

PICO 007

Specification sheet



Dimension	H44/W212.6/Ø16/L131-1048mm (H1.73/W8.37/Ø0.63/L5.17-41.26in) (Length excludes mounting plates)
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 Samsung
Beam angle	90° (No Cover) / 110°(Diffused Cover)
Colours	s/e-line 2100K/2500K/2700K/3000K/3500K/4000K/5000K s-line Single colours: Red/Green/Blue/Orange/Amber k-line 1900K/2100K/2500K/2700K/3000K/3500K/4000K/5000K
Bin/Step	s-line 2-step MacAdam ellipse e/k-line 3-step MacAdam ellipse
CRI	≥ 90
Lifetime	35,000 hours @ 25°C (35,000 hours @ 77°F)
Operating temp	T _a = -20 to 60°C (T _c max = 79.4°C) T _a = -4 to 140°F (T _c max = 174.9°F)
IP rating	IP40 (diffused Cover)/IP20 (No Cover)
Finish	Silver anodised
Cover/lens	No Cover/Diffused
Mounting	Surface mounted wall brackets
Power feed	Hardwire tails (Polarity split between mounting arms)
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	

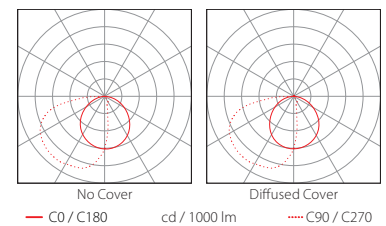
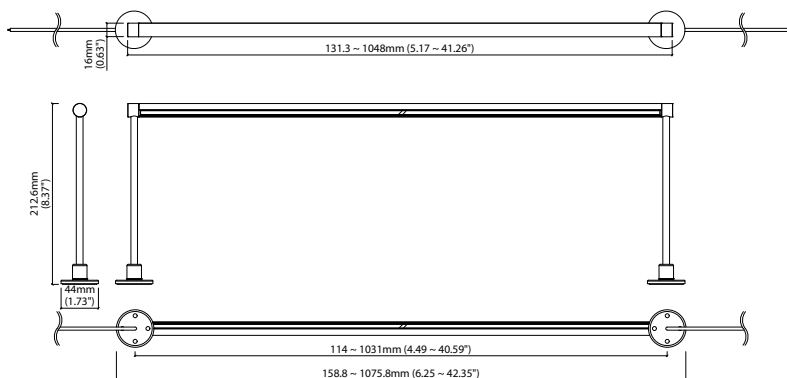
PERFORMANCE DATA @ 3000K

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

	No Cover	Diffused Cover	CRI	R9	Rf	Rg
s/e-line	850lm/m (260lm/ft) 78.5lm/W	430lm/m (130lm/ft) 38.7lm/W	93	62	-	-
k-line	840lm/m (256lm/ft) 77.3lm/W	420lm/m (128lm/ft) 38.1lm/W	92	60	-	-



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

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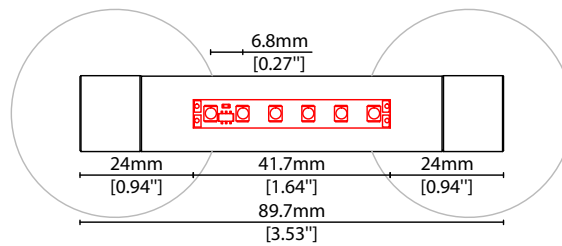
Length Availability List



Length Code		Fixture Length ¹		LED Strip		End Cap Dimension ²		Wattage (W)	Output (lm)	
Metric	Imperial(US)	Metric	Imperial(US)	Metric	Imperial(US)	Metric	Imperial(US)		3000K (Test Data)	Range Data
m0131	i0005	131mm	5.17in	83mm	3.28in	48mm	1.89in	0.91	70	28-73
m0215	i0008	215mm	8.45in	167mm	6.56in	48mm	1.89in	1.82	140	55-146
m0298	i0012	298mm	11.73in	250mm	9.84in	48mm	1.89in	2.73	211	83-219
m0381	i0015	381mm	15.01in	333mm	13.12in	48mm	1.89in	3.63	281	111-292
m0465	i0018	465mm	18.30in	417mm	16.41in	48mm	1.89in	4.54	351	138-365
m0548	i0022	548mm	21.58in	500mm	19.69in	48mm	1.89in	5.45	421	166-438
m0631	i0025	631mm	24.86in	583mm	22.97in	48mm	1.89in	6.36	492	194-511
m0715	i0028	715mm	28.14in	667mm	26.25in	48mm	1.89in	7.27	562	221-584
m0798	i0031	798mm	31.42in	750mm	29.53in	48mm	1.89in	8.18	632	249-657
m0881	i0035	881mm	34.70in	833mm	32.81in	48mm	1.89in	9.08	702	277-730
m0965	i0038	965mm	37.98in	917mm	36.09in	48mm	1.89in	9.99	772	305-803
m1048	i0041	1048mm	41.26in	1000mm	39.37in	48mm	1.89in	10.90	843	332-876

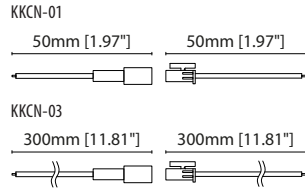
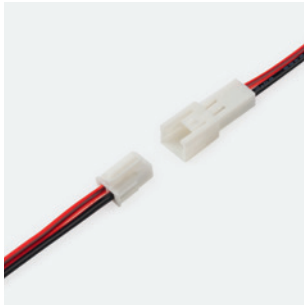
¹ Length of fixture including aluminium extrusion and end clamps

² Overall dimension including both end caps and internal wiring space

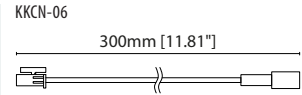


POWER FEED

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



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
Black plastic housing
L164/W64/H34mm
(L6.46/W2.52/H1.34in)

KKDM-05 1-10V
visDIM dimmable sub-controller



IP20
Black plastic housing
L164/W64/H34mm
(L6.46/W2.52/H1.34in)

KKSC-03A DMX (screw terminal)
visDIM dimmable sub-controller



IP20
Black plastic housing
L164/W64/H34mm
(L6.46/W2.52/H1.34in)

KKSC-03B DMX (RJ45)
visDIM dimmable sub-controller



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)

Linear

PICO 007 Accessories

KKDC

KKDC CONTROL (CONTINUED)



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-05	90-295V	24V	2.5A	60W	100-0.9	IP67/IP20
	HLG-60H-24	KKDM-05	90-295V	24V	2.5A	60W	100-0.9	IP67/IP20
	HLG-100H-24	KKDM-05	90-295V	24V	4.0A	100W	100-0.9	IP67/IP20
	HLG-150H-24	KKDM-05	90-295V	24V	6.3A	150W	100-0.9	IP67/IP20
	HLG-240H-24	KKDM-05	90-295V	24V	10.0A	240W	100-0.9	IP67/IP20
	CEN-60-24	KKDL-02/03	90-295V	24V	2.5A	60W	100-0.1	IP67/IP20
DALI	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-03	90-295V	24V	2.5A	60W	100-0.9	IP67/IP20
	HLG-60H-24	KKSC-03	90-305V	24V	2.5A	60W	100-0.9	IP67/IP20
	HLG-100H-24	KKSC-03	90-305V	24V	4A	100W	100-0.9	IP67/IP20
	HLG-150H-24	KKSC-03	90-305V	24V	6.3A	150W	100-0.9	IP67/IP20
	HLG-240H-24	KKSC-03	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