



# TAYO Spot Fixture Guide



Indoor/Outdoor | Surface | Output up to 120lm/module

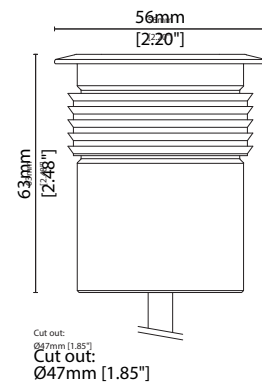


### Key applications

- ✓ Bathrooms
- ✓ Building façades
- ✓ Floor
- ✓ Interior/Exterior
- ✓ Orientation lighting
- ✓ Public spaces
- ✓ Uplighting
- ✓ Wall grazing

### Key features

- ✓ Diffusion: Spotting
- ✓ Direct view
- ✓ Driveover
- ✓ High lumen efficacy
- ✓ In-ground walk/driveover
- ✓ IP67
- ✓ Lensed



### MOUNTING METHODS



KKBK-13 In-ground housing



# TAYO Spot

## Specification sheet

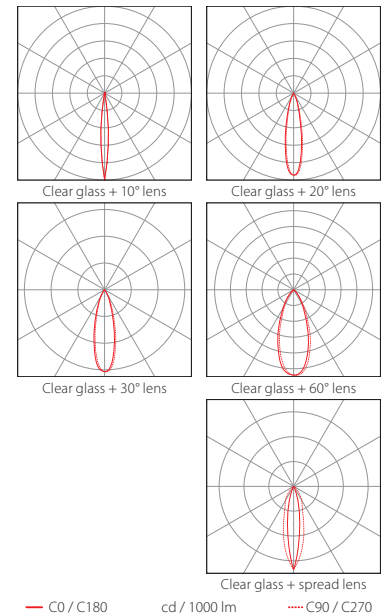
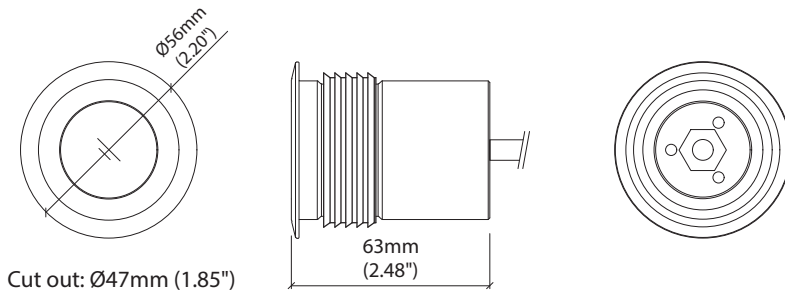


<b>Dimensions</b>	H63/Ø56mm (H2.48/Ø2.20in)
<b>PCB Cut-point</b>	-
<b>LED Pitch</b>	-
<b>Chip</b>	<b>h-line</b>
<b>Cover/Optics</b>	Clear Glass + 10°/20°/30°/60°/Spread Lens
<b>CCT</b>	<b>h-line:</b> 2200K/2700K/3000K/3500K/4000K/5000K Single colours: Red/Green/Blue
<b>LED binning</b>	<b>h-line:</b> 3-step MacAdam ellipse (2200K/2700K/3000K/3500K/4000K) 4-step MacAdam ellipse (5000K)
<b>CRI</b>	≥90(2700K/3000K) ≥80(2200K/3500/4000K) ≥75 (5000K)
<b>Lifetime</b>	50,000 hours @ 25°C (50,000 hours @ 77°F)
<b>Operating temp</b>	T <sub>a</sub> = -25 to 50°C (T <sub>c</sub> max = 70°C) T <sub>a</sub> = -25 to 122°F (T <sub>c</sub> max = 158°F)
<b>IP Rating</b>	IP67
<b>Finish</b>	Stainless steel 304
<b>Mounting</b>	Recessed mounting
<b>Power feed</b>	Single sheathed hardwire tail
<b>Control</b>	0-10V/1-10V/DMX/DALI (see visDIM range)



<b>Power consumption</b>	<b>Supply voltage</b>	<b>Supply current</b>
1.62W	12V DC	0.13A

	Clear Glass + 10°	Clear Glass + 20°	Clear Glass + 30°	Clear Glass + 60°	Clear Glass + Spread Lens	CRI	R9	Rf	Rg
<b>h-line</b>	118lm/module 74lm/w	116lm/module 73lm/w	110lm/module 69lm/w	120lm/module 75lm/w	118lm/module 74lm/w	-	-	-	-



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



# TAYO Spot Code Table



## FIXTURE

Model	Finish	Cover	Grade	LED	Colour (CCT)	IP	Cable Length	Power Feed	Lens	Input
TAYO Spot TP	Stainless Steel ST	Clear Glass E	h h	107	2200K 22 2700K 27 3000K 30 3500K 35 4000K 40 5000K 50 RED RED GREEN GRN BLUE BLU	IP67 67	1000mm/39.37" 1000	Single ø6.3mm sheath tail S00B	10° 10 20° 20 30° 30 60° 60 Spread Lens SL	DC 12V f

### Code Example:

TP	-	ST	-	E	-	h	-	107	-	30	-	67	-	1000	-	S00B	-	30	-	f
TAYO Spot		Stainless Steel		Clear Glass		h		TAYO		3000K		IP67		1000mm/39.37"		Single ø6.3mm sheath tail		30°		DC 12V

## ACCESSORIES

### Mounting Accessories

KKBK-13 TAYO Spot in-ground housing

\* Refer to **Mounting accessories** on **Accessories** pages

### Exterior Junction Boxes

KKJB-07 IP67 Slim J-Box

KKJB-07R Potting Resin for IP67 Slim J-Box

\* Refer to **Exterior Junction Boxes** on **Accessories** pages

### PSU/Driver

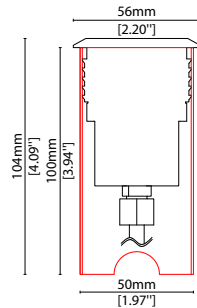
0-10V/1-10V/DALI/DMX

\* Refer to **Driver/PSU Options** page for details or provide requirement and KKDC to offer the suitable option



## MOUNTING ACCESSORIES

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



**KKBK-13**

TAYO Spot in-ground housing

Anodised aluminium finish

W50/H104mm

(W1.97/H4.09")

## EXTERIOR JUNCTION BOXES



**KKJB-07**

IP67 Slim J-Box

(including type A,B,C,D  
bushings)



**KKJB-07R**

Potting resin for IP67 Slim J-Box

**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)

**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)



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)

### AVAILABLE PSU OPTIONS

Control Mode	PSU (Order Code)	Input Voltage AC	Output Voltage DC	Rated Output Current	Rated Power	Dim %	IP Rating
Switched	CEN-60-12	90-295V	12V	5.0A	60W	-	IP67
	HLG-80H-12	90-305V	12V	5.0A	60W	-	IP67
	HLG-120H-12	90-305V	12V	10.0A	120W	-	IP67
	HLG-150H-12	90-305V	12V	12.5A	150W	-	IP67
	HLG-240H-12	90-305V	12V	16.0A	192W	-	IP67
0-10V (1-10V)	PWM-40-12	90-305V	12V	3.34A	40W	100-0.15 (100-10)	IP67
	PWM-60-12	90-305V	12V	2.5A	60W	100-0.15 (100-10)	IP67
	PWM-90-12	90-305V	12V	3.67A	90W	100-0.15 (100-10)	IP67
	PWM-120-12	90-305V	12V	10.0A	120W	100-0.15 (100-10)	IP67
DALI	LIN100A1	120-277V	12V	2.08A per channel	100W	100-0.1	IP66/IP40
DMX RGB	LIN100A1	120-277V	12V	2.76A per channel	100W	100-0.1	IP66/IP40
DMX RGBW	LIN100A1	120-277A	12V	2.08A 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	HLG-80H-12	KKDM-06	90-305V	12V	5.0A	60W	100-0.9	IP67/IP20
	HLG-120H-12	KKDM-06	90-305V	12V	10.0A	120W	100-0.9	IP67/IP20
	HLG-150H-12	KKDM-06	90-305V	12V	12.5A	150W	100-0.9	IP67/IP20
	HLG-240H-12	KKDM-06	90-305V	12V	16.0A	192W	100-0.9	IP67/IP20
DALI	CEN-60-12	KKDL-02/03/04/visDIM PRO 30	90-295V	12V	2.5A	60W	100-0.1	IP67/IP20
	HLG-80H-12	KKDL-02/03/04/visDIM PRO 30	90-305V	12V	2.5A	60W	100-0.1	IP67/IP20
	HLG-120H-12	KKDL-02/03/04/visDIM PRO 30	90-305V	12V	10.0A	120W	100-0.1	IP67/IP20
	HLG-150H-12	KKDL-02/03/04/visDIM PRO 30	90-305V	12V	12.5A	150W	100-0.1	IP67/IP20
	HLG-240H-12	KKDL-02/03/04/visDIM PRO 30	90-305V	12V	16.0A	192W	100-0.1	IP67/IP20
DMX RGB	HLG-80H-12	KKSC-05	90-295V	12V	5.0A	60W	100-0.9	IP67/IP20
	HLG-120H-12	KKSC-05	90-295V	12V	10.0A	120W	100-0.9	IP67/IP20
	HLG-150H-12	KKSC-05	90-305V	12V	12.5A	150W	100-0.9	IP67/IP20
	HLG-240H-12	KKSC-05	90-305V	12V	16.0A	192W	100-0.9	IP67/IP20

<sup>1</sup> The items shown above cover the most frequently used specification but does not exhaust the possible options

<sup>2</sup> 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

<sup>3</sup> Electrical shop drawing will include detailed information of PSU and relevant control drivers

<sup>4</sup> Cut sheets are available on the controls section of [www.kkdc.lighting](http://www.kkdc.lighting) or upon request