

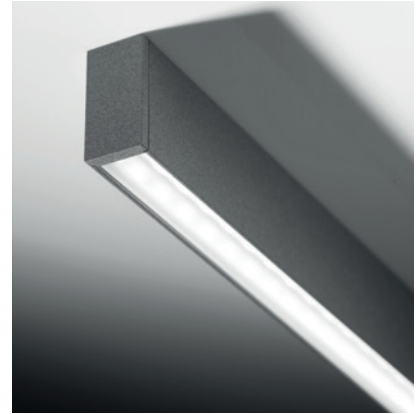
Linear

LiNi BLADE-S 352

Fixture Guide

KKDÖ

Indoor | Surface | Low output up to 370lm/m (112lm/ft)

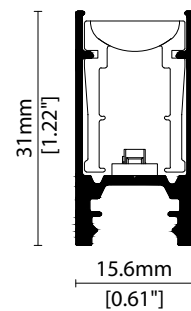


Key applications

- ✓ Ceiling
- ✓ Cove lighting
- ✓ Downlighting
- ✓ Interior
- ✓ Retail display
- ✓ Under cabinet
- ✓ Wall grazing

Key features

- ✓ Custom lengths
- ✓ Decorative
- ✓ Diffusion: Homogenous
- ✓ Direct view
- ✓ Extensive CCT range
- ✓ Form factor: Small
- ✓ IP40
- ✓ Lens options: 15°, 46°
- ✓ Output low



MOUNTING METHODS



KKCP-10 Concealed clip



KKSU-06 Suspension mounting kit

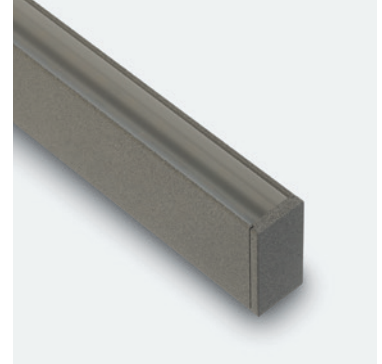
Linear

LiNi BLADE-S 352

Specification sheet



Dimension	H31/W15.6/L103.3-2020mm (H1.22/W0.61/L4.07-79.53in)
PCB increment	83.3mm increment/2000mm max (3.28in increment/78.74in 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	110° (Diffused Cover)/15° (KKLN-01D Lens)/46° (KKLN-01U Lens)
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 60°C (T _c max = 75°C) T _a = -13 to 113°F (T _c max = 129.7°F)
IP rating	IP40
Finish	Matt White/Matt Black/Matt Gray/Matt Silver/Bronze Powder coating
Cover/lens	Diffused/15° lens/46° lens
Mounting	Surface mounting via concealed clips
Power feed	Hardwire tails
Control	0-10V/1-10V/DMX/DALI



LED Grading Key

Exclusive Grade

s s-line*	*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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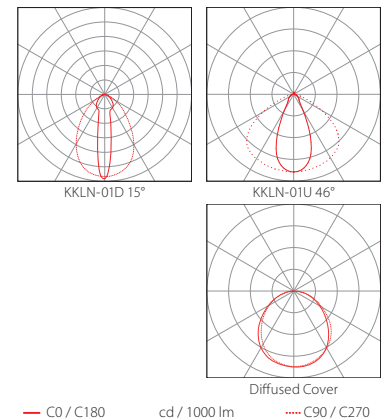
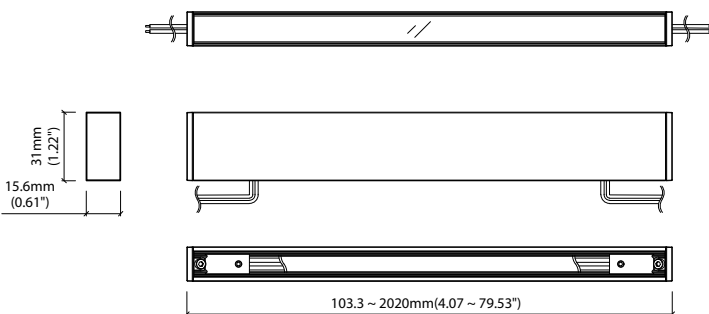
PERFORMANCE DATA @ 3000K

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	62	93	94	82	95	99

	15° (KKLN-01D)	46° (KKLN-01U)	Diffused Cover	CRI	R9	Rf	Rg
s/e-line	250lm/m (78.2lm/ft) 46.5lm/W	370lm/m (112lm/ft) 67.3lm/W	140lm/m (44.3lm/ft) 25.9lm/W	93	63	-	-
k-line	250lm/m (76lm/ft) 45.1lm/W	360lm/m (110lm/ft) 65.3lm/W	140lm/m (43lm/ft) 25.1lm/W	92	60	-	-



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

Linear

LiNi BLADE-S 352

Code Table



FIXTURE

Model	Finish	Cover/Lens ¹	Grade ²	LED	Colour (CCT)	Length Availability ³	IP	Cable Length	Power Feed ⁴	Input								
LiNi BLADE-S	BS	Matt White Paint	MW	Diffused	C	s	s	352	1900K	19	m 103.3-2020mm 83.3mm increments	IP40 40	300mm/ 11.81"	0300	Single no sheath tail	S00X	DC 24V	g
		Matt Silver Paint	MS	KKLN-01D 15°	S	e	e	2100K	21									
		Matt Grey Paint	MG	KKLN-01U 46°	R	k	k	2300K	23									
		Matt Black Paint	MB				2500K	25										
		Bronze Paint	BP				2700K	27										
							3000K	30										
							3500K	35										
							4000K	40										
							5000K	50										
							RED	RED s-only										
							GREEN	GRN										
							BLUE	BLU										
							ORANGE	ORN										
							AMBER	AMB										

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 Transparent suspension wire

Code Example:

BS	-	MW	-	C	-	s	-	352	-	35	-	m	520	-	40	-	0300	-	D00X	-	g
LiNi BLADE-S		Matt White Paint		Diffused		s		352		3500K		519.8mm		IP40		300mm/11.81"		Double no sheath tail		24V DC	

ACCESSORIES

Mounting Accessories

KKCP-10	Concealed Clip
KKSW-06	Suspension Mounting Kit

* 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	Output	LED	Lumen/m	Lumen/ft	W/m	W/ft	Spec Doc	Length	Increment
Single CCT	Low	352	250	78.2	5.5	1.67	LiNi BLADE-S 352	103.3-2020mm (4.07-79.53in)	83.3mm (3.28in)
	Mid	504	580	117	12.5	3.81	LiNi BLADE-S 504	120-2020mm (4.72-79.53in)	100mm (3.94in)
	Mid	508	820	250	17.5	5.33	LiNi BLADE-S 508	91.4-2020mm (3.60-79.53in)	71.4mm (2.81in)
Warm Dim/Dynamic White	Low	007	470	140	10.9	3.32	LiNi BLADE-S 007	103.3-2020mm (4.07-79.53in)	41.7mm (1.64in)
	Low	207	450	136	11	3.35	LiNi BLADE-S 207	103.3-2020mm (4.07-79.53in)	83.3mm (3.28in)
	Mid	208	720	220	15.6	4.75	LiNi BLADE-S 208	186.7-2020mm (7.35-79.53in)	166.7mm (6.56in)
RGB		501	Red 71 Green 153 Blue 25 RGB 221	Red 22 Green 47 Blue 8 RGB 67	15.6	4.75	LiNi BLADE-S RGB	103.3-2020mm (4.07-79.53in)	83.3mm (3.28in)

* Performance data: s/e-line, KKLN-01 15° lens, 3000K

LiNi BLADE-S 352

Length Availability List

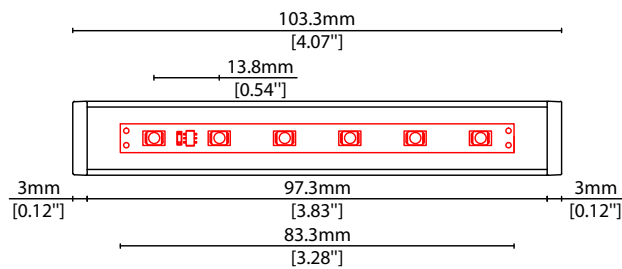


Length Code		Fixture Length ¹		LED Strip ²		End Cap Dimension ³		Wattage (W)	Output (lm)	
Metric	Imperial(US)	Metric	Imperial(US)	Metric	Imperial(US)	Metric	Imperial(US)		3000K (Test Data)	Range Data
m0103	i0004	103mm	4.07in	83mm	3.28in	5mm	0.20in	0.46	31	7-32
m0187	i0007	187mm	7.35in	167mm	6.56in	5mm	0.20in	0.92	62	14-64
m0270	i0011	270mm	10.63in	250mm	9.84in	5mm	0.20in	1.37	93	21-96
m0353	i0014	353mm	13.91in	333mm	13.12in	5mm	0.20in	1.83	123	28-128
m0437	i0017	437mm	17.19in	417mm	16.41in	5mm	0.20in	2.29	154	35-160
m0520	i0020	520mm	20.47in	500mm	19.69in	5mm	0.20in	2.75	185	42-192
m0603	i0024	603mm	23.76in	583mm	22.97in	5mm	0.20in	3.21	216	49-225
m0687	i0027	687mm	27.04in	667mm	26.25in	5mm	0.20in	3.67	247	56-257
m0770	i0030	770mm	30.32in	750mm	29.53in	5mm	0.20in	4.12	278	63-289
m0853	i0034	853mm	33.60in	833mm	32.81in	5mm	0.20in	4.58	308	70-321
m0937	i0037	937mm	36.88in	917mm	36.09in	5mm	0.20in	5.04	339	77-353
m1020	i0040	1020mm	40.16in	1000mm	39.37in	5mm	0.20in	5.50	370	84-385
m1103	i0043	1103mm	43.44in	1083mm	42.65in	5mm	0.20in	5.96	401	92-417
m1187	i0047	1187mm	46.72in	1167mm	45.94in	5mm	0.20in	6.42	432	99-449
m1270	i0050	1270mm	50.00in	1250mm	49.22in	5mm	0.20in	6.87	463	106-481
m1353	i0053	1353mm	53.29in	1333mm	52.50in	5mm	0.20in	7.33	494	113-513
m1437	i0057	1437mm	56.57in	1417mm	55.78in	5mm	0.20in	7.79	524	120-545
m1520	i0060	1520mm	59.85in	1500mm	59.06in	5mm	0.20in	8.25	555	127-577
m1603	i0063	1603mm	63.13in	1583mm	62.34in	5mm	0.20in	8.71	586	134-610
m1687	i0066	1687mm	66.41in	1667mm	65.62in	5mm	0.20in	9.17	617	141-642
m1770	i0070	1770mm	69.69in	1750mm	68.90in	5mm	0.20in	9.62	648	148-674
m1853	i0073	1853mm	72.97in	1833mm	72.18in	5mm	0.20in	10.08	679	155-706
m1937	i0076	1937mm	76.25in	1917mm	75.47in	5mm	0.20in	10.54	709	162-738
m2020	i0080	2020mm	79.53in	2000mm	78.75in	5mm	0.20in	11.00	740	169-770

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



Linear

LiNi BLADE-S 352

Options

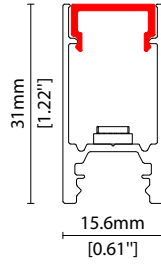
KKDC

COVER/LENS OPTIONS

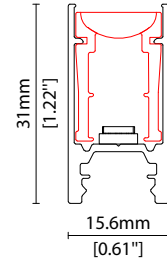
* Options are an integral part of the fixture ordering codes. Please refer to **Code Table** pages.



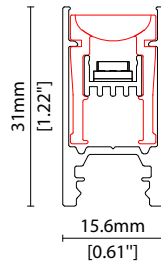
C Diffused Cover
Polycarbonate finish
W15.6/H31mm (W0.61/H1.22")



S KKLN-01D 15° lens
15° beam linear lens,
co-extruded PMMA
W15.6/H31mm (W0.61/H1.22")



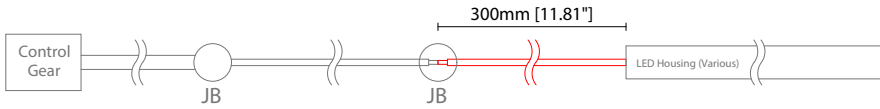
R KKLN-01U 46° lens
46° beam linear lens,
co-extruded PMMA
W15.6/H31mm (W0.61/H1.22")



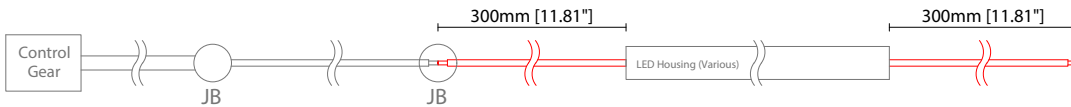
POWER FEED OPTIONS

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

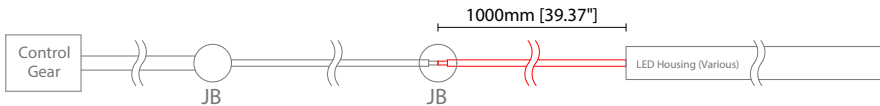
0300 S00X 300mm (11.81") Single no sheath tail



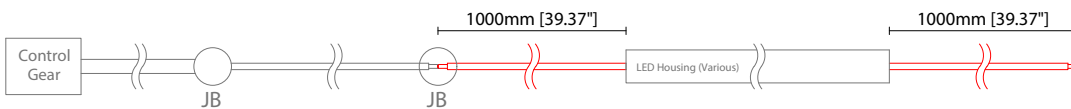
0300 D00X 300mm (11.81") Double no sheath tail



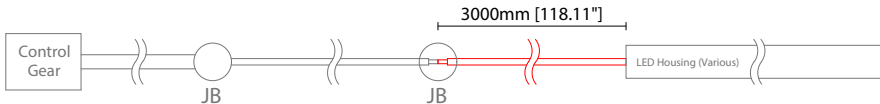
1000 S00X 1000mm (39.37") Single no sheath tail



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



3000 S00H 3000mm (118.11") Suspension single no sheath tail



Key

Control Gear Power supply, sub-controllers & control systems

JB Junction box / cable connection

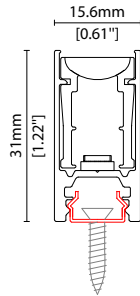
MOUNTING ACCESSORIES

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



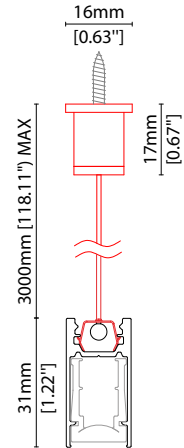
KKCP-10

Concealed clip
(allow 2 per metre/40in)
S/Steel finish
L20/W15.6/H31mm
(L0.79/W0.61/H1.22")

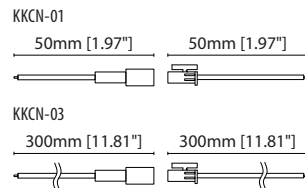
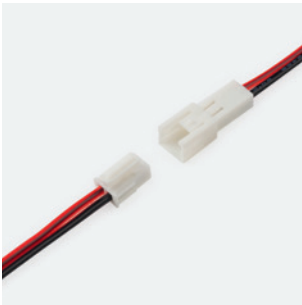


KKSU-06

Suspension mounting kit
(allow 2 per metre/40in)
S/Steel finish
L14.9/W16/H3031mm
(L0.59/W0.63/H119.33")



POWER FEED

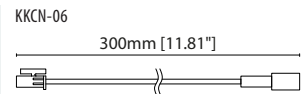


KKCN-01 50mm (1.97in) pair
KKCN-03 300mm (11.81in) pair
2 PIN male + female connector set



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 BLADE-S 352

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