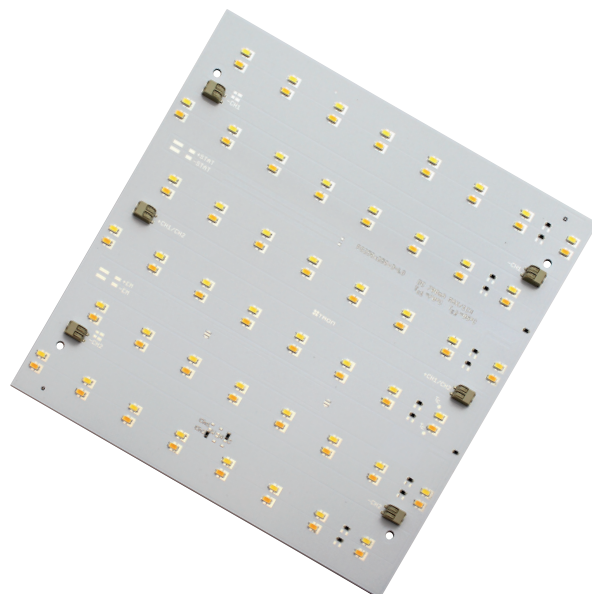


LED MODULE LG 250x250

- LED module designed for tube luminaries
- Zhaga, book 7 standard compatible
- Excellent efficacy – 189 lm/W, CRI up to 90
- Optional - two independent channels in 8Sx6P connection with the common positive terminal enabling high variability of use
- Optional - EMERGENCY and STATUS channel
- LED arrangement ensures uniform light distribution
- CC driving 350–700 mA (max. efficacy)
- Wago 2060 connectors for simple and fast assembly
- Lifetime L70 (30% lumen depreciation) 50.000 hours of operation
- Warranty 5 years



GENERAL PARAMETERS

| dimensions | weight | storage temperature | ambient temp. - Ta | operating temp. - Tc | max. humidity | lifetime L70 |
|--------------|--------|---------------------|--------------------|----------------------|---------------|--------------|
| 250 x 250 mm | 175 g | -40°C ... +85°C | -30°C ... +45°C | max. 70°C | 80% | 50.000 hours |

TECHNICAL PARAMETERS

| driving | no. of channels | current per ch. | flux | voltage | efficacy | power cons. |
|---------|-----------------|-----------------|----------|----------|----------|-------------|
| current | 1 | 350 mA | 1.400 lm | 21,2 VDC | 184 lm/W | 7,6 W |
| | | 700 mA | 2.650 lm | 22,2 VDC | 166 lm/W | 16 W |
| | 2 | 350 mA | 2.800 lm | 21,2 VDC | 184 lm/W | 15,2 W |

Note: Typical values for CRI80, 4000 K, 25 °C (flux and efficacy are 10 % lower for CRI90)

ORDER CODE DESIGN

TRON 250x250-L- ○○○ - ○○○○ - ○

○○○ **first channel**

○○○○ **second channel**

○ **emergency channel**

827 - warm white, 2.700K, CRI80

000 - no second channel

E - yes

830 - warm white, 3.000K, CRI80

827 - warm white, 2.700K, CRI80

0 - no

840 - neutral white, 4.000K, CRI80

830 - warm white, 3.000K, CRI80

865 - cold white, 6.500K, CRI80

840 - neutral white, 4.000K, CRI80

930 - warm white 3.000K, CRI90

865 - cold white, 6.500K, CRI80

940 - neutral white 4.000K, CRI90

930 - warm white 3.000K, CRI90

940 - neutral white 4.000K, CRI90

LED MODULE LG 250x500

- LED module designed for tube luminaries
- Excellent efficacy - 189 lm/W, CRI up to 90
- Optional - two independent channels for high variability of use
- Optional - EMERGENCY and STATUS channel
- LED arrangement ensures uniform light distribution
- CC driving 700–1400 mA (max. efficiency)
- Wago 2060 connectors for simple and fast assembly
- Lifetime L70 (30% lumen depreciation) 50.000 hours of operation
- Warranty 5 years



GENERAL PARAMETERS

| dimensions | weight | storage temperature | ambient temp. - Ta | operating temp. - Tc | max. humidity | lifetime L70 |
|--------------|--------|---------------------|--------------------|----------------------|---------------|--------------|
| 250 x 500 mm | 230 g | -40°C ... +85°C | -30°C ... +45°C | max. 70°C | 80% | 50.000 hours |

TECHNICAL PARAMETERS

| driving | no. of channels | current per ch. | flux | voltage | efficacy | power cons. |
|---------|-----------------|-----------------|----------|----------|----------|-------------|
| current | 1 | 700 mA | 2.100 lm | 16 VDC | 188 lm/W | 11,2 W |
| | | 1.400 mA | 4.000 lm | 16,9 VDC | 169 lm/W | 23,7 W |
| | 2 | 700 mA | 4.200 lm | 16 VDC | 189 lm/W | 22,4 W |

Note: Typical values for CRI80, 4000 K, 25 °C (flux and efficacy are 10 % lower for CRI90)

To simplify installation of the module, additional breakaway mounting rail is on the longer side, which enables installation of the module with just 9 screws.

ORDER CODE DESIGN

TRON 250x500-L-○○○ - ○○○○ - ○

○○○ **first channel**

○○○○ **second channel**

○ **emergency channel**

827 - warm white, 2.700K, CRI80

000 - no second channel

E - yes

830 - warm white, 3.000K, CRI80

827 - warm white, 2.700K, CRI80

0 - no

840 - neutral white, 4.000K, CRI80

830 - warm white, 3.000K, CRI80

865 - cold white, 6.500K, CRI80

840 - neutral white, 4.000K, CRI80

930 - warm white 3.000K, CRI90

865 - cold white, 6.500K, CRI80

940 - neutral white 4.000K, CRI90

930 - warm white 3.000K, CRI90

940 - neutral white 4.000K, CRI90

LED MODULE LG 40x280

- Linear LED module designed for tube luminaires
- Zhaga, Book 7 standard compatible
- Excellent efficacy - 189 lm/W, CRI up to 90
- Optional - two independent channels in 4Sx6P or 8Sx3P connection with the common positive terminal enabling high variability of use
- CC driving 350–700 mA (max. efficacy)
- Wago 2060 connectors for simple and fast assembly
- Lifetime L70 (30% lumen depreciation) 50.000 hours of operation
- Supplied only to order
- Warranty 5 years



GENERAL PARAMETERS

| dimensions | weight | storage temperature | ambient temp. - Ta | operating temp. - Tc | max. humidity | lifetime L70 |
|-------------|--------|---------------------|--------------------|----------------------|---------------|--------------|
| 40 x 280 mm | 40 g | -40°C ... +85°C | -30°C ... +45°C | -30°C ... +70°C | 80% | 50.000 hours |

TECHNICAL PARAMETERS (for 1 channel)

| driving | connection | current per ch. | flux | voltage | efficacy | power cons. |
|---------|------------|-----------------|----------|----------|----------|-------------|
| current | 4S x 6P | 350 mA | 725 lm | 11 VDC | 185 lm/W | 3,85 W |
| | 4S x 6P | 700 mA | 1.345 lm | 11,5 VDC | 167 lm/W | 8,05 W |
| | 8S x 3P | 350 mA | 1.450 lm | 23 VDC | 185 lm/W | 7,7 W |

Note: Typical values for CRI80, 4000 K, 25 °C (flux and efficacy are 10 % lower for CRI90)

Power consumption of the whole module can not exceed 10 W. Variant with 2 channels has max. power consumption 5 W per channel.

ORDER CODE DESIGN

TRON 40x280-L- ○○○ - ○○○ - ○○○○

○○○ **first channel**

○○○ **second channel**

○○○○ **connection**

827 - warm white, 2.700K, CRI80

000 - no second channel

04S6P (4 LED series, 6 parallel)

830 - warm white, 3.000K, CRI80

827 - warm white, 2.700K, CRI80

08S3P (8 LED series, 3 parallel)

840 - neutral white, 4.000K, CRI80

830 - warm white, 3.000K, CRI80

865 - cold white, 6.500K, CRI80

840 - neutral white, 4.000K, CRI80

930 - warm white 3.000K, CRI90

865 - cold white, 6.500K, CRI80

940 - neutral white 4.000K, CRI90

930 - warm white 3.000K, CRI90

940 - neutral white 4.000K, CRI90

LED MODULE LG 40x560

- Linear LED module designed for tube luminaries
- Zhaga, Book 7 standard compatible
- Excellent efficacy - 189 lm/W, CRI up to 90
- Optional - two independent channels in 8Sx6P connection with the common positive terminal enabling high variability of use
- Optional - EMERGENCY and STATUS channel
- CC driving 350–700 mA (max. efficacy)
- Wago 2060 connectors for simple and fast assembly
- Lifetime L70 (30% lumen depreciation) 50.000 hours of operation
- Supplied only to order
- Warranty 5 years



GENERAL PARAMETERS

| dimensions | weight | storage temperature | ambient temp. - Ta | operating temp. - Tc | max. humidity | lifetime L70 |
|-------------|--------|---------------------|--------------------|----------------------|---------------|--------------|
| 40 x 560 mm | 80 g | -40°C ... +85°C | -30°C ... +45°C | -30°C ... +70°C | 80% | 50.000 hours |

TECHNICAL PARAMETERS

| driving | connection | current per ch. | flux | voltage | efficacy | power cons. |
|---------|------------|-----------------|----------|----------|----------|-------------|
| current | 4S x 6P | 350 mA | 1.450lm | 11 VDC | 185 lm/W | 7,7 W |
| | | 700 mA | 2.690 lm | 11,5 VDC | 167 lm/W | 16,1 W |
| | 8S x 3P | 350 mA | 2.900 lm | 22 VDC | 185 lm/W | 15,4 W |

Note: Typical values for CRI80, 4000 K, 25 °C (flux and efficacy are 10 % lower for CRI90)

Power consumption of the whole module can not exceed 10 W. Variant with 2 channels has max. power consumption 5 W per channel.

ORDER CODE DESIGN

TRON 40x560-L- ○○○ - ○○○○ - ○

○○○ **first channel**

○○○○ **second channel**

○ **emergency channel**

827 - warm white, 2.700K, CRI80

000 - no second channel

E - yes

830 - warm white, 3.000K, CRI80

827 - warm white, 2.700K, CRI80

0 - no

840 - neutral white, 4.000K, CRI80

830 - warm white, 3.000K, CRI80

865 - cold white, 6.500K, CRI80

840 - neutral white, 4.000K, CRI80

930 - warm white 3.000K, CRI90

865 - cold white, 6.500K, CRI80

940 - neutral white 4.000K, CRI90

930 - warm white 3.000K, CRI90

940 - neutral white 4.000K, CRI90

LED MODULE LG 20x280-24

- Linear LED module designed for tube luminaries
- Zhaga, book 7 standard compatible
- Excellent efficacy - 184 lm/W, CRI up to 90
- Current driving
- 8Sx3P, 12Sx2P or 24Sx1P connection
- Designed for both parallel and series connection, can be combined with 20x560-48 LG LED module
- WAGO 2060 connectors for simple and fast assembly
- Lifetime L70 (30% lumen depreciation) 50.000 hours of operation
- Warranty 5 years
- Optional - variant with LED LEMWS38



Illustrative photo

GENERAL PARAMETERS

| dimensions | weight | storage temperature | ambient temp. - Ta | operating temp. - Tc | max. humidity | lifetime L70 |
|-------------|--------|---------------------|--------------------|----------------------|---------------|--------------|
| 20 x 280 mm | 10 g | -40°C ... +85°C | -30°C ... +45°C | -30°C ... +70°C | 80% | 50.000 hours |

TECHNICAL PARAMETERS (LED LEMWS59 - 5630)

| module type | connection | current per ch. | flux | voltage | efficacy | power cons. |
|----------------|------------|-----------------|----------|---------|----------|-------------|
| PS-20x280-24LG | 8S x 3P | 195 mA | 775 lm | 22,1 V | 180 lm/W | 4,3 W |
| | | 390 mA | 1.500 lm | 23,2 V | 166 lm/W | 9,1 W |
| | 12S x 2P | 130 mA | 775 lm | 33,1 V | 180 lm/W | 4,3 W |
| | | 260 mA | 1.500 lm | 34,8 V | 166 lm/W | 9,1 W |
| | 24S x 1P | 65 mA | 775 lm | 66,2 V | 180 lm/W | 4,3 W |
| | | 130 mA | 1.500 lm | 69,6 V | 166 lm/W | 9,1 W |

Note: Typical values for CRI80, 4000 K, 25 °C (flux and efficacy are 10 % lower for CRI90)

ORDER CODE DESIGN

TRON 20x280-24- ○ - ○○○○ - ○○○○

○ LED

○○○ first channel

○○○○○ connection

E (LED3528 - LEMWS38)

827 - warm white, 2.700K, CRI80

08S3P (8 LED series, 3 parallel)

H (LED5630 - LEMWS59)

830 - warm white, 3.000K, CRI80

12S2P (12 LED series, 2 parallel)

840 - neutral white, 4.000K, CRI80

24S1P (24 LED series, 1 parallel)

865 - cold white, 6.500K, CRI80

930 - warm white 3.000K, CRI90

940 - neutral white 4.000K, CRI90

LED MODULE LG 20x280-36

- Linear LED module designed for tube luminaries
- Zhaga, Book 7 standard compatible
- Excellent efficacy - 189 lm/W, CRI up to 90
- Current driving
- 12Sx3P, 18Sx2P or 36Sx1P connection
- Designed for both parallel and series connection, can be combined with 20x650-72 LG LED modules
- WAGO 2060 connectors for simple and fast assembly
- Lifetime L70 (30% lumen depreciation) 50.000 hours of operation
- Warranty 5 years
- Optional - variant with LED LEMWS38



Illustrative photo

GENERAL PARAMETERS

| dimensions | weight | storage temperature | ambient temp. - Ta | operating temp. - Tc | max. humidity | lifetime L70 |
|-------------|--------|---------------------|--------------------|----------------------|---------------|--------------|
| 20 x 280 mm | 10 g | -40°C ... +85°C | -30°C ... +45°C | -30°C ... +70°C | 80% | 50.000 hours |

TECHNICAL PARAMETERS (LED LEMWS59 - 5630)

| module type | connection | current per ch. | flux | voltage | efficacy | power cons. |
|----------------|------------|-----------------|----------|---------|----------|-------------|
| PS-20x280-36LG | 12S x 3P | 195 mA | 1.775 lm | 33,1 V | 182 lm/W | 6,5 W |
| | | 390 mA | 2.250 lm | 34,8 V | 166 lm/W | 13,5 W |
| | 18S x 2P | 130 mA | 1.775 lm | 49,7 V | 182 lm/W | 6,5 W |
| | | 260 mA | 2.250 lm | 52,2 V | 166 lm/W | 13,5 W |
| | 36S x 1P | 65 mA | 1.775 lm | 99,4 V | 182 lm/W | 6,5 W |
| | | 130 mA | 2.250 lm | 104 V | 166 lm/W | 13,5 W |

Note: Typical values for CRI80, 4000 K, 25 °C (flux and efficacy are 10 % lower for CRI90)

ORDER CODE DESIGN

TRON 20x280-36- ○ - ○○○○ - ○○○○

| ○ LED | ○○○ first channel | ○○○○○ connection |
|-----------------------|------------------------------------|-----------------------------------|
| E (LED3528 - LEMWS38) | 827 - warm white, 2.700K, CRI80 | 12S3P (12 LED series, 3 parallel) |
| H (LED5630 - LEMWS59) | 830 - warm white, 3.000K, CRI80 | 18S2P (18 LED series, 2 parallel) |
| | 840 - neutral white, 4.000K, CRI80 | 36S1P (36 LED series, 1 parallel) |
| | 865 - cold white, 6.500K, CRI80 | |
| | 930 - warm white 3.000K, CRI90 | |
| | 940 - neutral white 4.000K, CRI90 | |

LED MODULE LG 20x560-48

- Linear LED module designed for tube luminaries
- Zhaga, Book 7 standard compatible
- Excellent efficacy - 184 lm/W, CRI up to 90
- Current driving
- 8Sx6P, 12Sx4P, 16Sx3P, 24Sx2P or 48Sx1P LED connection
- Designed for both parallel and series connection, can be combined with 20x280-24 LG LED modules
- WAGO 2060 connectors for simple and fast assembly
- Lifetime L70 50.000 hours of operation
- Warranty 5 years
- Optional - variant with LED LEMWS38



GENERAL PARAMETERS

| dimensions | weight | storage temperature | ambient temp. - Ta | operating temp. - Tc | max. humidity | lifetime L70 |
|-------------|--------|---------------------|--------------------|----------------------|---------------|--------------|
| 20 x 560 mm | 20 g | -40°C ... +85°C | -30°C ... +45°C | -30°C ... +70°C | 80% | 50.000 hours |

TECHNICAL PARAMETERS (LED LEMWS59 - 5630)

| module type | connection | current per ch. | flux | voltage | efficacy | power cons. |
|----------------|------------|-----------------|----------|---------|----------|-------------|
| PS-20x560-48LG | 8S x 6P | 390 mA | 1.550 lm | 22,1 V | 180 lm/W | 8,6 W |
| | | 780 mA | 3.000 lm | 23,2 V | 166 lm/W | 18,1 W |
| | 12S x 4P | 260 mA | 1.550 lm | 33,1 V | 180 lm/W | 8,6 W |
| | | 520 mA | 3.000 lm | 34,8 V | 166 lm/W | 18,1 W |
| | 16S x 3P | 195 mA | 1.550 lm | 44,2 V | 180 lm/W | 8,6 W |
| | | 390 mA | 3.000 lm | 46,4 V | 166 lm/W | 18,1 W |
| | 24S x 2P | 130 mA | 1.550 lm | 66,2 V | 180 lm/W | 8,6 W |
| | | 260 mA | 3.000 lm | 69,6 V | 166 lm/W | 18,1 W |
| | 48S x 1P | 65 mA | 1.550 lm | 132 V | 180 lm/W | 8,6 W |
| | | 130 mA | 3.000 lm | 139 V | 166 lm/W | 18,1 W |

Note: Typical values for CRI80, 4000 K, 25 °C (flux and efficacy are 10 % lower for CRI90)

ORDER CODE DESIGN

TRON 20x560-48- ○ - ○○○○ - ○○○○

| ○ LED | ○○○ first channel | ○○○○○ connection |
|-----------------------|------------------------------------|-----------------------------------|
| E (LED3528 - LEMWS38) | 827 - warm white, 2.700K, CRI80 | 08S6P (8 LED series, 6 parallel) |
| H (LED5630 - LEMWS59) | 830 - warm white, 3.000K, CRI80 | 12S4P (12 LED series, 4 parallel) |
| | 840 - neutral white, 4.000K, CRI80 | 16S3P (16 LED series, 3 parallel) |
| | 865 - cold white, 6.500K, CRI80 | 24S2P (24 LED series, 2 parallel) |
| | 930 - warm white 3.000K, CRI90 | 48S1P (48 LED series, 1 parallel) |
| | 940 - neutral white 4.000K, CRI90 | |

LED MODULE LG 20x560-72

- Linear LED module designed for tube luminaries
- Zhaga, Book 7 standard compatible
- Excellent efficacy - 189 lm/W, CRI up to 90
- Current driving
- 12Sx6P, 18Sx4P, 24Sx3P, 36Sx2P or 72Sx1P connection
- Designed for both parallel and series connection; can be combined with 20x280-36 LG LED modules
- WAGO 2060 connectors for simple and fast assembly
- Lifetime L70 50.000 hours of operation
- Warranty 5 years
- Optional - variant with LED LEMWS38



Illustrative photo

GENERAL PARAMETERS

| dimensions | weight | storage temperature | ambient temp. - Ta | operating temp. - Tc | max. humidity | lifetime L70 |
|-------------|--------|---------------------|--------------------|----------------------|---------------|--------------|
| 20 x 560 mm | 20 g | -40°C ... +85°C | -30°C ... +45°C | -30°C ... +70°C | 80% | 50.000 hours |

TECHNICAL PARAMETERS (LED LEMWS59 - 5630)

| module type | connection | current per ch. | flux | voltage | efficacy | power cons. |
|----------------|------------|-----------------|----------|---------|----------|-------------|
| PS-20x560-72LG | 12S x 6P | 390 mA | 2.350 lm | 33,1 V | 182 lm/W | 12,9 W |
| | | 780 mA | 4.500 lm | 34,8 V | 166 lm/W | 27,1 W |
| | 18S x 4P | 260 mA | 2.350 lm | 49,7 V | 182 lm/W | 12,9 W |
| | | 520 mA | 4.500 lm | 52,2 V | 166 lm/W | 27,1 W |
| | 24S x 3P | 195 mA | 2.350 lm | 66,2 V | 182 lm/W | 12,9 W |
| | | 390 mA | 4.500 lm | 69,6 V | 166 lm/W | 27,1 W |
| | 36S x 2P | 130 mA | 2.350 lm | 99,4 V | 182 lm/W | 12,9 W |
| | | 260 mA | 4.500 lm | 104 V | 166 lm/W | 27,1 W |
| | 72S x 1P | 65 mA | 2.350 lm | 198 V | 182 lm/W | 12,9 W |
| | | 130 mA | 4.500 lm | 209 V | 166 lm/W | 27,1 W |

Note: Typical values for CRI80, 4000 K, 25 °C (flux and efficacy are 10 % lower for CRI90)

ORDER CODE DESIGN

TRON 20x560-72- ○ - ○○○○ - ○○○○

| ○ LED | ○○○ first channel | ○○○○ connection |
|-----------------------|------------------------------------|-----------------------------------|
| E (LED3528 - LEMWS38) | 827 - warm white, 2.700K, CRI80 | 12S6P (12 LED series, 6 parallel) |
| H (LED5630 - LEMWS59) | 830 - warm white, 3.000K, CRI80 | 18S4P (18 LED series, 4 parallel) |
| | 840 - neutral white, 4.000K, CRI80 | 24S3P (24 LED series, 3 parallel) |
| | 865 - cold white, 6.500K, CRI80 | 36S2P (36 LED series, 2 parallel) |
| | 930 - warm white 3.000K, CRI90 | 72S1P (72 LED series, 1 parallel) |
| | 940 - neutral white 4.000K, CRI90 | |

LED MODULE LG 24x280

- Linear LED module designed for tube luminaries
- Zhaga, Book 7 standard compatible
- Excellent efficacy - 189 lm/W, CRI up to 90
- Current driving
- Optional - 1 or 2 independent channels
- 8Sx3P or 24Sx1P connection
- Designed for both parallel and series connection, can be combined with 24x560 LG modules
- WAGO 2060 connectors for simple and fast assembly
- Lifetime L70 (30% lumen depreciation) 50.000 hours of operation
- Optional - variant with LED LEMWS38



Illustrative photo

GENERAL PARAMETERS

| dimensions | weight | storage temperature | ambient temp. - Ta | operating temp. - Tc | max. humidity | lifetime L70 |
|-------------|--------|---------------------|--------------------|----------------------|---------------|--------------|
| 24 x 280 mm | 11 g | -40°C ... +85°C | -30°C ... +45°C | -30°C ... +70°C | 80% | 50.000 hours |

TECHNICAL PARAMETERS (for 1 channel, LED LEMWS59 - 5630)

| module type | connection | current per ch. | flux | voltage | efficacy | power cons. |
|--------------|------------|-----------------|----------|---------|----------|-------------|
| PS-24x280-LG | 8S x 3P | 195 mA | 785 lm | 22 V | 182 lm/W | 4,3 W |
| | | 390 mA | 1.503 lm | 23,2 V | 166 lm/W | 8,6 W |
| | 24S x 1P | 65 mA | 785 lm | 66 V | 182 lm/W | 4,3 W |
| | | 130 mA | 1.503 lm | 69,6 V | 166 lm/W | 8,6 W |

Note: Typical values for CRI80, 4000 K, 25 °C (flux and efficacy are 10 % lower for CRI90)

Power consumption of the whole module can not exceed 9,7 W. Variant with 2 channels has max. power consumption 4,9 W per channel.

ORDER CODE DESIGN

TRON 24x280- ○ - ○○○○ - ○○○○ - ○○○○

| ○ LED | ○○○ first channel | ○○○ second channel | ○○○○○ connection |
|--------------|------------------------------------|------------------------------------|-----------------------------------|
| E (LED 3528) | 827 - warm white, 2.700K, CRI80 | 000 - no second channel | 08S3P (8 LED series, 3 parallel) |
| H (LED 5630) | 830 - warm white, 3.000K, CRI80 | 827 - warm white, 2.700K, CRI80 | 24S1P (24 LED series, 1 parallel) |
| | 840 - neutral white, 4.000K, CRI80 | 830 - warm white, 3.000K, CRI80 | |
| | 865 - cold white, 6.500K, CRI80 | 840 - neutral white, 4.000K, CRI80 | |
| | 930 - warm white 3.000K, CRI90 | 865 - cold white, 6.500K, CRI80 | |
| | 940 - neutral white 4.000K, CRI90 | 930 - warm white 3.000K, CRI90 | |
| | | 940 - neutral white 4.000K, CRI90 | |

LED MODULE LG 24x560

- Linear LED module designed for tube luminaries
- Zhaga, Book 7 standard compatible
- Excellent efficacy - 189 lm/W, CRI up to 90
- Current driving
- Optional – 1 or 2 independent channels
- 8Sx6P, 16Sx3P, 24Sx2P or 48Sx1P connection
- Designed for both parallel and series connection, can be combined with 24x280 LG modules
- WAGO 2060 connectors for simple and fast assembly
- Lifetime L70 (30% lumen depreciation) 50.000 hours of operation
- Optional - variant with LED LEMWS38



GENERAL PARAMETERS

| dimensions | weight | storage temperature | ambient temp. - Ta | operating temp. - Tc | max. humidity | lifetime L70 |
|-------------|--------|---------------------|--------------------|----------------------|---------------|--------------|
| 24 x 560 mm | 20 g | -40°C ... +85°C | -30°C ... +45°C | -30°C ... +70°C | 80% | 50.000 hours |

TECHNICAL PARAMETERS (for 1 channel, LED LEMWS59 - 5630)

| module type | connection | current per ch. | flux | voltage | efficacy | power cons. |
|--------------|------------|-----------------|----------|---------|----------|-------------|
| PS-24x560-LG | 8S x 6P | 390 mA | 1.570 lm | 22 V | 182 lm/W | 8,6 W |
| | | 780 mA | 3.006 lm | 23,2 V | 166 lm/W | 17,2 W |
| | 16S x 3P | 195 mA | 785 lm | 44 V | 182 lm/W | 8,6 W |
| | | 390 mA | 1.503 lm | 46,4 V | 166 lm/W | 17,2 W |
| | 24S x 2P | 130 mA | 1.570 lm | 66 V | 182 lm/W | 8,6 W |
| | | 260 mA | 3.006 lm | 69,6 V | 166 lm/W | 17,2 W |
| | 48S x 1P | 65 mA | 1.570 lm | 132 V | 182 lm/W | 8,6 W |
| | | 130 mA | 3.006 lm | 139,2 V | 166 lm/W | 17,2 W |

Note: Typical values for CRI80, 4000 K, 25 °C (flux and efficacy are 10 % lower for CRI90)

Power consumption of the whole module can not exceed 20 W. Variant with 2 channels has max. power consumption 10 W per channel.

ORDER CODE DESIGN

TRON 24x560- ○ - ○○○○ - ○○○○ - ○○○○

| ○ LED | ○○○ first channel | ○○○ second channel | ○○○○○ connection |
|--------------|------------------------------------|------------------------------------|-----------------------------------|
| E (LED 3528) | 827 - warm white, 2.700K, CRI80 | 000 - no second channel | 08S6P (8 LED series, 6 parallel) |
| H (LED 5630) | 830 - warm white, 3.000K, CRI80 | 827 - warm white, 2.700K, CRI80 | 16S3P (16 LED series, 3 parallel) |
| | 840 - neutral white, 4.000K, CRI80 | 830 - warm white, 3.000K, CRI80 | 24S2P (24 LED series, 2 parallel) |
| | 865 - cold white, 6.500K, CRI80 | 840 - neutral white, 4.000K, CRI80 | 48S1P (48 LED series, 1 parallel) |
| | 930 - warm white 3.000K, CRI90 | 865 - cold white, 6.500K, CRI80 | |
| | 940 - neutral white 4.000K, CRI90 | 930 - warm white 3.000K, CRI90 | |
| | | 940 - neutral white 4.000K, CRI90 | |