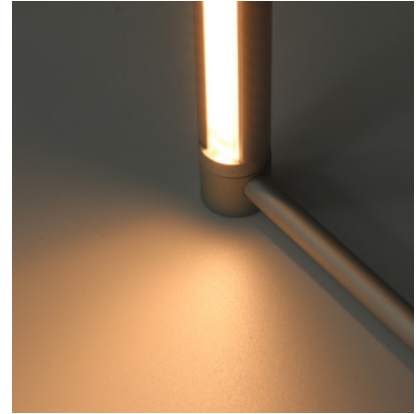


Linear

PICO Asymmetric AS30 (30W) Fixture Guide

KKDÖ

Indoor | Surface | Output up to 2880lm/m (878lm/ft)

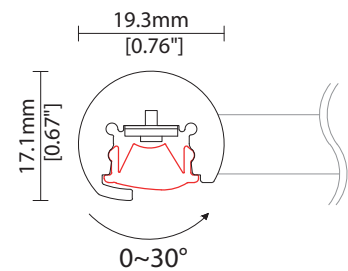


Key applications

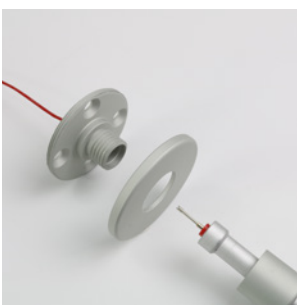
- ✓ Direct lighting
- ✓ Interior
- ✓ Picture display
- ✓ Retail display
- ✓ Wall grazing
- ✓ Wall mounting
- ✓ Wallwashing

Key features

- ✓ A-line (High Efficacy)
- ✓ Adjustable
- ✓ Asymmetric lens
- ✓ Custom lengths
- ✓ Constant Voltage (CV)
- ✓ Decorative
- ✓ Diffusion: homogenous
- ✓ Direct view
- ✓ High lumen efficacy
- ✓ IP40 dry area
- ✓ Lens options



MOUNTING METHODS

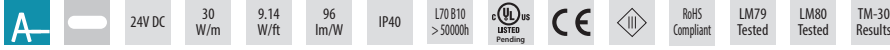


Innovative pin connection

Linear

PICO Asymmetric AS30 (30W)

Specification sheet



Dimensions	H17.1/W19.3/L118-1041mm (H0.63/W0.51/L4.64-40.98in)
PCB Cut-point	38.46mm increment/1000mm max (1.51in increment/39.37in max)
LED Pitch	4.8mm - 208LED/m (0.19in - 64LED/ft)
Chip	A-line
Cover/Optics	KKLN-A2 Asymmetric lens
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 45°C (T _c max = 80.1°C) T _a = -13 to 113°F (T _c max = 176°F)
IP Rating	IP40
Finish	Silver anodised
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 *KKDC tuned CCT range
A-line* 3-step CCT range
 KKDC highest lumen efficacy LED

Power consumption	Supply voltage	Supply current
30W/m (9.14W/ft)	24V DC	1.25A/m (0.381A/ft)

Performance Data (3000K)

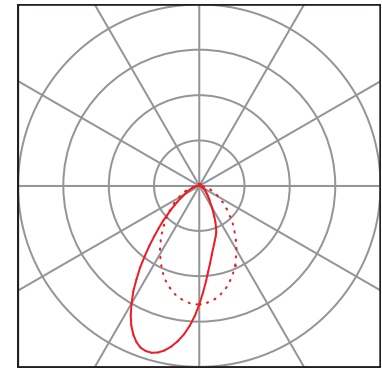
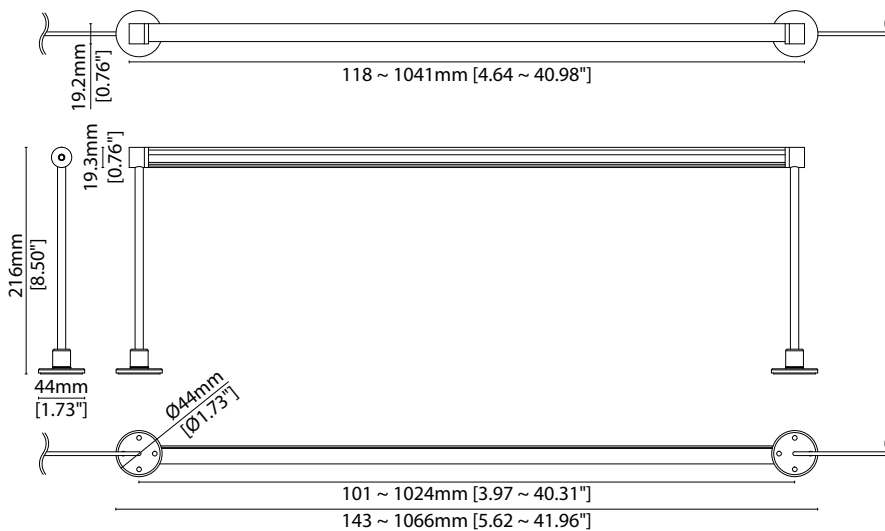
	R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14
A-line	95	97	96	94	94	94	94	87	72	91	93	77	95	97

KKLN-A2

A-line	2880lm/m (878lm/ft) 96lm/w
---------------	-------------------------------

CRI	R9	Rf	Rg
94	72	-	-

Hardwire Tails



— C0 / C180 cd / 1000 lm - - - C90 / C270

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

Linear

PICO Asymmetric AS30 (30W) Code Table



FIXTURE

Model	Finish	Cover/Lens	Grade ¹	LED	Colour (CCT)	Length Availability ²	IP	Cable Length	Power Feed ³	Input
PICO Asymmetric	PY Silver Anodised	SA KKLN-A2 (Asymmetric lens)	A-	A	AS30	2700K 27 3000K 30 4000K 40	m 118-1041mm 38.46mm increments i 4.64-40.98in 1.51in increments (Specify length code OR total run length)	IP40 40 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 LED Grading Key on Specification sheet page

² Refer to Length Availability List or enter total run length instead of length code

³ Refer to Power Feed Options on Options pages

Code Example:

PY	-	SA	-	A2	-	A	-	AS30	-	30	-	m	513	-	40	-	0300	-	D20X	-	g
PICO Asymmetric	Silver Anodised	KKLN-A2 (Asymmetric lens)	A-	AS30	3000K	513mm	IP40	300mm (11.81in)	Double no sheath IP20 connector	DC 24V											

ACCESSORIES

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

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

* Refer to Power feed on Accessories pages

PICO Asymmetric AS30 (30W)

Length Availability List

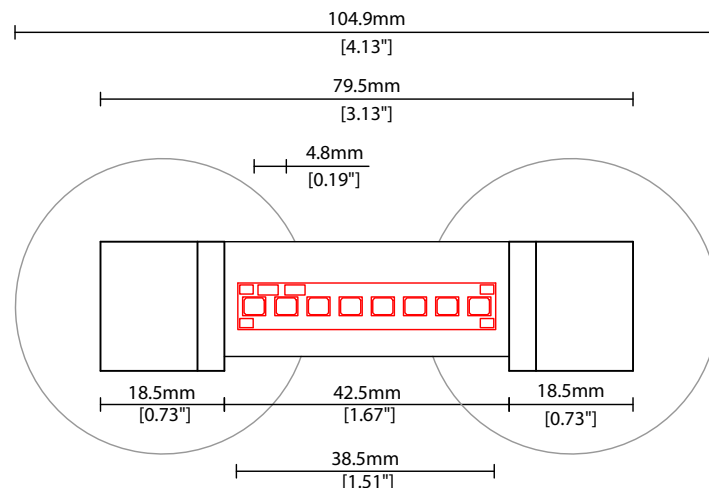


Length Code		Fixture Length ¹		LED Strip ²		End Cap Dimension		Wattage (W)	Output (lm) 3000K (Test Data)
Metric	Imperial(US)	Metric	Imperial(US)	Metric	Imperial(US)	Metric	Imperial(US)		
m0118	i0005	118mm	4.64in	77mm	3.03in	37mm	1.46in	2.31	222
m0156	i0006	156mm	6.16in	115mm	4.54in	37mm	1.46in	3.46	332
m0195	i0008	195mm	7.67in	154mm	6.06in	37mm	1.46in	4.62	443
m0233	i0009	233mm	9.19in	192mm	7.57in	37mm	1.46in	5.77	554
m0272	i0011	272mm	10.70in	231mm	9.09in	37mm	1.46in	6.92	665
m0310	i0012	310mm	12.21in	269mm	10.60in	37mm	1.46in	8.08	775
m0349	i0014	349mm	13.73in	308mm	12.11in	37mm	1.46in	9.23	886
m0387	i0015	387mm	15.24in	346mm	13.63in	37mm	1.46in	10.38	997
m0426	i0017	426mm	16.76in	385mm	15.14in	37mm	1.46in	11.54	1108
m0464	i0018	464mm	18.27in	423mm	16.66in	37mm	1.46in	12.69	1218
m0503	i0020	503mm	19.78in	462mm	18.17in	37mm	1.46in	13.85	1329
m0541	i0021	541mm	21.30in	500mm	19.69in	37mm	1.46in	15.00	1440
m0579	i0023	579mm	22.81in	538mm	21.20in	37mm	1.46in	16.15	1551
m0618	i0024	618mm	24.33in	577mm	22.71in	37mm	1.46in	17.31	1662
m0656	i0026	656mm	25.84in	615mm	24.23in	37mm	1.46in	18.46	1772
m0695	i0027	695mm	27.36in	654mm	25.74in	37mm	1.46in	19.62	1883
m0733	i0029	733mm	28.87in	692mm	27.26in	37mm	1.46in	20.77	1994
m0772	i0030	772mm	30.38in	731mm	28.77in	37mm	1.46in	21.92	2105
m0810	i0032	810mm	31.90in	769mm	30.28in	37mm	1.46in	23.08	2215
m0849	i0033	849mm	33.41in	808mm	31.80in	37mm	1.46in	24.23	2326
m0887	i0035	887mm	34.93in	846mm	33.31in	37mm	1.46in	25.38	2437
m0926	i0036	926mm	36.44in	885mm	34.83in	37mm	1.46in	26.54	2548
m0964	i0038	964mm	37.96in	923mm	36.34in	37mm	1.46in	27.69	2658
m1003	i0039	1003mm	39.47in	962mm	37.86in	37mm	1.46in	28.85	2769
m1041	i0041	1041mm	40.98in	1000mm	39.37in	37mm	1.46in	30.00	2880

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

² Actual length of PCB strip

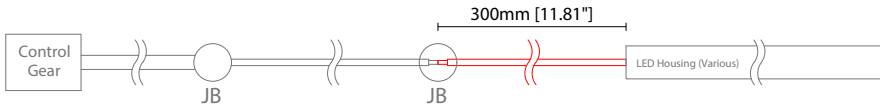
³ Actual length of 2x end caps



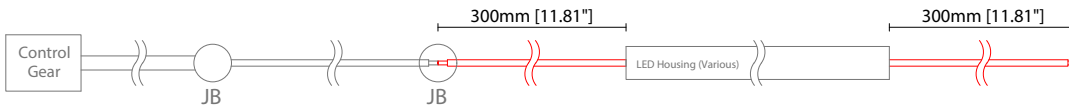
POWER FEED OPTIONS

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

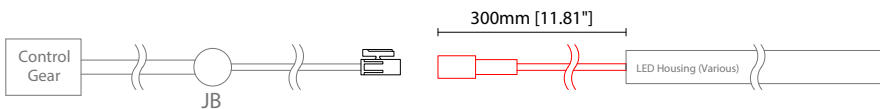
0300 S00X 300mm (11.81") Single no sheath tail



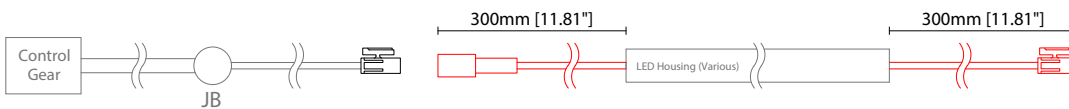
0300 D00X 300mm (11.81") Double no sheath tail



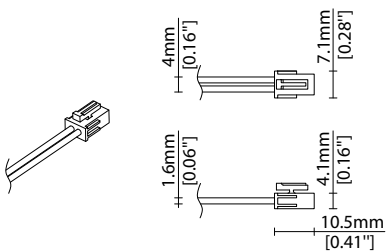
0300 S20X 300mm (11.81") Single no sheath IP20 connector



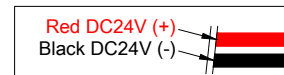
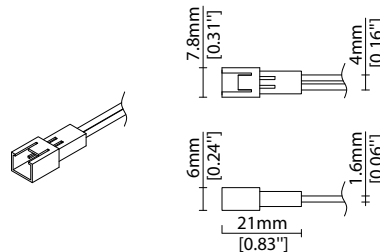
0300 D20X 300mm (11.81") Double no sheath IP20 connector



2 Pin Female Connector



2 Pin Male Connector



Key

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

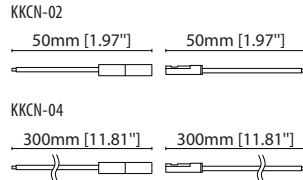
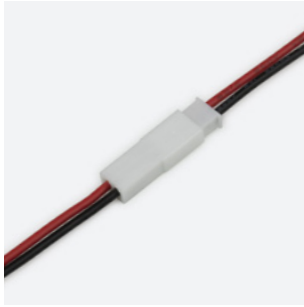
Linear

PICO Asymmetric AS30 (30W) Accessories

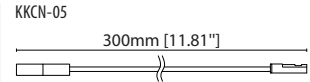
KKDÖ

POWER FEED

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



KKCN-02 50mm (1.97in) pair
KKCN-04 300mm (11.81in) pair
2 PIN male + female JST connector set



KKCN-05
2 PIN 300mm (11.81in) extension lead (JST)

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)

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