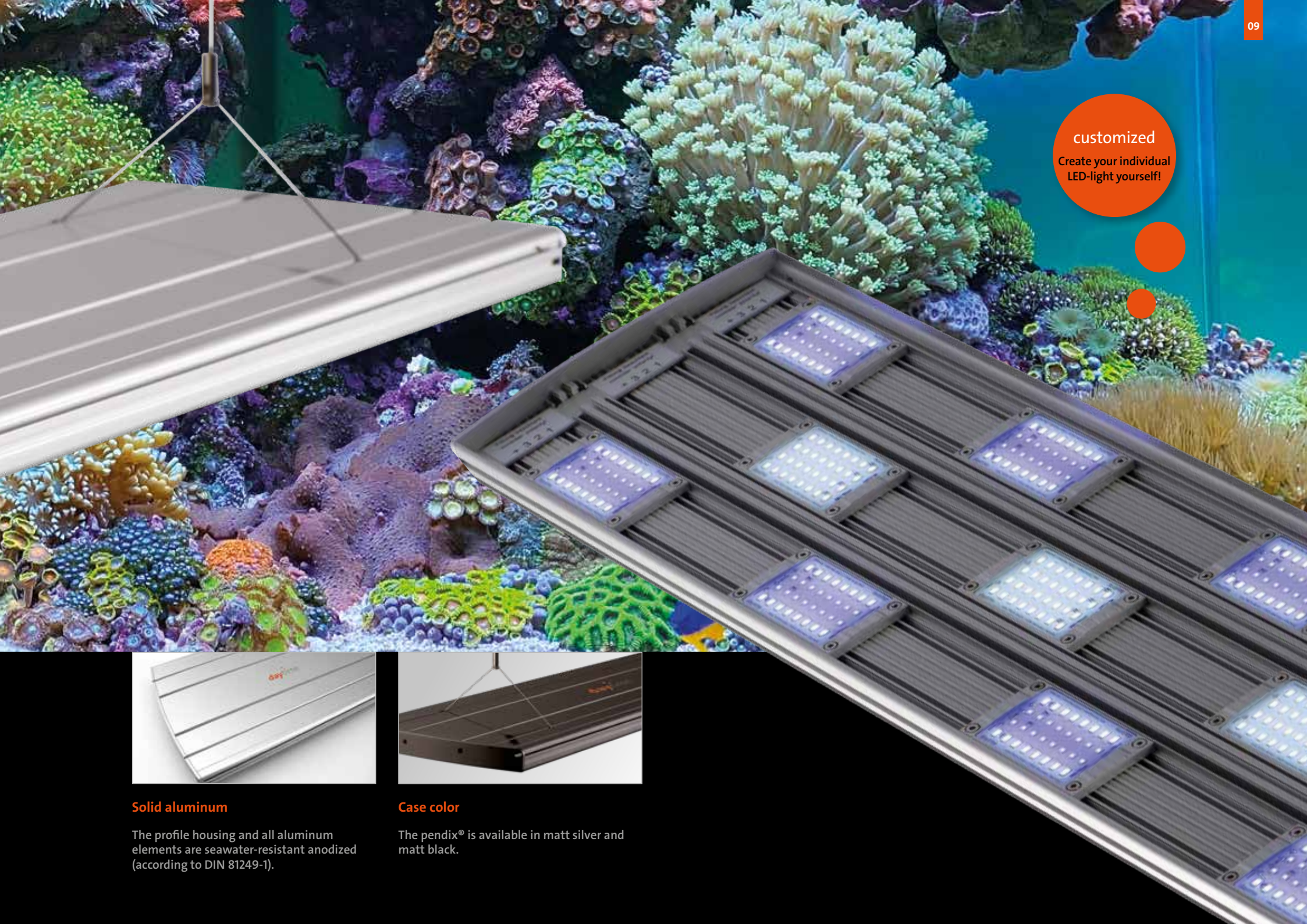


LED PRO modules

The LED modules with different light colors and spectra are available for almost every marine and freshwater aquarium.

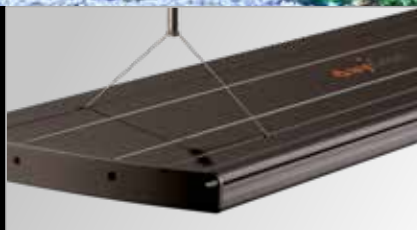
customized

Create your individual
LED-light yourself!



Solid aluminum

The profile housing and all aluminum elements are seawater-resistant anodized (according to DIN 81249-1).



Case color

The pendix® is available in matt silver and matt black.

pendix® adapter sets

Various adapter sets are available for optimal attachment and positioning of the pendix® above the aquarium. Should, contrary to expectations, not be a satisfactory solution for your aquarium be found, please contact us. Even special solutions are no problem - customized!



Pending set

Filigree wire rope suspension made of stainless steel for the free suspension of a pendix® lamp above the aquarium.



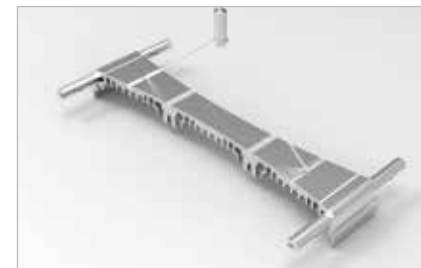
Top adapter set

For placing directly on the glass edges of open aquariums.



Wall bracket set

Designer bracket for fastening the pendix® to the wall above the aquarium.



Connecting profile set

For connecting pendix® lights at the front to form a seamless connection.

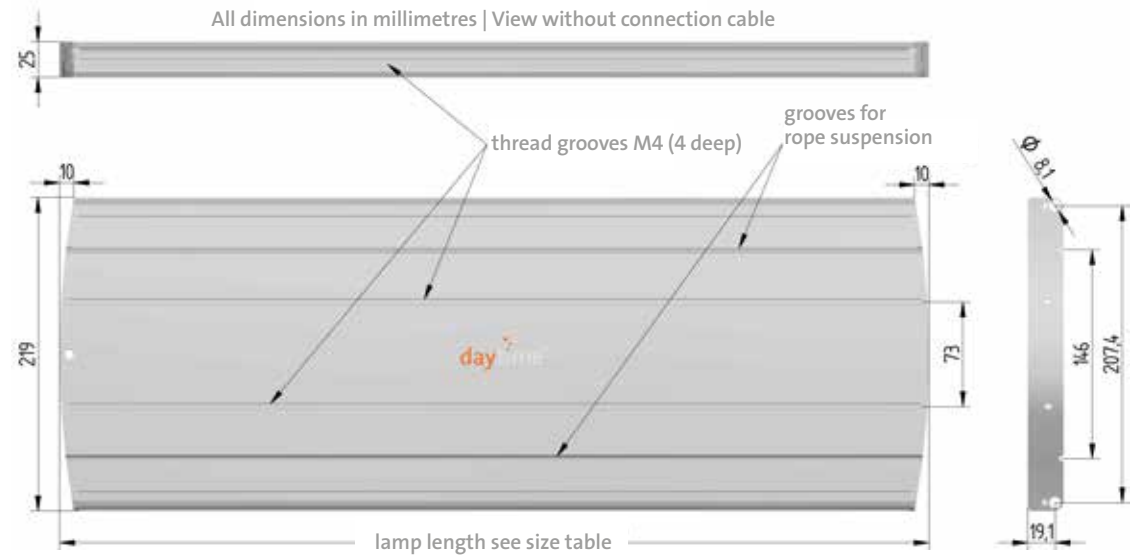


pendix® customized

On the basis of different light colors in connection with up to 24 LED PRO modules and any desired lamp length from 40 to 320 cm, almost any individually stocked aquarium can be individually illuminated. These ingredients are used to create the individual pendix® LED lights that are optimally tailored to the existing needs.

pendix® technical data

Designation	Length of mounting profile	max. Numbers of Modules		Ideal for Aquarium length	Attachment adapter
		series	total		
pendix40	40 cm	3	9	60 cm ± 5 cm	48 – 62 cm
pendix50	50 cm	4	9	70 cm ± 5 cm	58 – 72 cm
pendix60	60 cm	5	9	80 cm ± 5 cm	68 – 82 cm
pendix70	70 cm	6	9	90 cm ± 5 cm	78 – 92 cm
pendix80	80 cm	8	9	100 cm ± 5 cm	88 – 102 cm
pendix90	90 cm	9	9	110 cm ± 5 cm	98 – 112 cm
pendix100	100 cm	10	9	120 cm ± 5 cm	108 – 122 cm
pendix110	110 cm	11	9	130 cm ± 5 cm	118 – 132 cm
pendix120	120 cm	12	9	140 cm ± 5 cm	128 – 142 cm
pendix130	130 cm	13	9	150 cm ± 5 cm	138 – 152 cm
pendix140	140 cm	14	9	160 cm ± 5 cm	148 – 162 cm
pendix150	150 cm	15	9	170 cm ± 5 cm	158 – 172 cm
pendix160	160 cm	16	9	180 cm ± 5 cm	168 – 182 cm
pendix170	170 cm	17	9	190 cm ± 5 cm	178 – 192 cm
pendix180	180 cm	18	9	200 cm ± 5 cm	188 – 202 cm
pendix190	190 cm	19	9	210 cm ± 5 cm	198 – 212 cm
pendix200	200 cm	20	9	220 cm ± 5 cm	–
pendix210	210 cm	21	9	230 cm ± 5 cm	–
pendix220	220 cm	22	9	240 cm ± 5 cm	–
pendix230	230 cm	23	9	250 cm ± 5 cm	–
pendix240	240 cm	24	24	260 cm ± 5cm	–
pendix250	250 cm	24	24	270 cm ± 5cm	–
pendix260	260 cm	24	24	280 cm ± 5cm	–
pendix270	270 cm	24	24	290 cm ± 5cm	–
pendix280	280 cm	24	24	300 cm ± 5cm	–
pendix290	290 cm	24	24	310 cm ± 5cm	–
pendix300	300 cm	24	24	320 cm ± 5cm	–



Which daytime® LED system fits over which aquarium?
Manufacturer overview



LED PRO-modules for matrix and pendix®

The daytime® LED PRO modules are available in all light colors and color temperatures relevant to aquaristics. From freshwater biotope to aquascaping to marine aquariums with hard corals (SPS), there are corresponding modules to choose from. Fine tuning is possible by combining different light colors within a matrix or pendix® light.

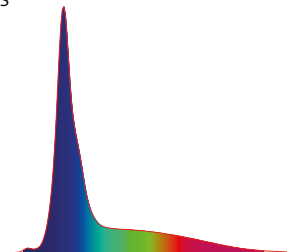
Features

- Modules can be placed at any position using the piercing contact and screw slot
- Crystal-clear, waterproof polyurethane full potting
- Curing using UVC light technology in our own special drying system
- excellent resistance for aquariums – with proven long-term effectiveness! (Seawater, vents, humidity, etc.)
- CNC-milled housing made of solid anodized aluminium
- selected LED chips with a focus on PAR (photosynthetic active radiation) and CRI (color rendering)
- LED chip lifetime approx. 60,000 hours



SunLike-Marine 1:1 "PRO-SLM1:1" 8.000 K + Royal Blue + Blue

- Designed for marine aquariums
- Brilliant white-blue light produces very good fluorescence effects
- 4x original Seoul Semiconductor "SunLike" LED
- 12x full spectrum white light SMD-LED with a chip efficiency of up to 230 lm/W according to the data sheet
- 12x Luxeon Royal Blue LED with a wavelength of 440 – 455 nm
- 4x Blue LED from Luxeon with a wavelength of 470 – 480 nm
- White and blue can be dimmed separately with optionally available daytime® light control
- Balanced mixture of blue and white LEDs -> 1:1
- PAR (photosynthetic active radiation): 4.12 µmol/J (spec.)
- Beam angle: 120°
- Power: 10 watts



CNC-milled housing made of solid anodized aluminium Crystal-clear, waterproof full potting.



The number, position and assembly of the LED modules can be freely determined and carried out by the aquarium owner.



SunLike Marine 3:1 "PRO-SLM3:1"
8.000 K + Royal Blue + Blue

- Designed for marine aquariums
- Brilliant actinic light with an increased blue component creates optimal fluorescence effects
- 2x original Seoul Semiconductor "SunLike" LED
- 6x Full spectrum white light SMD-LED with a chip efficiency of up to 230 lm/W according to data sheet
- 18x Royal Blue LED from Luxeon with a wavelength of 440 – 455 nm
- 6x Blue LED from Luxeon with a wavelength of 470 – 480 nm
- White and blue can be dimmed separately with optionally available daytime® light control
- Mixture of blue and white LEDs -> 3:1
- PAR (photosynthetic active radiation): 3.98 $\mu\text{mol/J}$ (spec.)
- Beam angle: 120°
- Power: 10 watts

LED PRO-MODULES MARINE



Lighting technology tested by:



www.ilumetriX.de

The pictures of the aquariums are original images with daytime LED PRO modules at the Aquascaping Symphony studio. Many thanks to Adrie Baumann!

These shown aquarium photos are for orientation.

The real impression depends on the plants and fish as well as on the chosen modules.

LED PRO-MODULES FRESHWATER

SunLike-Neutral "PRO-SLN"

4.000 – 5.000 K

- Designed for freshwater aquariums
- Neutral full spectrum daylight with a natural color rendering
- Promotes optimal and healthy plant growth
- 4x original Seoul Semiconductor "SunLike" LED
- 20x Full spectrum white light SMD-LED with a chip efficiency of up to 230 lm/W according to the data sheet
- PAR (Photosynthetic Active Radiation): 4.39 $\mu\text{mol/J}$
- Beam angle: 120°
- Power: 7.5 watts

SunLike-Ultra "PRO-SLU"

6.000 – 7.000 K

- Designed for freshwater aquariums
- Brilliant cool full-spectrum white light
- Promotes optimal and healthy plant growth
- 4x original Seoul Semiconductor "SunLike" LED
- 20x Full spectrum white light SMD-LED with a chip efficiency of up to 230 lm/W according to the data sheet
- PAR (photosynthetic active radiation): 4.48 $\mu\text{mol/J}$ (spec.)
- Beam angle: 120°
- Power: 7.5 watts

Light/power
calculator
on our website





SunLike-Color "SLC"
6.000 – 7.000 K + Green + Blue + Red

- Designed for freshwater aquariums
- Full-spectrum white light with a cool tendency with additional blue and red components as well as green "peak" for optimal plant color rendering
- Promotes optimal and healthy plant growth while increasing color brilliance
- White incl. green, blue and red can be dimmed separately with the optionally available daytime® light control
- 2x original Seoul Semiconductor "SunLike" LED
- 12x Full spectrum white light SMD-LED with a chip efficiency of up to 230 lm/W according to the data sheet
- 2x Brilliant Green LED from Luxeon | 520-540 nm
- 4x Royal Blue LED by Luxeon | 440-455nm
- 4x Pure Red LED by Luxeon | 620-630nm
- PAR: 4.45 $\mu\text{mol/J}$ (spec.)
- Beam angle: 120°
- Power: 7.5 watts



SunLike-Fresh "PRO-SLF"
5.000 – 6.000 K + Blue + Red

- Designed for freshwater aquariums
- Full spectrum white light with a neutral tendency in the white area
- Additional, expanded blue and red components for increased color brilliance
- Promotes optimal and healthy plant growth while at the same time increasing the color brilliance
- White, blue and red can be dimmed separately with an optionally available daytime® light control
- 4x original Seoul Semiconductor "SunLike" LED
- 12x Full spectrum white light SMD-LED with a chip efficiency of up to 230 lm/W according to the data sheet
- 8x Royal Blue LED by Luxeon | 440-455nm
- 8x Pure Red LED by Luxeon | 620-630nm
- PAR: 4.45 $\mu\text{mol/J}$ (spec.)
- Beam angle: 120°
- Power: 10 watts



SunLike-Marine 1:1 "PRO-SLM1:1"
8.000 K + Royal Blue + Blue

- Ideal for lighting aquariums with african cichlids from Lake Malawi and Lake Tanganyika
- Brilliant white-blue light produces very good fluorescence effects
- 4x original Seoul Semiconductor "SunLike" LED
- 12x full spectrum white light SMD-LED with a chip efficiency of up to 230 lm/W according to the data sheet
- 12x Luxeon Royal Blue LED with a wavelength of 440 – 455 nm
- 4x Blue LED from Luxeon with a wavelength of 470 – 480 nm
- White and blue can be dimmed separately with optionally available daytime® light control
- Balanced mixture of blue and white LEDs -> 1:1
- PAR (photosynthetic active radiation): 4.12 $\mu\text{mol/J}$ (spec.)
- Beam angle: 120°
- Power: 10 watts



onex®

Aquarium LED system. Slim & Beautiful.

The onex® LED lighting system is especially designed for closed aquariums. The extraordinarily high light quality with an unprecedented compact and filigree design characterizes this series of lights. Like all daytime® lights, this system is potted watertight and crystal clear.



Slim fit design

- Due to the small dimensions, the onex fits under every aquarium cover
- Very elegant design also for open aquariums, e.g. aquascaping tanks
- Profile lengths from 17 – 192 cm (onex20 – onex200)



Latest LED technology

- High quality LED from leading brand manufacturers
- Efficiency > up to 180 lumens per watt
- Lifetime > 60,000 hours
- Beam angle > 120°



Potted waterproof

- Crystal-clear polyurethane potting delivers excellent resistance for aquariums – with proven long-term effectiveness!
- Resistant to air leaks, condensation, ...



Inline Adapter System

- Compact inline adapter set for all-purpose usage, included with each onex®
- The anti-slip mounting rods can be adjusted to fit the width of your tank
- The opposite rod ends are threaded so that they can be secured using the acryl adapter, the insertion/screw-on adapter, etc.

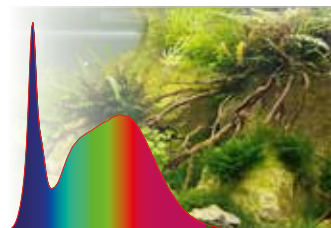


Plug & Play

- Professional connector system IP67 by Binder | Made in Germany
- Highly flexible silicone connecting cable
- Length of connecting cable: 2.0 m



onex® light colors freshwater



Plant | 4000-5000 K

- Neutral white light
- Full spectrum white light LED Seoul Semiconductor | 4000-5000 Kelvin
- PAR (Photosynthetic Active Radiation): 4.50 $\mu\text{mol/J}$
- LED efficiency up to 180 lumens/watt



Fresh | 6000-7000 K

- Cool white light
- Full spectrum white light LED Seoul Semiconductor | 6000-7000 Kelvin
- PAR (Photosynthetic Active Radiation): 4.30 $\mu\text{mol/J}$
- LED efficiency up to 180 lumens/watt



Color | 4000-5000 K + Blue + Red

- Neutral white light with increased blue and red components
- Increased color brilliance
- Full spectrum white light LED 4000-5000 Kelvin
- Royal Blue LED 440-455nm
- Red LED 620-660nm
- PAR (Photosynthetic Active Radiation): 4.26 $\mu\text{mol/J}$
- LED efficiency up to 160 lumens/watt

onex® light colors marine



Marine White | 8000K + Royal Blue

- Brilliant white-blue light
- Very good fluorescence effects
- Ratio of number of blue to white LEDs -> 1:1
- Full spectrum white light LED 8000 Kelvin
- Luxeon Royal Blue LED with a wavelength of 440-455 nm
- PAR (photosynthetic active radiation): 4.12 $\mu\text{mol/J}$
- LED efficiency up to 100 lumens/watt



Marine Blue | Royal Blue 440-455 nm

- Brilliant blue light
- Optimal fluorescence effects
- Luxeon Royal Blue LED with a wavelength of 440-455 nm
- PAR (photosynthetic active radiation): 3.81 $\mu\text{mol/J}$

onex® adapter sets

Various adapter sets are available for installing and positioning the daytime® onex® in, on or above the aquarium.

Should, contrary to expectations, not be a satisfactory solution for your aquarium be found, please contact us. We are happy to implement special solutions - customized!



Universal
adapter set
belongs to
each light



Acryl adapter set

Crystal clear acrylic supports for open aquariums, ideal for aquascaping tanks



Acryl twin adapter set

Crystal clear acrylic supports for open aquariums, ideal for big aquascaping tanks to placing to onex® lights



Acryl nano adapter sets

Crystal clear acrylic glass bows for open aquariums, ideal for aquascaping tanks.



Insertion-screw-on adapter set

For covers with tiered supports, for covers with screw channels (e.g. the STRATOS from Gieseemann), for tanks with inner glass strips



onex® T5/T8 adapter set

For mounting into existing T5 and T8 lamp sockets (tube holder)



onex® wire suspension set

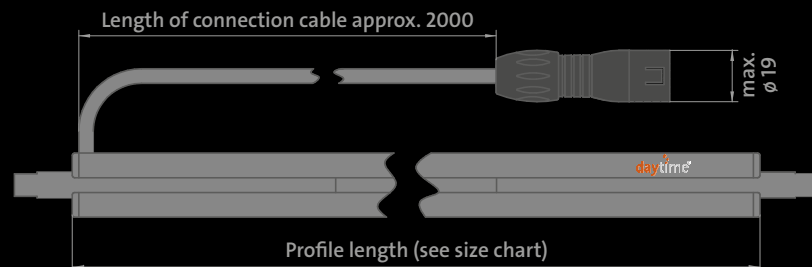
High-quality wire rope suspension made of stainless steel

onex® technical data

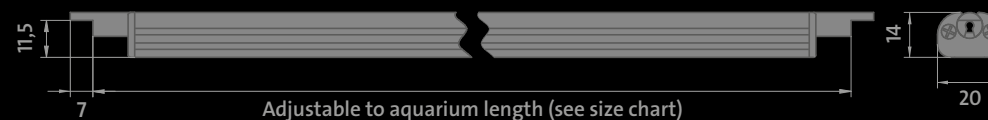


Designation	Length of mounting profile	power	Ideal for Aquarium length	In combination with T5-T8 adapter/ Replacement for fluorescent tube	In combination with acrylic and twin-adapter suitable for aquarium length	In combination with insertion/screw-on adapter suitable for aquarium length
onex20	16,5 cm	4,8 watts	20,0 – 30,0 cm	–	17,5 – 27,5 cm	19,5 – 29,5 cm
onex30	24,0 cm	7,2 watts	26,0 – 36,0 cm	–	25,0 – 35,0 cm	27,0 – 37,0 cm
onex40	32,5 cm	9,6 watts	34,5 – 44,5 cm	438 mm (T8-15W T5-24W)	33,5 – 43,5 cm	35,5 – 45,5 cm
onex50	42,0 cm	12,0 watts	44,0 – 54,0 cm	517+549 mm (T5-13+14+24W)	43,0 – 53,0 cm	45,0 – 55,0 cm
onex60	54,0 cm	16,8 watts	56,0 – 66,0 cm	590 mm (T8-18W T5-28W)	55,0 – 65,0 cm	57,0 – 67,0 cm
onex70	63,5 cm	19,2 watts	65,5 – 75,5 cm	742 mm (T8-25W T5-35W)	64,5 – 74,5 cm	66,5 – 76,5 cm
onex80	72,0 cm	21,6 watts	74,0 – 84,0 cm	849 mm (T5-21+39W)	73,0 – 83,0 cm	75,0 – 85,0 cm
onex90	84,0cm	26,4 watts	86,0 – 96,0 cm	895 mm (T8-30W T5-45W)	85,0 – 95,0 cm	87,0 – 97,0 cm
onex100	93,5 cm	28,8 watts	95,5 – 105,5 cm	1047 mm (T8-38W T5-54W)	94,5 – 104,5 cm	96,5 – 106,5 cm
onex110	102,0 cm	31,2 watts	104,0 – 114,0 cm	1149 mm (T5-28+54W)	103,0 – 113,0 cm	105,0 – 115,0 cm
onex120	114,0 cm	36,0 watts	116,0 – 126,0 cm	1200 mm (T8-36W T5-54W)	115,0 – 125,0 cm	117,0 – 127,0 cm
onex130	123,5 cm	38,4 watts	125,5 – 135,5 cm	–	124,5 – 134,5 cm	126,5 – 136,5 cm
onex140	132,0 cm	40,8 watts	134,0 – 144,0 cm	1449 mm (T5-35+49+80W)	133,0 – 143,0 cm	135,0 – 145,0 cm
onex150	144,0 cm	45,6 watts	146,0 – 156,0 cm	1500 mm (T8-58W)	145,0 – 155,0 cm	147,0 – 157,0 cm
onex160	153,5 cm	48,0 watts	155,5 – 165,5 cm	–	154,5 – 164,5 cm	156,5 – 166,5 cm
onex170	162,0 cm	50,4 watts	164,0 – 174,0 cm	–	163,0 – 173,0 cm	165,0 – 175,0 cm
onex180	174,0 cm	55,2 watts	176,0 – 186,0 cm	–	175,0 – 185,0 cm	177,0 – 187,0 cm
onex190	183,5 cm	57,6 watts	186,0 – 196,0 cm	–	184,5 – 194,5 cm	186,5 – 196,5 cm
onex200	192,0 cm	60,0 watts	194,0 – 204,0 cm	–	193,0 – 203,0 cm	195,0 – 205,0 cm

Which daytime® LED system fits over which aquarium?
Manufacturer overview



All dimensions in mm





Adapter-Profiles for aquariums from JUWEL®

This adapter profile enables you to easily switch to daytime® LED lighting. Remove the light bar (together with the holder bracket) and replace it with the daytime® JUWEL adapter profile.

This profile can be used to hold lighting from the matrix or onex® product lines. The original JUWEL hinged lid can be inserted precisely into the adapter profile.

Quick, easy and safe.



matrix mounted in the adapter profile



onex® mounted in the adapter profile



1. The existing light bar should be removed completely and replaced by the daytime® profile.



2. The adapter-profile is perfectly designed to fit your JUWEL® aquarium. It can be moved when you need to repair or clean your tank.



3. With the daytime® LED-System at its centre, your aquarium will shine in a whole new light.



4. No screwing and no bore holes – everything just fits. The existing original covers can simply be reused.



technical data

Size	Profile length	Basin width	suitable for...	matching matrix or onex®
JU55	534 mm	–	Trigon 350 (back)	50.x
JU60	593 mm	61 cm	Lido 120	60.x
JU70	693 mm	71 cm	Lido 200 Trigon 190	70.x
JU80	793 mm	81 cm	Rio 125	80.x
JU90	903 mm	92 cm	Vision 180	90.x
JU100	993 mm	101 cm	Rio 180 Trigon 350 (front)	100.x
JU120	1192 mm	121 cm	Rio 240 Rio 300 Rio 350 Vision 260	120.x
JU150	1492 mm	151 cm	Rio 400 Rio 450 Vision 450	150.x

Notice

Important: Please be sure to compare our standard profile length with the length of the original light bar that is to be replaced. In the event of deviations, please let us know the desired length in millimeters. The profile is manufactured and delivered according to your specifications.

Tip for pool width > 200 cm

We can manufacture and deliver this adapter profile in any length up to 4.0 m delivered. In this way, the daytime® luminaires can also be elegantly integrated into the "giants" among the aquariums.



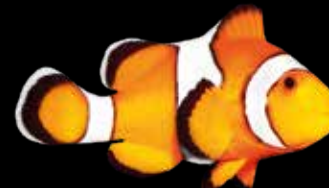
Converter, distributor and adapter cables

The converter is the motor of the lighting. Various power levels between 40 and 240 watts are available for the daytime® LED systems. With the distributors, several LED lights can be supplied simultaneously with one converter.

Make sure that the total capacity of the lighting does not exceed the rated power of the converter being used. The maximum permissible power is 240 watts (regardless of the number of occupied positions). The converter, distributor and LED lighting have plug-in (Plug & Play: PnP) connectors that require no tools to connect them securely.

Customized solutions for your requirements. Please contact us!

Details at
daytime.de





Mean Well 24 V converter
– available nominal output
40/60/90/120/180/240 watts



- Converters are protected low-voltage power supplies, in compliance with DIN EN 61347-2, for operating daytime® LED systems.
- choose the right converter for your light(s)!



2-way matrix distributor

- for connecting and operating two matrix lights with one converter or light controller. Load capacity: max. 240 watts



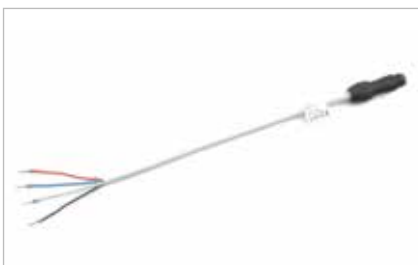
3-way matrix distributor

- for connecting and operating 3 daytime® lights with one converter or one light controller. Load capacity: max. 240 watts



Extension cords

- extends the connection cable of a daytime® light
- available lengths: 1.0 m | 2.0 m



Adapter cable: 5-pin female connector + wire-end ferrules

- for direct connection and operation of a daytime® light to a lighting control system from another manufacturer



Adapter cable: 5-pin male connector + wire-end ferrules

- For directly connecting and operating a light controller from a third-party manufacturer with the daytime® converter (power supply).



Adapter cable Set for EHEIM LEDcontrol+

- Plug & Play adapter set for easily connecting and operating a daytime® LED system with the established lighting control "LEDcontrol+" from the manufacturer EHEIM



Adapter cable Set GHL LEDControl4 V2.00

- Plug & Play adapter set for easily connecting and operating a daytime® LED system with the established ProfiLux aquarium computers from the manufacturer GHL (the GHL LEDControl4 V2.00 is also required!)

Lighting controls for pendix®, matrix & onex®

Simulate natural lighting conditions at day and night with daytime® “plug & play” controls.



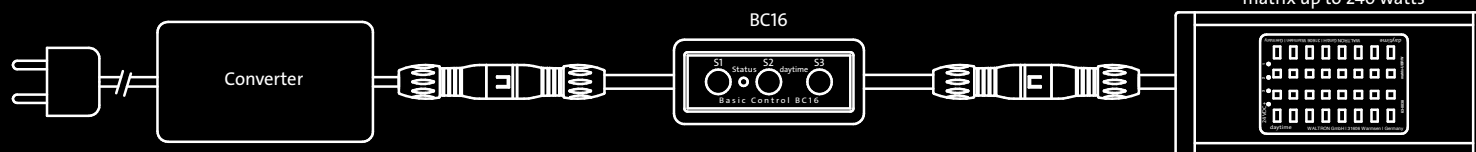
Details on our
website
daytime.de



Basic Control BC16 single channel for matrix

- Sunrise and sunset – simulating natural lighting conditions for day and night
- Adjustable in six steps from 0 to 60 minutes
- Three switching times: day, night, pause
- Easy to operate and program: directly at the device, using three buttons and a status LED
- Separately adjustable brightness level for each day or night light
- Demonstration mode with constantly changing day and night light
- Can be dimmed manually in real time
- Internal 24-hour clock (with about 15 minutes of power reserve)
- Shapely high-end enclosure with comfort control buttons
- Plug & Play – the controller is simply inserted between the converter and the lighting, can also be retrofit!
- Operates the daytime® LED-Systems with up to 240 watts (24 matrix LED modules)
- Outstanding price-performance ratio

Installation sample “Plug & Play“



Smart Control SC20 for pendix®, matrix and onex®

Create natural lighting conditions for day and night with the daytime® Smart Control SC20. Programming and control is easy with your smartphone, tablet or PC. You can easily connect using the WiFi network and any internet browser (e.g. Chrome, Firefox, etc.).

Plug & Play

Professional plug-in system by Binder "Plug & Play" – the control is simply plugged in between the converter and the light without the use of tools, even retrospectively!

Pre-programmed daily routines

In the Service area under Downloads we provide you with some freshwater and marine SETUPS for your SC20. Simply download and import in the SC20 menu "Programming/Expert mode". Of course, you can then adjust these according to your needs.



240 watts

Operation of the daytime® LED systems matrix, pendix® and onex® with up to 240W (24 LED PRO-modules)

Other data

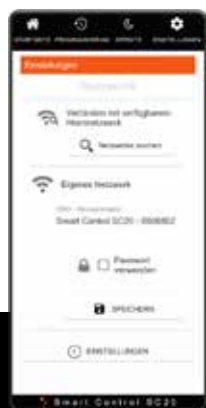
Own power consumption*: < 1 watt,
dimensions: 95 x 90 x 27 mm

* Can be neglected when configuring or selecting the size of the converter due to power reserves



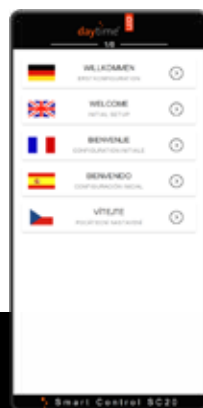
Simulation Natural Lighting

Sunrise, sunset, dusk (morning and evening), midday reduction, etc. – simulating natural lighting conditions and changes, with free programmable dimming times



WLAN | Webbrowser-App

Safe and convenient programming via your smartphone, tablet or PC via WiFi network and e.g. Chrome, Firefox, etc.



Quickstart Setup

With the menu-guided initial configuration, you can start easily and conveniently in 8 steps.



Expert Mode

Create individual daily routines. Dimming duration, brightness and color composition are freely programmable.



Slider

Manual changes in lighting conditions in real time via sliders. Dimming almost without "jumps" over the entire brightness curve.



Demo

Check your programming or show your friends your light settings in time lapse.



Clouds

Random cloud simulation can be set individually.



Moonlight

Let the moon appear like in nature. The moon cycle function makes it possible.



Acclimatization

This function enables new aquarium residents to gently get used to their new home.

backlight

LED background for pool, JUWEL and EHEIM aquariums to create a grandiose background depth effect in the aquarium

Details on
our website
daytime.de



- Extremely easy, tool-free assembly thanks to the ingenious “mounting mechanism” - even at aquariums that are already set up close to the wall
- Delivery includes mounts and power supply

backlight for pool aquariums

Designation Dimensions (w x h)	suitable for	Power
daytime® backlight Pool, w45 x h34cm	z.B. Dennerle Scaping Tank 55l	18 watts
daytime® backlight Pool, w50 x h36cm	z.B. Dennerle Scaping Tank 70l	20 watts
daytime® backlight Pool, w60 x h35cm	z.B. Oase ScaperLine 60	23 watts
daytime® backlight Pool, w60 x h36cm	z.B. ADA Cube Garden 60-P	23 watts
daytime® backlight Pool, w90 x h45cm	z.B. ADA Cube G. 90-P Oase ScaperLine 90	35 watts
daytime® backlight Pool, w100 x h40cm	z.B. Tank 100-P (height 40 cm)	38 watts
daytime® backlight Pool, w100 x h50cm	z.B. Oase ScaperLine 100	38 watts
daytime® backlight Pool, w120 x h50cm	z.B. ADA Cube Garden 120-P	46 watts
daytime® backlight Pool, w150 x h50cm	z.B. Tank 150-P (height 50 cm)	58 watts
daytime® backlight Pool, w150 x h60cm	z.B. ADA Cube Garden 150-P	58 watts

All listed company names, brand names and trademarks are the property of the respective manufacturer and are only used for description and clear identification. The compatible products described here are not original accessories from the respective manufacturers.

backlight accessories



Dimm-Modul backlight Pool-JU-EH



backlight Telescopic stand set



backlight Acrylic edge holder set

backlight for Juwel aquariums

Designation	suitable for*	External dimensions	Power
daytime® backlight JU-LI-120	Lido 120	598 x 458 x 22 mm	23 watts
daytime® backlight JU-LI-200	Lido 200	698 x 523 x 22 mm	27 watts
daytime® backlight JU-RI-125	Rio 125	798 x 386 x 22 mm	31 watts
daytime® backlight JU-RI-180	Rio 180	998 x 381 x 22 mm	38 watts
daytime® backlight JU-RI-240	Rio 240	1198 x 425 x 22 mm	46 watts
daytime® backlight JU-RI-350	Rio 350	1198 x 518 x 22 mm	46 watts
daytime® backlight JU-RI-450	Rio 450	1498 x 543 x 22 mm	58 watts
daytime® backlight JU-VI-180	Vision 180	913 x 421 x 22 mm	35 watts
daytime® backlight JU-VI-260	Vision 260	1198 x 507 x 22 mm	46 watts
daytime® Backlight JU-VI-450	Vision 450	1498 x 498 x 22 mm	58 watts

backlight for EHEIM aquariums

Designation	suitable for*	External dimensions	Power
daytime® backlight EH-VI-126	Vivaline 126	798 x 384 x 22 mm	31 watts
daytime® backlight EH-VI-150	Vivaline 150	598 x 435 x 22 mm	23 watts
daytime® backlight EH-VI-180	Vivaline 180	998 x 384 x 22 mm	38 watts
daytime® backlight EH-VI-240	Vivaline 240	1198 x 434 x 22 mm	46 watts
daytime® backlight EH-PR-175	Proxima 175	698 x 428 x 22 mm	27 watts
daytime® backlight EH-PR-250	Proxima 250	998 x 428 x 22 mm	38 watts
daytime® backlight EH-PR-325	Proxima 325	1298 x 428 x 22 mm	50 watts
daytime® backlight for EHEIM Incipiria on www.daytime.de			

*Dimensions and compatibility checked for the listed aquariums built after 2020. For older models, check the dimensions before purchasing, especially between the bottom frame and the cover.

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