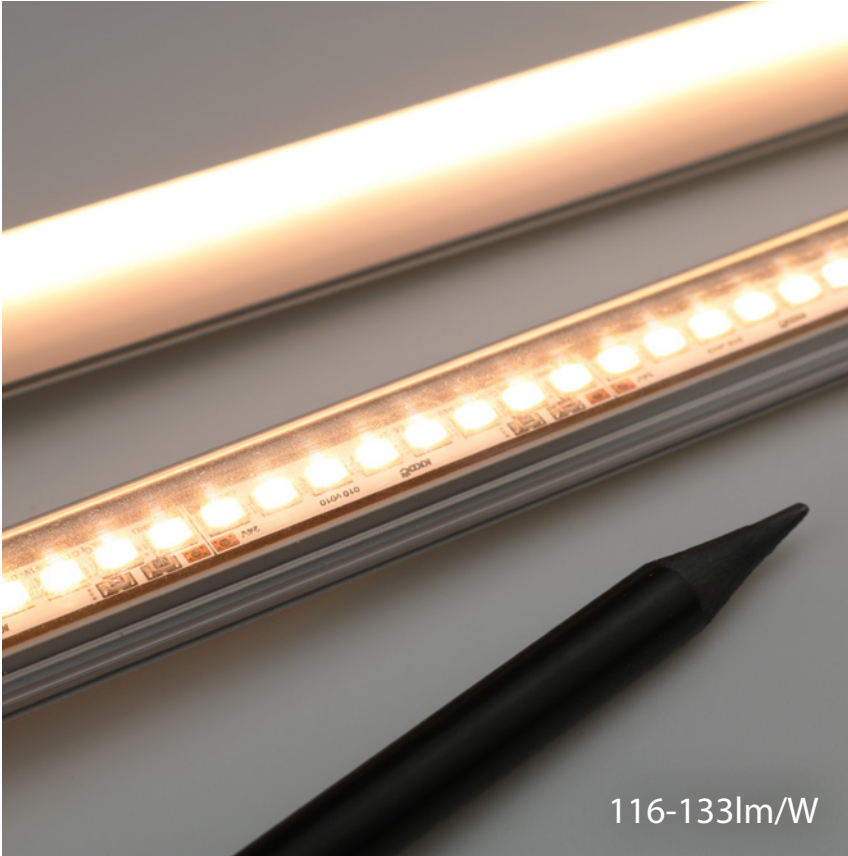


Linear

TIMI-C A010 (10W) Fixture Guide

KKDÖ

Indoor | Surface | Output up to 1330lm/m (405lm/ft)

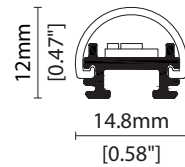


Key applications

- ✓ Architectural detail
- ✓ Backlighting & signage
- ✓ Cabinet & furniture
- ✓ Cove lighting
- ✓ Display case
- ✓ Hand rail
- ✓ Indirect lighting
- ✓ Interior
- ✓ Mirror back lighting
- ✓ Retail display
- ✓ Shelving display

Key features

- ✓ A-line (High Efficacy)
- ✓ Adjustable
- ✓ Custom lengths
- ✓ Cutable (IP20)
- ✓ Constant Voltage (CV)
- ✓ Diffusion: homogenous
- ✓ High lumen efficacy
- ✓ IP20 dry area



MOUNTING METHODS



TCFC-01 Clear plastic clip



TCMS-01 Magnetic fixing set

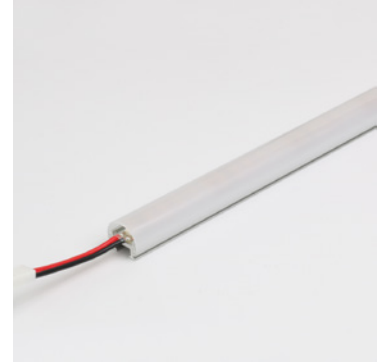
Linear

TIMI-C A010 (10W)

Specification sheet



| | |
|-----------------------|--|
| Dimensions | H12.1/W14.8/L77-2000mm (H0.48/W0.58/L3.03-78.74in) |
| PCB Cut-point | 38.46mm increment/2000mm max (1.51in increment/78.74in max) |
| LED Pitch | 4.8mm - 208LED/m (0.19in - 64LED/ft) |
| Chip | A-line |
| Cover/Optics | Clear (110°) / Diffused (125°) |
| CCT | A-line: 2700K/3000K/4000K |
| LED binning | A-line: 3-step MacAdam ellipse |
| CRI | ≥94 |
| Lifetime | 50,000 hours @ 25°C (50,000 hours @ 77°F) |
| Operating temp | T _a = -25 to 50°C (T _c max = 71.1°C) T _a = -13 to 122°F (T _c max = 160°F) |
| IP Rating | IP20 |
| Finish | Silver anodised |
| Mounting | Surface mounting via clips or magnets |
| Power feed | Hardwire tails or male/female connectors |
| Control | 0-10V/1-10V/DMX/DALI |



LED Grading Key

Exclusive Grade *KKDC tuned CCT range
A-line* 3-step CCT range
 KKDC highest lumen efficacy LED

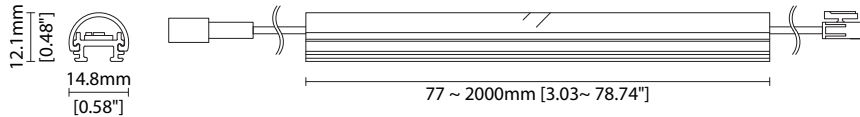
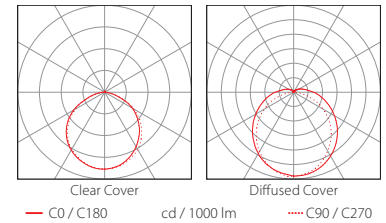
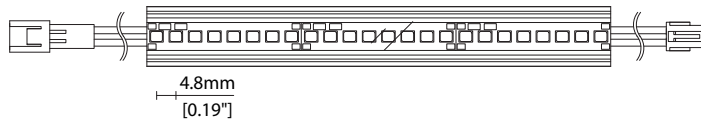
| | | |
|--------------------------|-----------------------|-----------------------|
| Power consumption | Supply voltage | Supply current |
| 10W/m (3.05W/ft) | 24V DC | 0.42A/m (0.13A/ft) |

Performance Data (3000K)

| | | | | | | | | | | | | | | |
|---------------|----|----|----|----|----|----|----|----|----|-----|-----|-----|-----|-----|
| | R1 | R2 | R3 | R4 | R5 | R6 | R7 | R8 | R9 | R10 | R11 | R12 | R13 | R14 |
| A-line | 94 | 98 | 99 | 93 | 94 | 97 | 92 | 83 | 62 | 94 | 94 | 78 | 96 | 100 |

| | | | | | | |
|---------------|--------------------------------|--------------------------------|------------|-----------|-----------|-----------|
| | Clear Cover | Diffused Cover | CRI | R9 | Rf | Rg |
| A-line | 1330lm/m (405lm/ft) 133lm/w | 1160lm/m (353lm/ft) 116lm/w | 94 | 62 | - | - |

Male/Female connector



Data derived from independent UKAS/IESNA LM-79-08 accredited testing of production samples.

Linear

TIMI-C A010 (10W)

Code Table



FIXTURE

| Model | Finish | Cover/Lens ¹ | Grade ² | LED | Colour (CCT) | Length Availability ³ | IP | Cable Length | Power Feed ⁴ | Input | | |
|--------|--------|-------------------------|-----------------------|------|--------------|----------------------------------|----------------------------------|--|-------------------------|--|--|----------|
| TIMI-C | TC | Silver Anodised SA | Clear B Diffused C | A- A | A010 | 010 | 2700K 27 3000K 30 4000K 40 | m 77-2000mm 38.5mm increments i 3.03-78.74in 1.51in increments (Specify length code OR total run length) | IP20 20 | 50mm (1.97in) 0050 300mm (11.81in) 0300 | Single no sheath tail S00X Double no sheath tail D00X Single no sheath IP20 connector S20X Double no sheath IP20 connector D20X | DC 24V g |

¹ Refer to **Cover/Lens Options** on **Options** pages ² Refer to **LED Grading Key** on **Specification sheet** page ³ Refer to **Length Availability List** or enter total run length instead of length code

⁴ Refer to **Power Feed Options** on **Options** pages

Code Example:

| | | | | | | | | | | | | | | | | | | | | | | | | |
|--------|---|-----------------|---|-------|---|----|---|------|---|-------|---|-------|---|------|---|---------------|---|---------------------------------|---|--------|---|------|---|---|
| TC | - | SA | - | B | - | A- | - | A | - | 010 | - | 30 | - | m | - | 500 | - | 20 | - | 0050 | - | D20X | - | g |
| TIMI-C | | Silver Anodised | | Clear | | A- | | A010 | | 3000K | | 500mm | | IP20 | | 50mm (1.97in) | | Double no sheath IP20 connector | | DC 24V | | | | |

ACCESSORIES

Mounting Accessories

| | |
|---------|---------------------|
| TFCF-01 | Clip |
| TCMS-01 | Magnetic Fixing Set |

* Refer to **Mounting accessories** on **Accessories** pages

Connection Accessories

| | |
|---------|--|
| KKCN-01 | 2 PIN male & female 50mm (1.97in) pair |
| KKCN-03 | 2 PIN male & female 300mm (11.81in) pair |
| KKCN-06 | 2 PIN 300mm (11.81in) extension lead |

* Refer to **Power feed** on **Accessories** pages

PSU/Driver

0-10V/1-10V/DALI/DMX

* Refer to **Driver/PSU Options** page for details or provide requirement and KKDC to offer the suitable option

LED ENGINE VARIANTS (LED STRIP TYPE)

| Colour | LED | Lumen/m | Lumen/ft | W/m | W/ft | Spec Doc | Length | Increment |
|------------------------|-------------|-------------|------------|-------------|-------------|--------------------|---------------------------------|-------------------------|
| Single CCT | R007 | 697 | 213 | 7 | 2.13 | TIMI-C R007 | 83-2000mm (3.26-78.74in) | 41.7mm (1.64in) |
| | A010 | 1330 | 405 | 10.0 | 3.05 | TIMI-C A010 | 77-2000mm (3.03-78.74in) | 38.46mm (1.51in) |
| Warm Dim/Dynamic White | R014 | 1410 | 430 | 14 | 4.27 | TIMI-C R014 | 83-2000mm (3.26-78.74in) | 41.7mm (1.64in) |
| | R020 | 1844 | 562 | 20 | 6.10 | TIMI-C R020 | 83-2000mm (3.26-78.74in) | 41.7mm (1.64in) |
| | A020 | 2660 | 810 | 20.0 | 6.10 | TIMI-C A020 | 77-2000mm (3.03-78.74in) | 38.46mm (1.51in) |
| | R207 | 1459 | 445 | 16 | 4.88 | TIMI-C R207 | 83-2000mm (3.26-78.74in) | 41.7mm (1.64in) |

* Performance data: A/s-line, clear cover, 3000K

Linear

TIMI-C A010 (10W)

Length Availability List



| Length Code | | Fixture Length ¹ | | LED Strip ² | | End Cap Dimension | | Wattage (W) | Output (lm) |
|-------------|--------------|-----------------------------|--------------|------------------------|--------------|-------------------|--------------|-------------|----------------------|
| Metric | Imperial(US) | Metric | Imperial(US) | Metric | Imperial(US) | Metric | Imperial(US) | | 3000K (Test Data) |
| m0077 | i0003 | 77mm | 3.03in | 77mm | 3.03in | N/A | N/A | 0.77 | 102 |
| m0115 | i0005 | 115mm | 4.54in | 115mm | 4.54in | N/A | N/A | 1.15 | 153 |
| m0154 | i0006 | 154mm | 6.06in | 154mm | 6.06in | N/A | N/A | 1.54 | 205 |
| m0192 | i0008 | 192mm | 7.57in | 192mm | 7.57in | N/A | N/A | 1.92 | 256 |
| m0231 | i0009 | 231mm | 9.09in | 231mm | 9.09in | N/A | N/A | 2.31 | 307 |
| m0269 | i0011 | 269mm | 10.60in | 269mm | 10.60in | N/A | N/A | 2.69 | 358 |
| m0308 | i0012 | 308mm | 12.11in | 308mm | 12.11in | N/A | N/A | 3.08 | 409 |
| m0346 | i0014 | 346mm | 13.63in | 346mm | 13.63in | N/A | N/A | 3.46 | 460 |
| m0385 | i0015 | 385mm | 15.14in | 385mm | 15.14in | N/A | N/A | 3.85 | 512 |
| m0423 | i0017 | 423mm | 16.66in | 423mm | 16.66in | N/A | N/A | 4.23 | 563 |
| m0462 | i0018 | 462mm | 18.17in | 462mm | 18.17in | N/A | N/A | 4.62 | 614 |
| m0500 | i0020 | 500mm | 19.69in | 500mm | 19.69in | N/A | N/A | 5.00 | 665 |
| m0538 | i0021 | 538mm | 21.20in | 538mm | 21.20in | N/A | N/A | 5.38 | 716 |
| m0577 | i0023 | 577mm | 22.71in | 577mm | 22.71in | N/A | N/A | 5.77 | 767 |
| m0615 | i0024 | 615mm | 24.23in | 615mm | 24.23in | N/A | N/A | 6.15 | 818 |
| m0654 | i0026 | 654mm | 25.74in | 654mm | 25.74in | N/A | N/A | 6.54 | 870 |
| m0692 | i0027 | 692mm | 27.26in | 692mm | 27.26in | N/A | N/A | 6.92 | 921 |
| m0731 | i0029 | 731mm | 28.77in | 731mm | 28.77in | N/A | N/A | 7.31 | 972 |
| m0769 | i0030 | 769mm | 30.28in | 769mm | 30.28in | N/A | N/A | 7.69 | 1023 |
| m0808 | i0032 | 808mm | 31.80in | 808mm | 31.80in | N/A | N/A | 8.08 | 1074 |
| m0846 | i0033 | 846mm | 33.31in | 846mm | 33.31in | N/A | N/A | 8.46 | 1125 |
| m0885 | i0035 | 885mm | 34.83in | 885mm | 34.83in | N/A | N/A | 8.85 | 1177 |
| m0923 | i0036 | 923mm | 36.34in | 923mm | 36.34in | N/A | N/A | 9.23 | 1228 |
| m0962 | i0038 | 962mm | 37.86in | 962mm | 37.86in | N/A | N/A | 9.62 | 1279 |
| m1000 | i0039 | 1000mm | 39.37in | 1000mm | 39.37in | N/A | N/A | 10.00 | 1330 |
| m1038 | i0041 | 1038mm | 40.88in | 1038mm | 40.88in | N/A | N/A | 10.38 | 1381 |
| m1077 | i0042 | 1077mm | 42.40in | 1077mm | 42.40in | N/A | N/A | 10.77 | 1432 |
| m1115 | i0044 | 1115mm | 43.91in | 1115mm | 43.91in | N/A | N/A | 11.15 | 1483 |
| m1154 | i0045 | 1154mm | 45.43in | 1154mm | 45.43in | N/A | N/A | 11.54 | 1535 |
| m1192 | i0047 | 1192mm | 46.94in | 1192mm | 46.94in | N/A | N/A | 11.92 | 1586 |
| m1231 | i0048 | 1231mm | 48.46in | 1231mm | 48.46in | N/A | N/A | 12.31 | 1637 |
| m1269 | i0050 | 1269mm | 49.97in | 1269mm | 49.97in | N/A | N/A | 12.69 | 1688 |
| m1308 | i0051 | 1308mm | 51.48in | 1308mm | 51.48in | N/A | N/A | 13.08 | 1739 |
| m1346 | i0053 | 1346mm | 53.00in | 1346mm | 53.00in | N/A | N/A | 13.46 | 1790 |
| m1385 | i0055 | 1385mm | 54.51in | 1385mm | 54.51in | N/A | N/A | 13.85 | 1842 |
| m1423 | i0056 | 1423mm | 56.03in | 1423mm | 56.03in | N/A | N/A | 14.23 | 1893 |
| m1462 | i0058 | 1462mm | 57.54in | 1462mm | 57.54in | N/A | N/A | 14.62 | 1944 |
| m1500 | i0059 | 1500mm | 59.06in | 1500mm | 59.06in | N/A | N/A | 15.00 | 1995 |
| m1538 | i0061 | 1538mm | 60.57in | 1538mm | 60.57in | N/A | N/A | 15.38 | 2046 |
| m1577 | i0062 | 1577mm | 62.08in | 1577mm | 62.08in | N/A | N/A | 15.77 | 2097 |
| m1615 | i0064 | 1615mm | 63.60in | 1615mm | 63.60in | N/A | N/A | 16.15 | 2148 |
| m1654 | i0065 | 1654mm | 65.11in | 1654mm | 65.11in | N/A | N/A | 16.54 | 2200 |
| m1692 | i0067 | 1692mm | 66.63in | 1692mm | 66.63in | N/A | N/A | 16.92 | 2251 |

Linear

TIMI-C A010 (10W)

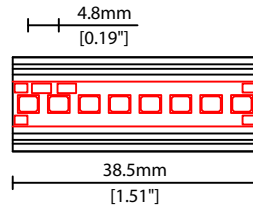
Length Availability List



| Length Code | | Fixture Length ¹ | | LED Strip ² | | End Cap Dimension | | Wattage (W) | Output (lm) |
|-------------|--------------|-----------------------------|--------------|------------------------|--------------|-------------------|--------------|-------------|----------------------|
| Metric | Imperial(US) | Metric | Imperial(US) | Metric | Imperial(US) | Metric | Imperial(US) | | 3000K (Test Data) |
| m1731 | i0068 | 1731mm | 68.14in | 1731mm | 68.14in | N/A | N/A | 17.31 | 2302 |
| m1769 | i0070 | 1769mm | 69.65in | 1769mm | 69.65in | N/A | N/A | 17.69 | 2353 |
| m1808 | i0071 | 1808mm | 71.17in | 1808mm | 71.17in | N/A | N/A | 18.08 | 2404 |
| m1846 | i0073 | 1846mm | 72.68in | 1846mm | 72.68in | N/A | N/A | 18.46 | 2455 |
| m1885 | i0074 | 1885mm | 74.20in | 1885mm | 74.20in | N/A | N/A | 18.85 | 2507 |
| m1923 | i0076 | 1923mm | 75.71in | 1923mm | 75.71in | N/A | N/A | 19.23 | 2558 |
| m1962 | i0077 | 1962mm | 77.23in | 1962mm | 77.23in | N/A | N/A | 19.62 | 2609 |
| m2000 | i0079 | 2000mm | 78.74in | 2000mm | 78.74in | N/A | N/A | 20.00 | 2660 |

¹ Actual total overall length of light fixture (LED strip + end caps + void/wire hole)

² Actual length of PCB strip



Linear

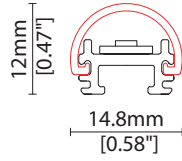
TIMI-C A010 (10W)

Options

KKDC

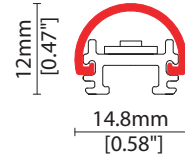
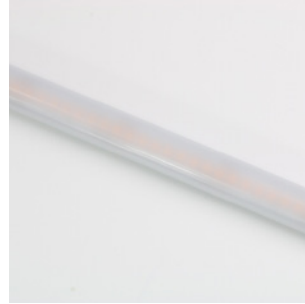
COVER OPTIONS

* Options are an integral part of the fixture ordering codes. Please refer to **Code Table** pages.



B Clear cover

W14.8/H12mm (W0.58/H0.47")



C Diffused cover

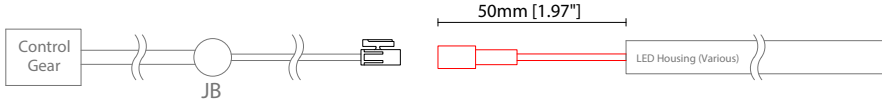
Polycarbonate finish

W14.8/H12mm (W0.58/H0.47")

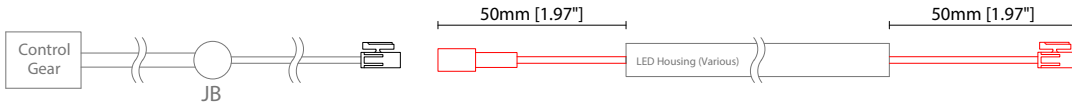
POWER FEED OPTIONS

* Options are an integral part of the fixture ordering codes. Please refer to **Code Table** pages.

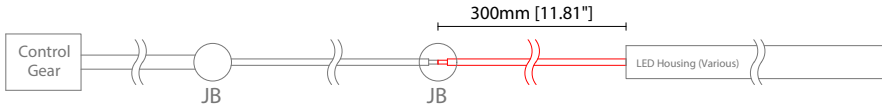
0050 S20X 50mm (1.97") Single no sheath IP20 connector



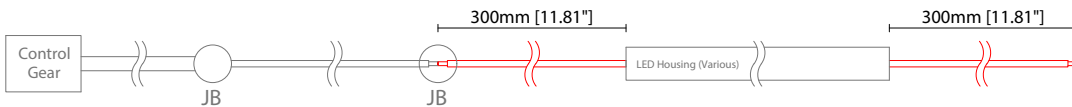
0050 D20X 50mm (1.97") Double no sheath IP20 connector



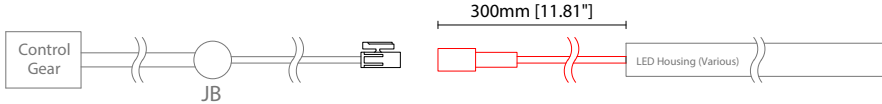
0300 S00X 300mm (11.81") Single no sheath tail



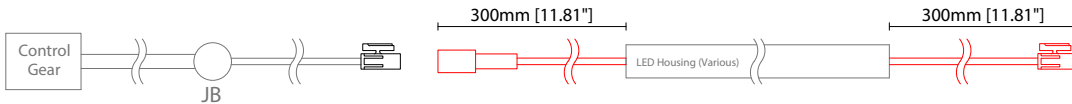
0300 D00X 300mm (11.81") Double no sheath tail



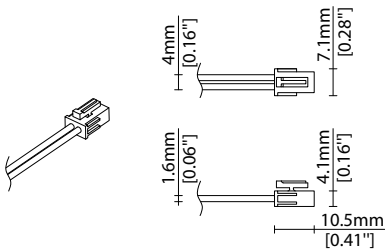
0300 S20X 300mm (11.81") Single no sheath IP20 connector



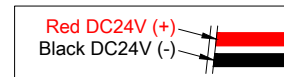
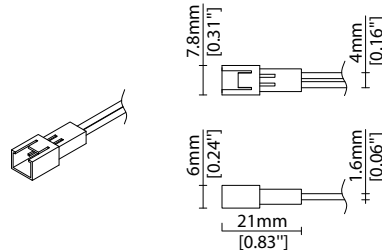
0300 D20X 300mm (11.81") Double no sheath IP20 connector



2 Pin Female Connector



2 Pin Male Connector



Key

Control Gear Power supply, sub-controllers & control systems

JB Junction box / cable connection

Linear

TIMI-C A010 (10W) Accessories

KKDC

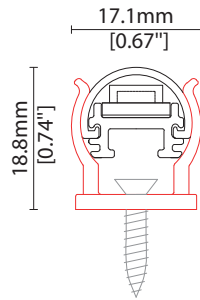
MOUNTING ACCESSORIES

Note: Accessories are to be ordered separately with corresponding code shown below.



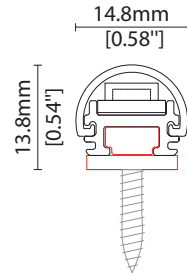
TCFC-01

Clip (allow 4 per Metre/39.4in)
Clear plastic finish
L20/W17.1/H18.8mm
(0.79/W0.67/H0.74")

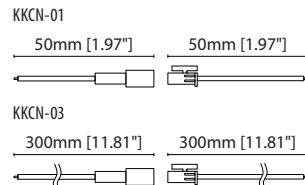
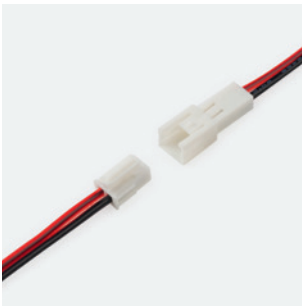


TCMS-01

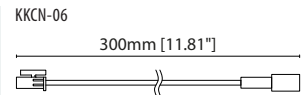
Magnet fixing set
(allow 4 per Metre/39.4in)
Aluminium/Steel finish
L30/W14.8/H13.8mm
(L1.18/W0.58/H0.54")



POWER FEED



KKCN-01 50mm (1.97in) pair
KKCN-03 300mm (11.81in) pair
2 PIN male + female connector set



KKCN-06
2 PIN 300mm (11.81in) extension lead

KKDC CONTROL



IP20
Plastic housing
L170/W59/H29mm
(L6.69/W2.32/H1.14in)

KKDM-06 1-10V
visDIM dimmable sub-controller
(4 x 8A max @ 12-36V)



IP20
Plastic housing
L170/W53.4/H28mm
(L6.69/W2.10/H1.10in)

KKSC-05 DMX
visDIM dimmable sub-controller
(4 x 5A max @ 12-36V)

Linear

TIMI-C A010 (10W)

Accessories

KKDC

KKDC CONTROL (CONTINUED)



IP20
Plastic housing
L170/W59/H29mm
(L6.69/W2.32/H1.14in)

KKDL-02 DALI

visDIM dimmable sub-controller
(4 x 8A max @ 12-36V)



IP20
Plastic housing
L166/W53.4/H23mm
(L6.54/W2.10/H0.91in)

KKDL-03 DALI

visDIM dimmable sub-controller
(4 x 5A max @ 12-36V)

AVAILABLE PSU OPTIONS

| Control Mode | PSU (Order Code) | Input Voltage AC | Output Voltage DC | Rated Output Current | Rated Power | Dim % | IP Rating |
|---------------|------------------|------------------|-------------------|----------------------|-------------|-------------------|-----------|
| Switched | CEN-60-24 | 90-295V | 24V | 2.5A | 60W | - | IP67 |
| | HLG-60H-24 | 90-305V | 24V | 2.5A | 60W | - | IP67 |
| | HLG-100H-24 | 90-305V | 24V | 4.0A | 100W | - | IP67 |
| | HLG-150H-24 | 90-305V | 24V | 6.3A | 150W | - | IP67 |
| | HLG-240H-24 | 90-305V | 24V | 10A | 240W | - | IP67 |
| 0-10V (1-10V) | PWM-40-24 | 90-305V | 24V | 1.67A | 40W | 100-0.15 (100-10) | IP67 |
| | PWM-60-24 | 90-305V | 24V | 2.5A | 60W | 100-0.15 (100-10) | IP67 |
| | PWM-90-24 | 90-305V | 24V | 3.67A | 90W | 100-0.15 (100-10) | IP67 |
| | PWM-120-24 | 90-305V | 24V | 5.0A | 120W | 100-0.15 (100-10) | IP67 |
| DALI | LIN100A1 | 120-277V | 24V | 1A per channel | 100W | 100-0.1 | IP66/IP40 |
| DMX RGB | LIN100A1 | 120-277V | 24V | 1.33A per channel | 100W | 100-0.1 | IP66/IP40 |
| DMX RGBW | LIN100A1 | 120-277A | 24V | 1A per channel | 100W | 100-0.1 | IP66/IP40 |

Flicker Free Options - Combination of PSU+ sub-controller

| Control Mode | PSU (Order Code) | Sub-controller (Order Code) | Input Voltage AC | Output Voltage DC | Rated Output Current | Rated Power | Dim % | IP Rating PSU/ Sub-controller |
|----------------|------------------|-----------------------------|------------------|-------------------|----------------------|-------------|---------|-------------------------------|
| 0-10V or 1-10V | CEN-60-24 | KKDM-06 | 90-295V | 24V | 2.5A | 60W | 100-0.9 | IP67/IP20 |
| | HLG-60H-24 | KKDM-06 | 90-295V | 24V | 2.5A | 60W | 100-0.9 | IP67/IP20 |
| | HLG-100H-24 | KKDM-06 | 90-295V | 24V | 4.0A | 100W | 100-0.9 | IP67/IP20 |
| | HLG-150H-24 | KKDM-06 | 90-295V | 24V | 6.3A | 150W | 100-0.9 | IP67/IP20 |
| | HLG-240H-24 | KKDM-06 | 90-295V | 24V | 10.0A | 240W | 100-0.9 | IP67/IP20 |
| DALI | CEN-60-24 | KKDL-02/03 | 90-295V | 24V | 2.5A | 60W | 100-0.1 | IP67/IP20 |
| | HLG-60H-24 | KKDL-02/03 | 90-305V | 24V | 2.5A | 60W | 100-0.1 | IP67/IP20 |
| | HLG-100H-24 | KKDL-02/03 | 90-305V | 24V | 4.0A | 100W | 100-0.1 | IP67/IP20 |
| | HLG-150H-24 | KKDL-02/03 | 90-305V | 24V | 6.3A | 150W | 100-0.1 | IP67/IP20 |
| | HLG-240H-24 | KKDL-02/03 | 90-305V | 24V | 10.0A | 240W | 100-0.1 | IP67/IP20 |
| DMX RGB | CEN-60-24 | KKSC-05 | 90-295V | 24V | 2.5A | 60W | 100-0.9 | IP67/IP20 |
| | HLG-60H-24 | KKSC-05 | 90-305V | 24V | 2.5A | 60W | 100-0.9 | IP67/IP20 |
| | HLG-100H-24 | KKSC-05 | 90-305V | 24V | 4A | 100W | 100-0.9 | IP67/IP20 |
| | HLG-150H-24 | KKSC-05 | 90-305V | 24V | 6.3A | 150W | 100-0.9 | IP67/IP20 |
| | HLG-240H-24 | KKSC-05 | 90-305V | 24V | 10.0A | 240W | 100-0.9 | IP67/IP20 |

¹ The items shown above cover the most frequently used specification but does not exhaust the possible options

² PSU and/or driver can be chosen from the table, or KKDC may recommend the best option upon receipt of the controls requirement and installation environment

³ Electrical shop drawing will include detailed information of PSU and relevant control drivers

⁴ Cut sheets are available on the controls section of www.kkdc.lighting or upon request