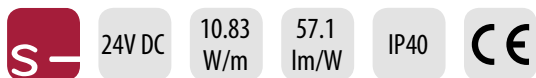


PICO 007

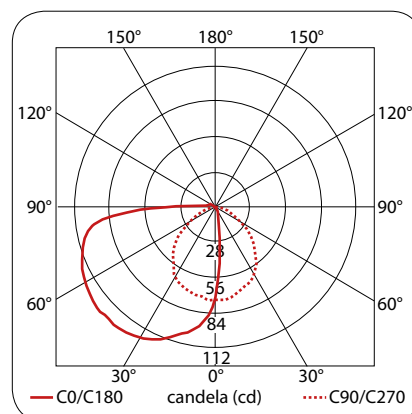
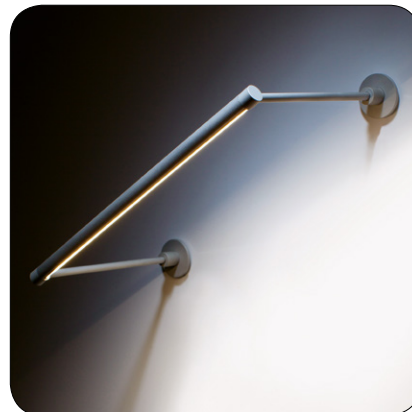
Linear

KKDC



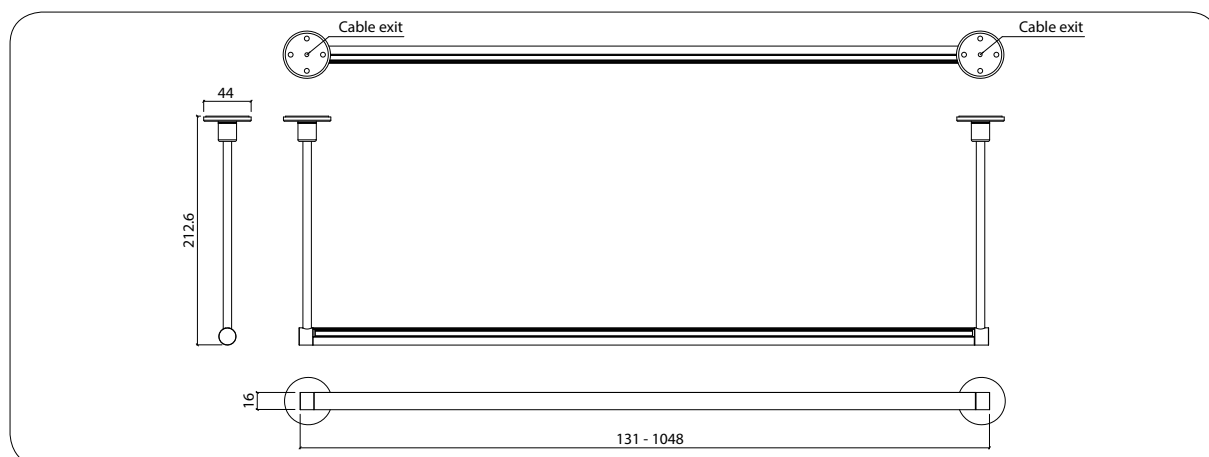
PRODUCT SPECIFICATION

Size :	H44/W212.6/L131-1048mm (Length excludes mounting plates)
Chip :	Toyoda Gosei
Beam angle :	90°
Colours :	White: 2300K/2500K/2700K/3000K/3200K/3800K/5000K Single colours: Red/Green/Blue/Orange/Amber
Bin/Step :	S-line 2 Step MacAdam ellipse
CRI :	≥ 90
Lifetime :	50,000 hours @ 25°C
Operating temp :	T _a = -20 to 60°C (T _c max = 79.4°C)
IP Rating :	IP40
Finish :	Silver anodised/custom colour
Cover/lens :	Diffused
Mounting :	Surface mounted wall brackets
Connection :	Hardwire tails (Polarity split between mounting arms)
Control :	1-10V/DMX/DALI (see visDIM range)



PERFORMANCE DATA for 1000mm @ 3000K + Clear cover

Power consumption	10.83W
Supply voltage	24V DC
Supply current	0.4512A
Luminous flux	618.4lm



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

See KKDC website for product document updates. www.kkdc.co.uk

PICO007S-06EN-20140624

PICO 007

Photometric Test Report

KKDC



PRODUCT DETAILS

Product name :	PICO 007
Stated output :	618.4lm
Description:	LED picture light, 3000K, 24V, 10.83W/m
Quantity/length of product tested :	1 x 129.2mm
Bin tolerance/#. MacAdams ellipse of chip :	2 Step MacAdam Ellipse (+/- 91K)

ELECTRICAL CHARACTERISTICS

Input Voltage (V DC) :	24.01
Input power (W DC) :	0.89
Input Current (mA DC) :	36

LIGHT OUTPUT

Total light output (Lumens) :	51
Luminaire efficacy (lm/W) :	57.11
Beam angle :	89°

COLOUR CHARACTERISTICS

Correlated colour temperature (CCT) :	2989K
Colour rendering index (CRI Ra) :	92
Chromaticity coordinates (CIE 1931 - x,y) :	0.4377, 0.4045

TEST DETAILS

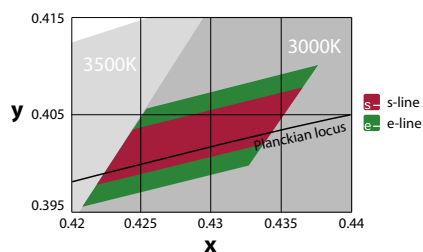
Test Standards	Data from independent UKAS accredited IESNA LM-79-08 testing of production samples.
Number of hours operated prior to test measurement :	24
Stabilisation time (minutes) :	90
Orientation/burning position :	Base Down
Ambient test temperature :	24.2°C
Data measured at luminaire :	V,W,mA,lm/W

COLOUR RENDERING INDEX (CRI)

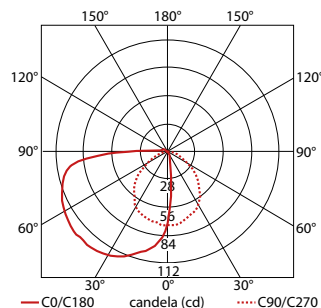
R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14
93.5	95.0	93.4	93.1	91.5	92.8	92.9	82.1	56.9	84.8	92.7	70.3	94.2	95.0

KKDC BIN DETAILS (CIE 1931)

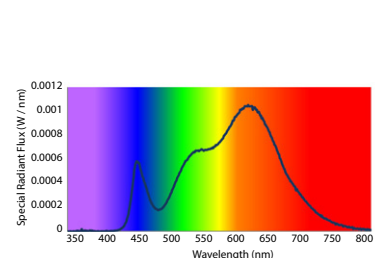
Source LED details



POLAR CURVE



SPECTRAL RADIANT FLUX VERSUS WAVELENGTH



TEST SPECIFICATIONS

Test Lab :	LUX-TSI Ltd, Pencoed Technology Park, CF35 5HZ, UK
Test equipment :	40-inch (1metre) Integrating Sphere Spectroradiometer System. Fluke 289 True RMS Multimeter. Yokogawa TY720 Digital Multimeter.
Measurement uncertainty :	Total Luminous Flux +/-5.6%, CCT +/-100K, CRI +/-2

