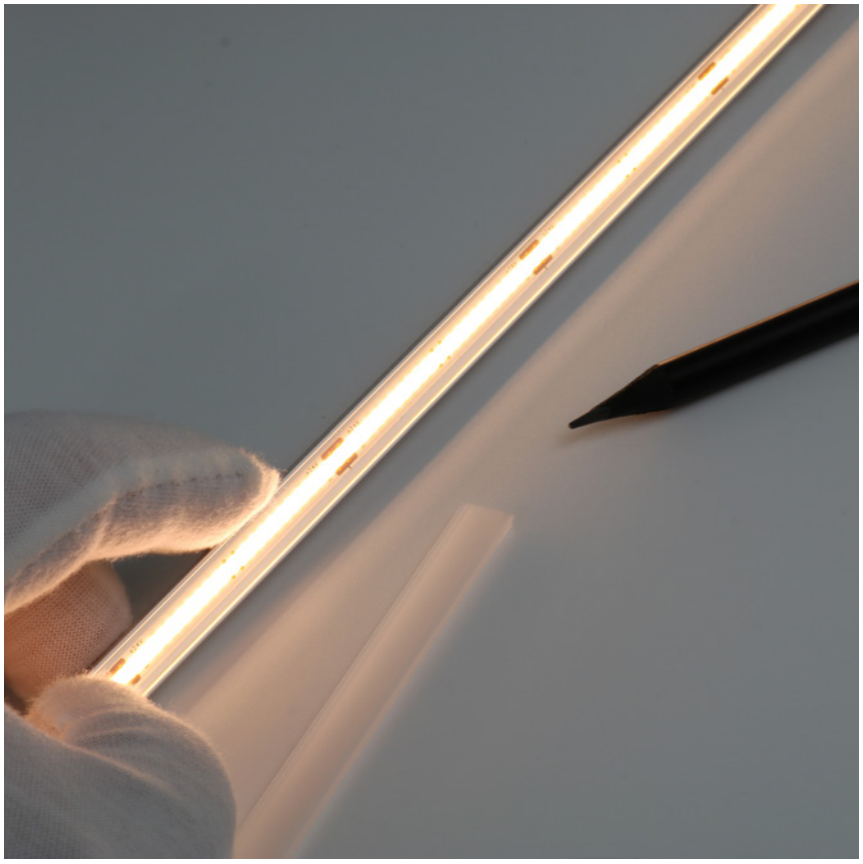
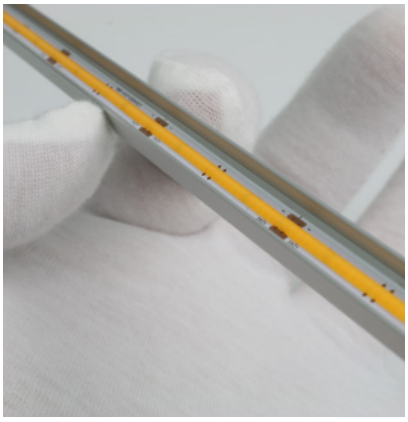
Linear

TIMI C010 (10W)

Fixture Guide

Indoor | Surface | Output up to 640lm/m (195.1lm/ft)



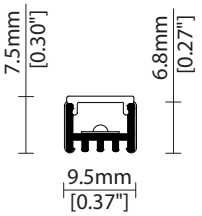


Key applications

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

Key features

- ✓ c-line COB (Chip-On-Board)
- ✓ Constant Voltage (CV)
- ✓ Custom lengths
- ✓ Diffusion: seamless linear light
- ✓ Extensive CCT range
- ✓ IP20/40 dry area
- ✓ Lens options



MOUNTING METHODS

INSTALL VIDEO

TIMI C010

KKCP-13 Lock clip

KKCP-01 Standard clip

KKCP-05 Lens lock clip

Linear

TIMI C010 (10W)

Specification sheet

24V DC | 10 W/m | 3 W/ft | ≤64 lm/W | IP 20/40 | L70 B10 >30000h | CE | LM79 Tested | TM-30 Results

Dimensions	H7.5/W9.5/L114-2014mm (H0.29/W0.37/L4.49-79.29in) (Double tail) H7.5/W9.5/L107-2007mm (H0.29/W0.37/L4.21-79.01in) (Single tail)
PCB Cut-point	50mm increment/2000mm max (1.97in increment/78.74in max)
Chip	**c-line**
Cover/Optics	No cover (120°)/Semi-diffused (100°)/Black (90°)/KKLN-01D lens (14°)/KKLN-01U lens (36°)
CCT	**c-line:** 1900K/2100K/2300K/2500K/2700K/3000K/3500K/4000K
LED binning	**c-line:** 3-step MacAdam ellipse
CRI	≥90
Lifetime	30,000 hours @ 25°C (30,000 hours @ 77°F)
Operating temp	T_a = -20 to 40°C (T_c max = 60°C) T_a = -4 to 104°F (T_c max = 140°F)
IP Rating	IP20/40
Finish	Silver anodised
Mounting	Surface mounting via clips
Power feed	Hardwire tails or male/female connectors
Control	0-10V/1-10V/DMX/DALI

LED Grading Key

Exclusive Grade **KKDC tuned CCT range*

c-line*
3-step CCT range

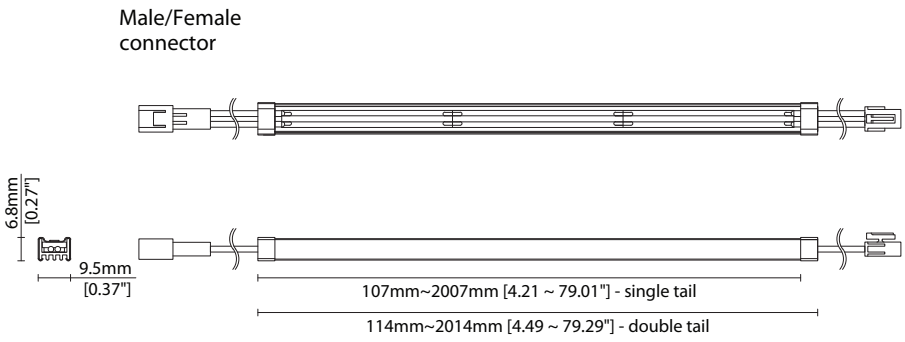
KKDC COB (Chip-On-Board) spotless LED

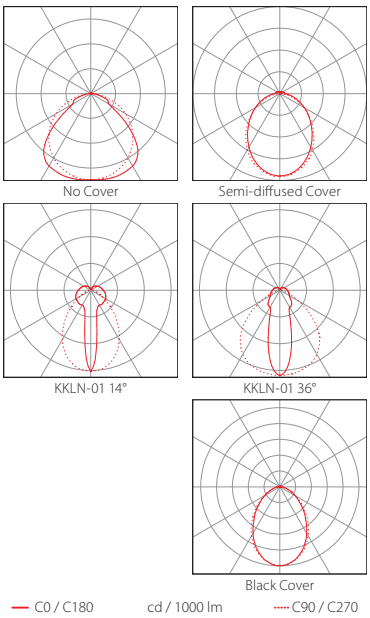
Power consumption	Supply voltage	Supply current
10W/m (3.05W/ft)	24V DC	0.42A/m (0.13A/ft)

Performance Data (3000K)

	R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
c-line	94.6	95.9	95.8	94.0	94.4	94.9	89.9	78.2	49.1	89.1	93.8	79.1	95.5	96.7	88.7

	No Cover	Semi-diffused	14° (KKLN-01)	36° (KKLN-01)	Black Cover	CRI	R9	Rf	Rg
c-line	640lm/m (195.1lm/ft) 64lm/W	537lm/m (163.7lm/ft) 53.7 lm/W	594lm/m (181.1lm/ft) 59.4lm/W	585lm/m (178.3lm/ft) 58.5lm/W	177lm/m (54lm/ft) 17.7lm/W	93	49	89	102





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

Linear

TIMI C010 (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 TI	Silver Anodised SA	No cover[5] X	c– c	C010 C010	1900K 19	m 114-2014mm[6] 107-2007mm[7] 50mm increments	IP20 20	50mm (1.97in) 0050	Single no sheath tail S00X	DC 24V g
		Semi-diffused[5] D			2100K 21		IP44 40	300mm (11.81in) 0300	Double no sheath tail D00X	
		KKLN-01D (14°)[5] S			2300K 23	i 4.49-79.29in[6] 4.21-79.01in[7] 1.97in increments			Single no sheath IP20 connector S20X	
		KKLN-01U (36°)[5] R			2500K 25					
		Black cover Y			2700K 27	(Specify length code OR total run length)			Double no sheath IP20 connector D20X	
					3000K 30					
					3500K 35					
					4000K 40					

[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
[5] Operating temperatures vary for TIMI with cover and TIMI without cover; please check with a KKDC engineer if operating temperature is limiting product application
[6] Double clamp TIMI length
[7] Single clamp TIMI length

Code Example:

TI	-	SA	-	D	-	c	-	C010	-	30	-	m	514	-	20	-	0050	-	D20X	-	g
TIMI		Silver Anodised		Semi-diffused		c–		C010		3000K			514mm		IP20		50mm (1.97in)		Double no sheath IP20 connector		DC 24V

ACCESSORIES

Mounting Accessories

KKCP-01	Clip (1no.)
KKCP-51	Clip (500no.)
KKCP-13	Lock Clip
KKCP-05	Lens Lock Clip for KKLN-01 (1no.)
KKCP-55	Lens Lock Clip for KKLN-01 (500no.)

* 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	637	194	7	2.13	TIMI R007	97-2014mm (3.81-79.29in)	41.7mm (1.64in)
	C010	**640**	**640**	**10**	**3**	**TIMI C010**	**114-2014mm (4.49-79.29in)**	**50mm (1.97in)**
	R014	1302	397	14	4.27	TIMI R014	97-2014mm (3.81-79.29in)	41.7mm (1.64in)
	A010	1400	426	10	3.05	TIMI A010	91-2014mm (3.58-79.29in)	38.46mm (1.51in)
	A020	2800	853	20	6.10	TIMI A020	91-2014mm (3.58-79.29in)	38.46mm (1.51in)
	AM15 (CC)	2865	873	15	4.6	TIMI AM15 (CC)	264-2014mm (10.39-79.29in)	125mm (4.92in)
	AP20	3320	1012	20	6.10	TIMI AP20	85-2014mm (3.35-79.29in)	35.7mm (1.51in)
Warm Dim/Dynamic White	R207	1392	424	16	4.88	TIMI R207	97-2014mm (3.81-79.29in)	83.3mm (3.28in)
RGB	501	Red: 150 Green: 320 Blue: 50 RGB: 460	Red: 46 Green: 98 Blue: 15 RGB: 140	15.6	4.88	TIMI RGB	97-2014mm (3.81-79.29in)	83.3mm (3.28in)
CHROMAX RGB	F302	Red: 160 Green: 430 Blue: 50 RGB: 600	Red: 49 Green: 131 Blue: 15 RGB: 183	20	6.10	TIMI CHROMAX RGB	77-2014mm (3.01-79.29in)	62.5mm (2.46in)

* Performance data: c-line, 3000K, no cover

Linear

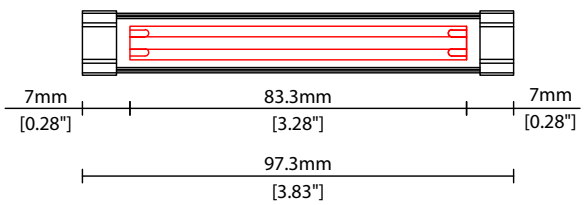
TIMI C010 (10W)

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 Semi-diffused (Test Data)
m0114	i0004	114mm	4.49in	100mm	3.94in	N/A	N/A	1.00	54
m0164	i0006	164mm	6.46in	150mm	5.91in	N/A	N/A	1.50	81
m0214	i0008	214mm	8.43in	200mm	6.56in	N/A	N/A	2.00	107
m0264	i0010	264mm	10.39in	250mm	8.20in	N/A	N/A	2.50	134
m0314	i0012	314mm	12.36in	300mm	9.84in	N/A	N/A	3.00	161
m0364	i0014	364mm	14.33in	350mm	11.48in	N/A	N/A	3.50	188
m0414	i0016	414mm	16.30in	400mm	13.12in	N/A	N/A	4.00	215
m0464	i0018	464mm	18.27in	450mm	14.76in	N/A	N/A	4.50	242
m0514	i0020	514mm	20.24in	500mm	16.41in	N/A	N/A	5.00	269
m0564	i0022	564mm	22.20in	550mm	18.05in	N/A	N/A	5.50	295
m0614	i0024	614mm	24.17in	600mm	19.69in	N/A	N/A	6.00	322
m0664	i0026	664mm	26.14in	650mm	21.33in	N/A	N/A	6.50	349
m0714	i0028	714mm	28.11in	700mm	22.97in	N/A	N/A	7.00	376
m0764	i0030	764mm	30.08in	750mm	24.61in	N/A	N/A	7.50	403
m0814	i0032	814mm	32.05in	800mm	26.25in	N/A	N/A	8.00	430
m0864	i0034	864mm	34.02in	850mm	27.89in	N/A	N/A	8.50	456
m0914	i0036	914mm	35.98in	900mm	29.53in	N/A	N/A	9.00	483
m0964	i0038	964mm	37.95in	950mm	31.17in	N/A	N/A	9.50	510
m1014	i0040	1014mm	39.92in	1000mm	32.81in	N/A	N/A	10.00	537
m1064	i0042	1064mm	41.89in	1050mm	34.45in	N/A	N/A	10.50	564
m1114	i0044	1114mm	43.86in	1100mm	36.09in	N/A	N/A	11.00	591
m1164	i0046	1164mm	45.83in	1150mm	37.73in	N/A	N/A	11.50	618
m1214	i0048	1214mm	47.80in	1200mm	39.37in	N/A	N/A	12.00	644
m1264	i0050	1264mm	49.76in	1250mm	41.01in	N/A	N/A	12.50	671
m1314	i0052	1314mm	51.73in	1300mm	42.65in	N/A	N/A	13.00	698
m1364	i0054	1364mm	53.70in	1350mm	44.29in	N/A	N/A	13.50	725
m1414	i0056	1414mm	55.67in	1400mm	45.94in	N/A	N/A	14.00	752
m1464	i0058	1464mm	57.64in	1450mm	47.58in	N/A	N/A	14.50	779
m1514	i0060	1514mm	59.61in	1500mm	49.22in	N/A	N/A	15.00	806
m1564	i0062	1564mm	61.57in	1550mm	50.86in	N/A	N/A	15.50	832
m1614	i0064	1614mm	63.54in	1600mm	52.50in	N/A	N/A	16.00	859
m1664	i0066	1664mm	65.51in	1650mm	54.14in	N/A	N/A	16.50	886
m1714	i0067	1714mm	67.48in	1700mm	55.78in	N/A	N/A	17.00	913
m1764	i0069	1764mm	69.45in	1750mm	57.42in	N/A	N/A	17.50	940
m1814	i0071	1814mm	71.42in	1800mm	59.06in	N/A	N/A	18.00	967
m1864	i0073	1864mm	73.39in	1850mm	60.70in	N/A	N/A	18.50	993
m1914	i0075	1914mm	75.35in	1900mm	62.34in	N/A	N/A	19.00	1020
m1964	i0077	1964mm	77.32in	1950mm	63.98in	N/A	N/A	19.50	1047
m2014	i0079	2014mm	79.29in	2000mm	65.62in	N/A	N/A	20.00	1074

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

[2] Actual length of PCB strip

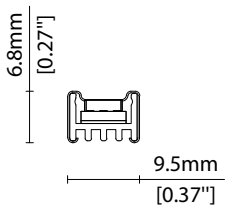


Linear

TIMI C010 (10W)
Options

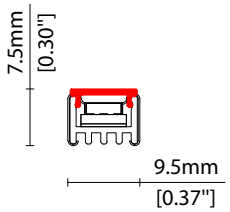
COVER/LENS OPTIONS

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



X No cover

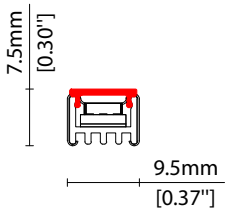
W9.5/H6.8mm (W0.37/H0.27")



D Semi-diffused cover

Polycarbonate finish

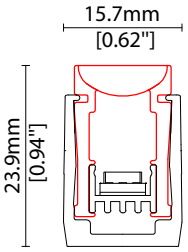
W9.5/H7.5mm (W0.37/H0.30")



Y Black semi-diffused cover

Black translucent PMMA
25% light output

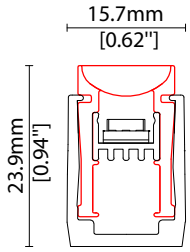
W9.5/H7.5mm (W0.37"/H0.30")



S 14° lens (KKLN-01D)

14° beam linear lens,
co-extruded PMMA

W12.8/H20mm (W0.5/H0.79")



R 36° lens (KKLN-01U)

36° beam linear lens,
co-extruded PMMA

W12.8/H20mm (W0.5/H0.79")

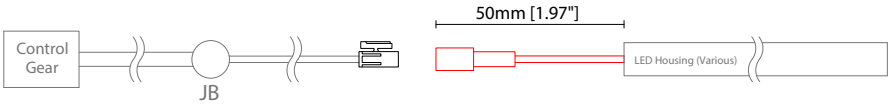
Linear

TIMI C010 (10W)
Options

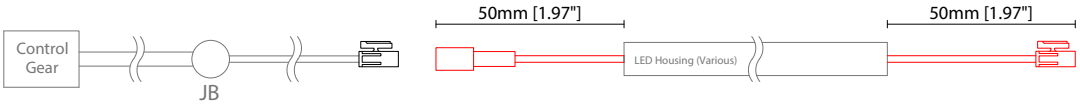
POWER FEED OPTIONS

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

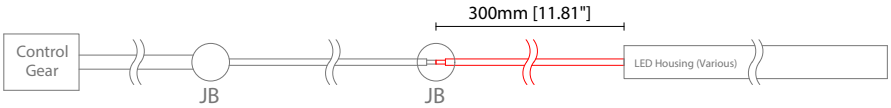
0050 S20X 50mm (1.97") Single no sheath IP20 connector



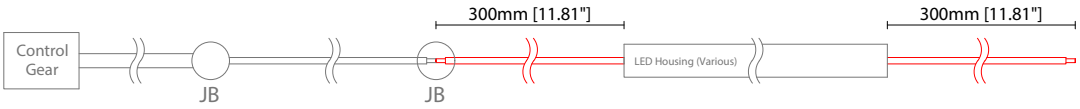
0050 D20X 50mm (1.97") Double no sheath IP20 connector



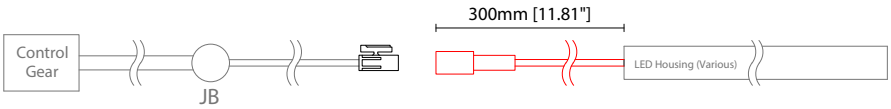
0300 S00X 300mm (11.81") Single no sheath tail



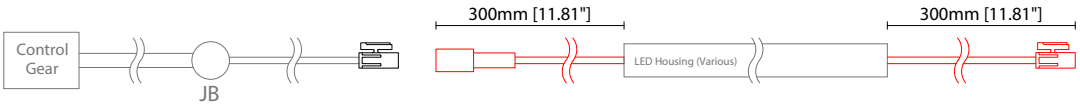
0300 D00X 300mm (11.81") Double no sheath tail



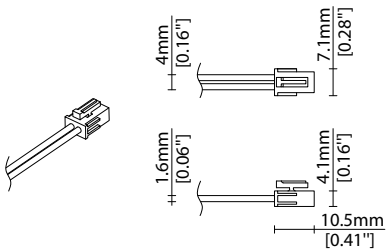
0300 S20X 300mm (11.81") Single no sheath IP20 connector



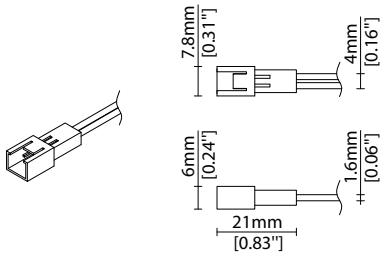
0300 D20X 300mm (11.81") Double no sheath IP20 connector



2 Pin Female Connector



2 Pin Male Connector



Key

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

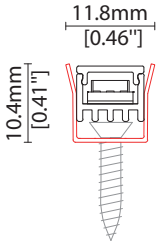
Linear

TIMI C010 (10W)

Accessories

MOUNTING ACCESSORIES

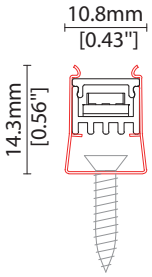
Note: Accessories are to be ordered separately with corresponding code shown below.



KKCP-01 (1no.)
KKCP-51 (500no.)

Clip (allow 3 per metre/40in)
S/Steel finish

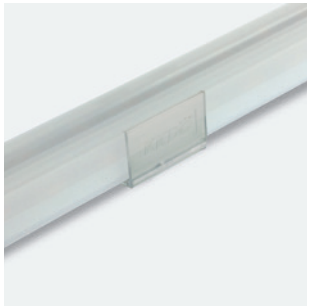
L25/W11.8/H10.4mm
(L0.98/W0.46/H0.41")

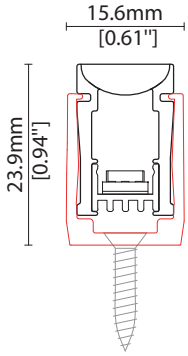


KKCP-13

Lock clip (allow 2 per metre/40in)
S/Steel finish

L25/W10.8/H14.5mm
(L0.98/W0.43/H0.57")





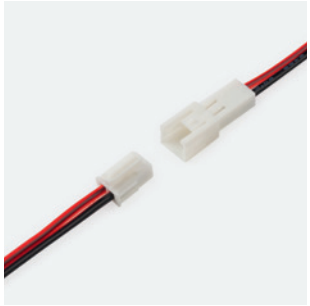
KKCP-05 (1no.)
KKCP-55 (500no.)

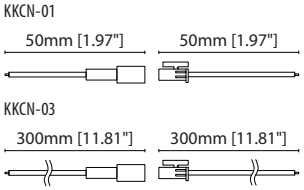
For use with KKLN-01 lens only

Lens lock clip (allow 3 per metre/40in)
Clear polycarbonate finish

L25/W15.6/H24mm
(L0.98/W0.61/H0.94")

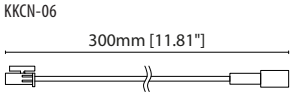
POWER FEED





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

Linear

TIMI C010 (10W)

Accessories

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)

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)

IP20

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

KKDL-04 DALI-2

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

IP20

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

visDIM PRO 30 DALI-2

30kHz PWM Frequency
visDIM dimmable sub-controller
(4 x 5A max @ 12-36V)

Linear

TIMI
Driver/PSU Options

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-02/03.01/visDIM PRO 30	90-295V	24V	2.5A	60W	100-0.1	IP67/IP20
	HLG-60H-24	KKDL-02/03.01/visDIM PRO 30	90-305V	24V	2.5A	60W	100-0.1	IP67/IP20
	HLG-100H-24	KKDL-02/03.01/visDIM PRO 30	90-305V	24V	4.0A	100W	100-0.1	IP67/IP20
	HLG-150H-24	KKDL-02/03.01/visDIM PRO 30	90-305V	24V	6.3A	150W	100-0.1	IP67/IP20
	HLG-240H-24	KKDL-02/03.01/visDIM PRO 30	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