

Linear

PICO 352 Fixture Guide



Indoor | Surface | Low output up to 460lm/m (139lm/ft)

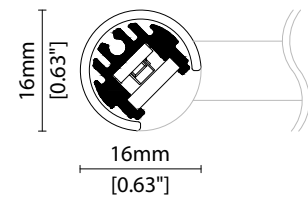


Key applications

- ✓ Display case
- ✓ Interior
- ✓ Picture display

Key features

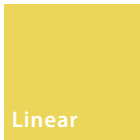
- ✓ Custom lengths
- ✓ Decorative
- ✓ Diffusion: Spotting
- ✓ Extensive CCT range
- ✓ Form factor: Small
- ✓ IP40
- ✓ Output low



MOUNTING METHODS



Innovative pin connection



PICO 352

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	83.3mm increment/1000mm max (3.28in increment/39.4in max)
LED pitch	13.9mm - 72LED/m (0.55in - 22LED/ft)
Chip	s/e-line Toyoda Gosei k-line Toyoda Gosei or Equivalent
Beam angle	90° (No Cover) / 110°(Diffused Cover)
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	35,000 hours @ 25°C (35,000 hours @ 77°F)
Operating temp	T _a = -20 to 60°C (T _c max = 70.6°C) T _a = -4 to 140°F (T _c max = 159.1°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 s-line*	2-step CCT range	*KKDC tuned CCT range
e e-line*	3-step CCT range	

Base Grade

k k-line	3-step commercial range Energy Star CCTs
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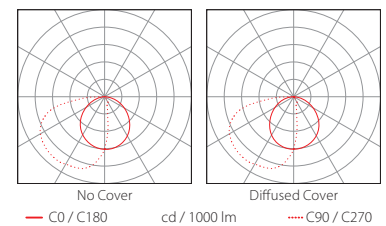
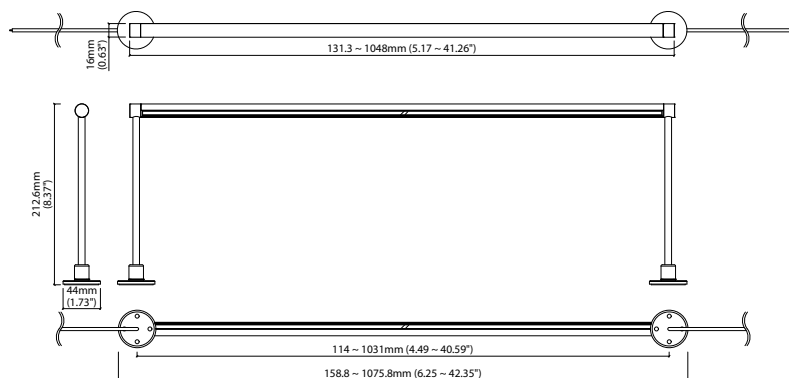
PERFORMANCE DATA @ 3000K

Power consumption	Supply voltage	Supply current
5.5W/m (1.67W/ft)	24V DC	0.23A/m (0.07A/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	460lm/m (139lm/ft)	83.8lm/W	220lm/m (68lm/ft)	41.3lm/W	93	62	-	-
k-line	450lm/m (137lm/ft)	82.6lm/W	220lm/m (67lm/ft)	40.7lm/W	92	60	-	-



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

FIXTURE

Model	Finish	Cover	Grade ¹	LED	Colour (CCT)	Length Availability ²	IP	Input							
PICO	PC	Silver Anodised	SA	No cover	X	352	1900K	19	m	131-1048mm 83.3mm increments	IP40	40	DC 24V	g	
		Black Anodised	BA	Diffused	C										2100K
					2300K										23
					2500K										25
					2700K										27
					3000K										30
					3500K										35
					4000K										40
					5000K										50
					RED										RED
					GREEN										GRN
					BLUE										BLU
					ORANGE										ORN
				AMBER	AMB										

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

Code Example:

PC	-	SA	-	C	-	s	-	352	-	35	-	m	-	548	-	40	-	g
PICO		Silver Anodised		Diffused				352		3500K		548mm		IP40		DC 24V		

ACCESSORIES

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	Output	LED	Lumen/m	Lumen/ft	W/m	W/ft	Spec Doc	Length	Increment
Single CCT	Low	352	460	139	5.5	1.67	PICO 352	131-1048mm (5.17-41.26in)	83.3mm (3.28in)
	Mid	504	1040	317	12.5	3.81	PICO 504	148-1048mm (4.33-41.26in)	100mm (3.94in)
	High	508	1440	439	17.5	5.33	PICO 508	119-1048mm (4.70-41.26in)	71.4mm (2.81in)
	Mid	007	850	260	10.9	3.32	PICO 007	131-1048mm (5.17-41.26in)	41.7mm (1.64in)

* Performance data: s/e-line, no cover, 3000K

PICO 352

Length Availability List

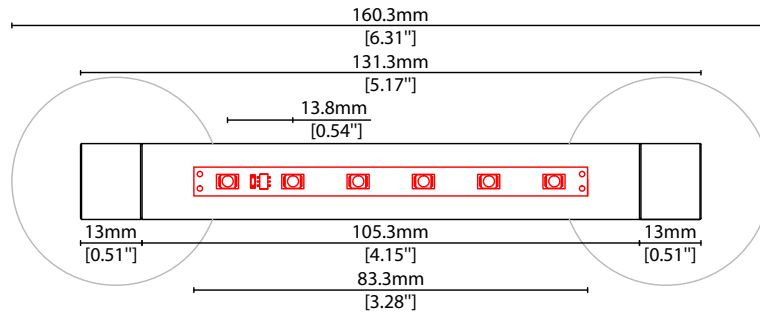


Length Code		Fixture Length ¹		LED Strip ²		End Cap Dimension ³		Wattage (W)	Output (lm)	
Metric	Imperial(US)	Metric	Imperial(US)	Metric	Imperial(US)	Metric	Imperial(US)		3000K (Test Data)	Range Data
m0131	i0005	131mm	5.17in	83mm	3.28in	26mm	1.02in	0.46	38	15-39
m0215	i0008	215mm	8.45in	167mm	6.56in	26mm	1.02in	0.92	76	30-79
m0298	i0012	298mm	11.73in	250mm	9.84in	26mm	1.02in	1.37	114	45-118
m0381	i0015	381mm	15.01in	333mm	13.12in	26mm	1.02in	1.83	151	60-157
m0465	i0018	465mm	18.30in	417mm	16.41in	26mm	1.02in	2.29	189	75-197
m0548	i0022	548mm	21.58in	500mm	19.69in	26mm	1.02in	2.75	227	90-236
m0631	i0025	631mm	24.86in	583mm	22.97in	26mm	1.02in	3.21	265	104-276
m0715	i0028	715mm	28.14in	667mm	26.25in	26mm	1.02in	3.67	303	119-315
m0798	i0031	798mm	31.42in	750mm	29.53in	26mm	1.02in	4.12	341	134-354
m0881	i0035	881mm	34.70in	833mm	32.81in	26mm	1.02in	4.58	379	149-394
m0965	i0038	965mm	37.98in	917mm	36.09in	26mm	1.02in	5.04	416	164-433
m1048	i0041	1048mm	41.26in	1000mm	39.37in	26mm	1.02in	5.50	454	179-472

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

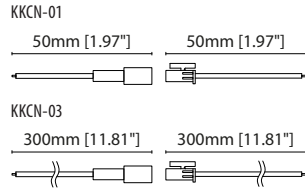
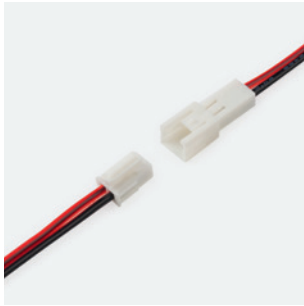
² Actual length of PCB strip

³ Actual length of 2x end caps

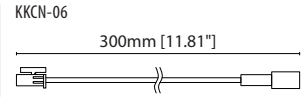


POWER FEED

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
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