

Linear

LiNi Glow 007

Fixture Guide

KKDÖ

Indoor | Surface | Tight pitch output up to 550lm/m (167lm/ft)

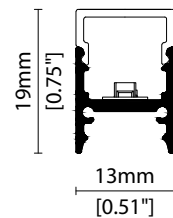


Key applications

- ✓ Architectural detail
- ✓ Cabinet/Furniture
- ✓ Cove lighting
- ✓ Display case
- ✓ Indirect lighting
- ✓ Interior
- ✓ Mirror back lighting
- ✓ Shelving display
- ✓ Under bench
- ✓ Under cabinet

Key features

- ✓ Custom lengths
- ✓ Diffusion: Spotting
- ✓ Extensive CCT range
- ✓ Form factor: Small
- ✓ IP40
- ✓ Output low



MOUNTING METHODS



KKCP-10 Concealed clip



Side cable exit end cap (included)

Linear

LiNi Glow 007

Specification sheet



| | | |
|-----------------------|--|---|
| Dimension | H19/W13/L97.4-2014mm (H0.75/W0.51/L3.83-79.29in) | |
| PCB increment | 41.7mm increment/2000mm max (1.64in increment/78.74in max) | |
| LED pitch | 6.9mm - 144LED/m (0.27in - 44LED/ft) | |
| Chip | s/e-line | Toyoda Gosei |
| | k-line | Toyoda Gosei or Equivalent |
| Beam angle | 134° | |
| Colours | s/e-line | 1900K/2100K/2300K/2500K/2700K/3000K/3500K/4000K/5000K |
| | s-line | Single colours: Red/Green/Blue/Orange/Amber |
| | k-line | 1900K/2100K/2300K/2500K/2700K/3000K/3500K/4000K/5000K |
| Bin/Step | s-line | 2-step MacAdam ellipse |
| | e/k-line | 3-step MacAdam ellipse |
| CRI | ≥ 90 | |
| Lifetime | 50,000 hours @ 25°C (50,000 hours @ 77°F) | |
| Operating temp | T _a = -25 to 55°C (T _c max = 73°C) T _a = -13 to 131°F (T _c max = 163.4°F) | |
| IP rating | IP40 | |
| Finish | Silver anodised | |
| Cover/lens | Diffused | |
| Mounting | Surface mounting via concealed clips | |
| Power feed | Hardwire tails or male/female connectors | |
| Control | 0-10V/1-10V/DMX/DALI | |



LED Grading Key

Exclusive Grade

s-line*
2-step CCT range

*KKDC tuned
CCT range

e-line*
3-step CCT range

Base Grade

k-line
3-step commercial range
Energy Star CCTs

PERFORMANCE DATA @ 3000K

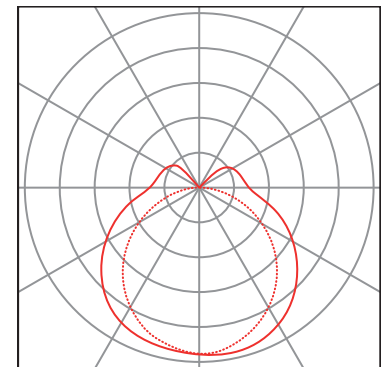
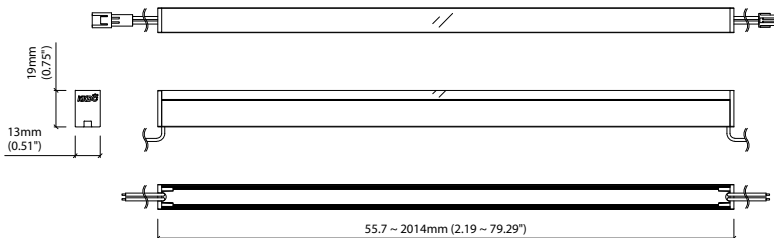
| Power consumption | Supply voltage | Supply current |
|--------------------|----------------|--------------------|
| 10.9W/m (3.32W/ft) | 24V DC | 0.45A/m (0.14A/ft) |

Colour Rendering Index (CRI)

| | R1 | R2 | R3 | R4 | R5 | R6 | R7 | R8 | R9 | R10 | R11 | R12 | R13 | R14 |
|---------------|----|----|----|----|----|----|----|----|----|-----|-----|-----|-----|-----|
| k-line | 94 | 97 | 98 | 93 | 93 | 96 | 92 | 83 | 60 | 93 | 94 | 82 | 95 | 99 |

Diffused Cover

| | | CRI | R9 | Rf | Rg |
|-----------------|--------------------------------|-----|----|----|----|
| s/e-line | 550lm/m (167lm/ft) 50.2lm/W | 93 | 63 | - | - |
| k-line | 540lm/m (165lm/ft) 49.5lm/W | 92 | 60 | - | - |



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

Linear

LiNi Glow 007

Length Availability List



| Length Code | | Fixture Length ¹ | | LED Strip ² | | End Cap Dimension ³ | | Wattage (W) | Output (lm) | |
|-------------|--------------|-----------------------------|--------------|------------------------|--------------|--------------------------------|--------------|-------------|----------------------|------------|
| Metric | Imperial(US) | Metric | Imperial(US) | Metric | Imperial(US) | Metric | Imperial(US) | | 3000K (Test Data) | Range Data |
| m0056 | i0002 | 56mm | 2.19in | 42mm | 1.64in | 4mm | 0.16in | 0.45 | 22 | 16-23 |
| m0097 | i0004 | 97mm | 3.83in | 83mm | 3.28in | 4mm | 0.16in | 0.91 | 45 | 32-47 |
| m0139 | i0005 | 139mm | 5.47in | 125mm | 4.92in | 4mm | 0.16in | 1.36 | 67 | 48-70 |
| m0181 | i0007 | 181mm | 7.11in | 167mm | 6.56in | 4mm | 0.16in | 1.82 | 90 | 64-94 |
| m0222 | i0009 | 222mm | 8.75in | 208mm | 8.20in | 4mm | 0.16in | 2.27 | 112 | 80-117 |
| m0264 | i0010 | 264mm | 10.39in | 250mm | 9.84in | 4mm | 0.16in | 2.73 | 135 | 95-140 |
| m0306 | i0012 | 306mm | 12.04in | 292mm | 11.48in | 4mm | 0.16in | 3.18 | 157 | 111-164 |
| m0347 | i0014 | 347mm | 13.68in | 333mm | 13.12in | 4mm | 0.16in | 3.63 | 180 | 127-187 |
| m0389 | i0015 | 389mm | 15.32in | 375mm | 14.76in | 4mm | 0.16in | 4.09 | 202 | 143-210 |
| m0431 | i0017 | 431mm | 16.96in | 417mm | 16.41in | 4mm | 0.16in | 4.54 | 225 | 159-234 |
| m0472 | i0019 | 472mm | 18.60in | 458mm | 18.05in | 4mm | 0.16in | 5.00 | 247 | 175-257 |
| m0514 | i0020 | 514mm | 20.24in | 500mm | 19.69in | 4mm | 0.16in | 5.45 | 270 | 191-281 |
| m0556 | i0022 | 556mm | 21.88in | 542mm | 21.33in | 4mm | 0.16in | 5.90 | 292 | 207-304 |
| m0597 | i0024 | 597mm | 23.52in | 583mm | 22.97in | 4mm | 0.16in | 6.36 | 315 | 223-327 |
| m0639 | i0025 | 639mm | 25.16in | 625mm | 24.61in | 4mm | 0.16in | 6.81 | 337 | 239-351 |
| m0681 | i0027 | 681mm | 26.80in | 667mm | 26.25in | 4mm | 0.16in | 7.27 | 360 | 255-374 |
| m0722 | i0028 | 722mm | 28.44in | 708mm | 27.89in | 4mm | 0.16in | 7.72 | 382 | 271-397 |
| m0764 | i0030 | 764mm | 30.08in | 750mm | 29.53in | 4mm | 0.16in | 8.18 | 405 | 286-421 |
| m0806 | i0032 | 806mm | 31.72in | 792mm | 31.17in | 4mm | 0.16in | 8.63 | 427 | 302-444 |
| m0847 | i0033 | 847mm | 33.36in | 833mm | 32.81in | 4mm | 0.16in | 9.08 | 450 | 318-468 |
| m0889 | i0035 | 889mm | 35.00in | 875mm | 34.45in | 4mm | 0.16in | 9.54 | 472 | 334-491 |
| m0931 | i0037 | 931mm | 36.64in | 917mm | 36.09in | 4mm | 0.16in | 9.99 | 495 | 350-514 |
| m0972 | i0038 | 972mm | 38.28in | 958mm | 37.73in | 4mm | 0.16in | 10.45 | 517 | 366-538 |
| m1014 | i0040 | 1014mm | 39.92in | 1000mm | 39.37in | 4mm | 0.16in | 10.90 | 540 | 382-561 |
| m1056 | i0042 | 1056mm | 41.56in | 1042mm | 41.01in | 4mm | 0.16in | 11.35 | 562 | 398-585 |
| m1097 | i0043 | 1097mm | 43.21in | 1083mm | 42.65in | 4mm | 0.16in | 11.81 | 585 | 414-608 |
| m1139 | i0045 | 1139mm | 44.85in | 1125mm | 44.29in | 4mm | 0.16in | 12.26 | 607 | 430-631 |
| m1181 | i0046 | 1181mm | 46.49in | 1167mm | 45.94in | 4mm | 0.16in | 12.72 | 629 | 446-655 |
| m1222 | i0048 | 1222mm | 48.13in | 1208mm | 47.58in | 4mm | 0.16in | 13.17 | 652 | 462-678 |
| m1264 | i0050 | 1264mm | 49.77in | 1250mm | 49.22in | 4mm | 0.16in | 13.63 | 674 | 477-701 |
| m1306 | i0051 | 1306mm | 51.41in | 1292mm | 50.86in | 4mm | 0.16in | 14.08 | 697 | 493-725 |
| m1347 | i0053 | 1347mm | 53.05in | 1333mm | 52.50in | 4mm | 0.16in | 14.53 | 719 | 509-748 |
| m1389 | i0055 | 1389mm | 54.69in | 1375mm | 54.14in | 4mm | 0.16in | 14.99 | 742 | 525-772 |
| m1431 | i0056 | 1431mm | 56.33in | 1417mm | 55.78in | 4mm | 0.16in | 15.44 | 764 | 541-795 |
| m1472 | i0058 | 1472mm | 57.97in | 1458mm | 57.42in | 4mm | 0.16in | 15.90 | 787 | 557-818 |
| m1514 | i0060 | 1514mm | 59.61in | 1500mm | 59.06in | 4mm | 0.16in | 16.35 | 809 | 573-842 |
| m1556 | i0061 | 1556mm | 61.25in | 1542mm | 60.70in | 4mm | 0.16in | 16.80 | 832 | 589-865 |
| m1597 | i0063 | 1597mm | 62.89in | 1583mm | 62.34in | 4mm | 0.16in | 17.26 | 854 | 605-888 |
| m1639 | i0065 | 1639mm | 64.53in | 1625mm | 63.98in | 4mm | 0.16in | 17.71 | 877 | 621-912 |
| m1681 | i0066 | 1681mm | 66.17in | 1667mm | 65.62in | 4mm | 0.16in | 18.17 | 899 | 637-935 |
| m1722 | i0068 | 1722mm | 67.81in | 1708mm | 67.26in | 4mm | 0.16in | 18.62 | 922 | 652-959 |
| m1764 | i0069 | 1764mm | 69.45in | 1750mm | 68.90in | 4mm | 0.16in | 19.08 | 944 | 668-982 |
| m1806 | i0071 | 1806mm | 71.09in | 1792mm | 70.54in | 4mm | 0.16in | 19.53 | 967 | 684-1005 |

LiNi Glow 007

Length Availability List

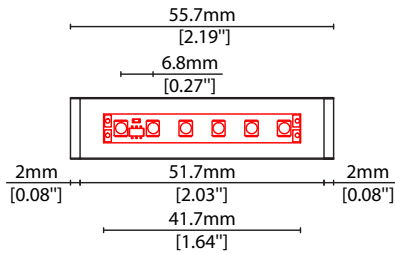


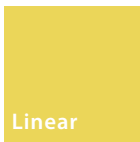
| Length Code | | Fixture Length ¹ | | LED Strip ² | | End Cap Dimension ³ | | Wattage (W) | Output (lm) | |
|-------------|--------------|-----------------------------|--------------|------------------------|--------------|--------------------------------|--------------|-------------|-------------------|------------|
| Metric | Imperial(US) | Metric | Imperial(US) | Metric | Imperial(US) | Metric | Imperial(US) | | 3000K (Test Data) | Range Data |
| m1847 | i0073 | 1847mm | 72.74in | 1833mm | 72.18in | 4mm | 0.16in | 19.98 | 989 | 700-1029 |
| m1889 | i0074 | 1889mm | 74.38in | 1875mm | 73.82in | 4mm | 0.16in | 20.44 | 1012 | 716-1052 |
| m1931 | i0076 | 1931mm | 76.02in | 1917mm | 75.47in | 4mm | 0.16in | 20.89 | 1034 | 732-1076 |
| m1972 | i0078 | 1972mm | 77.66in | 1958mm | 77.11in | 4mm | 0.16in | 21.35 | 1057 | 748-1099 |
| m2014 | i0079 | 2014mm | 79.30in | 2000mm | 78.75in | 4mm | 0.16in | 21.80 | 1079 | 764-1122 |

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

² Actual length of PCB strip

³ Actual length of 2x end caps



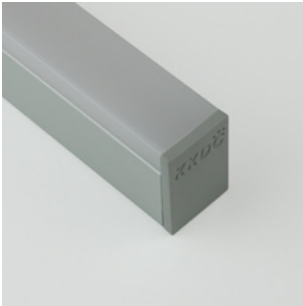


LiNi Glow 007 Options

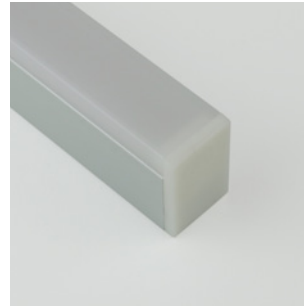


END CAP OPTIONS

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

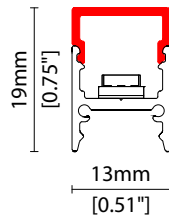
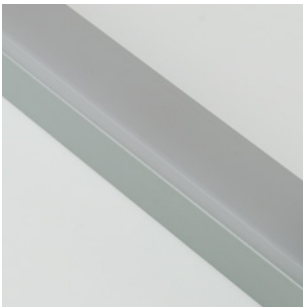


SA Silver anodised finish
with grey end caps.
W13/H19mm (W0.51/H0.75")



SAWE Silver anodised finish
with white end caps.
W13/H19mm (W0.51/H0.75")

COVER/LENS OPTION

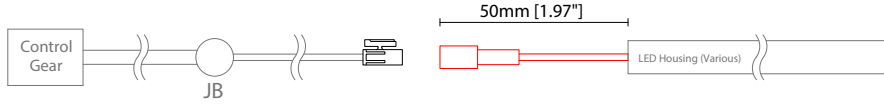


0 Diffused U Cover
W13/H19mm (W0.51/H0.75")

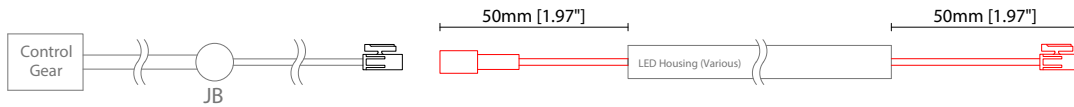
POWER FEED OPTIONS

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

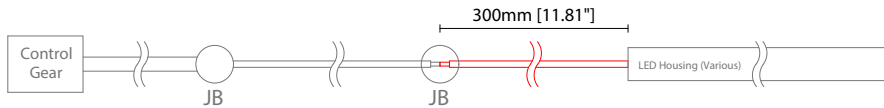
0050 S20X 50mm (1.97") Single no sheath IP20 connector



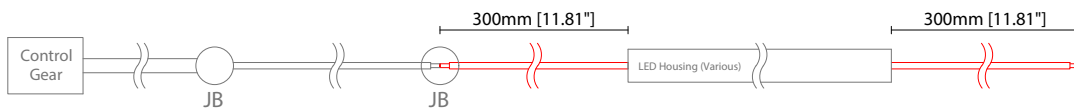
0050 D20X 50mm (1.97") Double no sheath IP20 connector



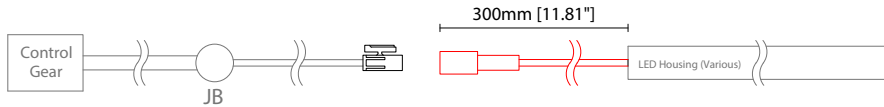
0300 S00X 300mm (11.81") Single no sheath tail



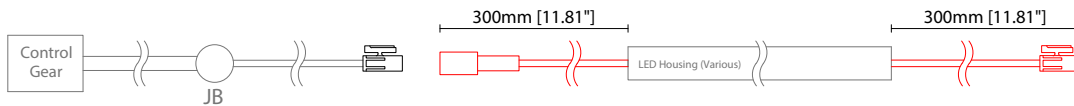
0300 D00X 300mm (11.81") Double no sheath tail



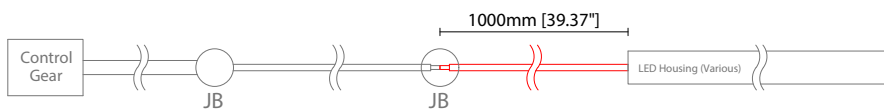
0300 S20X 300mm (11.81") Single no sheath IP20 connector



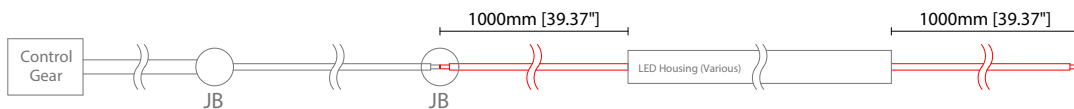
0300 D20X 300mm (11.81") Double no sheath IP20 connector



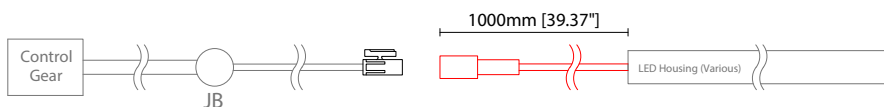
1000 S00X 1000mm (39.37") Single no sheath tail



1000 D00X 1000mm (39.37") Double no sheath tail



1000 S20X 1000mm (39.37") Single no sheath IP20 connector



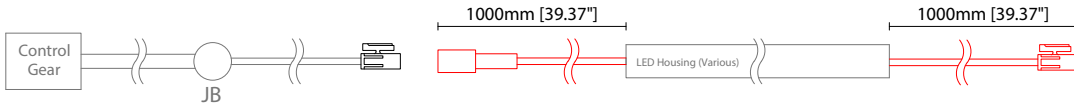
Key

Control Gear Power supply, sub-controllers & control systems

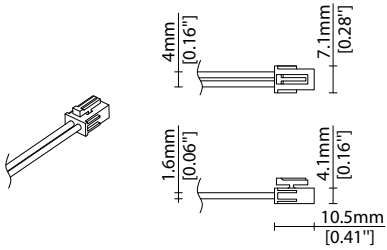
JB Junction box / cable connection

POWER FEED OPTIONS (CONTINUED)

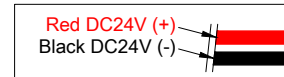
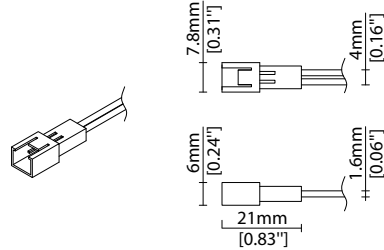
1000 D20X 1000mm (39.37") Double no sheath IP20 connector



2 Pin Female Connector



2 Pin Male Connector

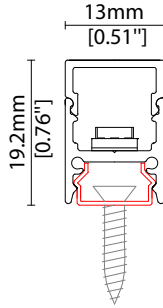


Key

Control Gear Power supply, sub-controllers & control systems
 JB Junction box / cable connection

MOUNTING ACCESSORIES

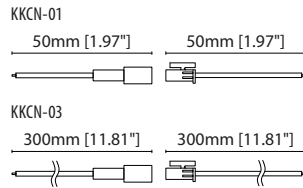
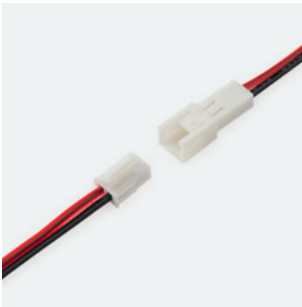
Note: Accessories are to be ordered separately with corresponding code shown below.



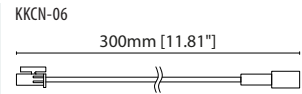
KKCP-10

Concealed clip
(allow 3 per metre/40in)
S/Steel finish
L20/W13/H19.2mm
(L0.79/W0.51/H0.76")

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

LiNi Glow 007 Accessories

KKDÖ

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