

SKYLINE DUOTEK 140

FILAMENT-WHITE™ 2,700° CRI 90 + TriRGB LINEAR EXTERIOR LED FIXTURE

FEATURES

Filament-White 2700°K CRI 90 Ra + RGB TriColour LEDs
NICHIA, Japan LEDs
 Single bin colour consistency
 High colour rendering
 Anodised aluminium body
 Tempered clear glass optic
 PWM dimming compatible

SPECIFICATION

24 Volt DC SELV 24V DC
 4 Channels (circuits)
 Common anode (+)
 7.1 mm LED-LED pitch
 14.3 mm W-W / Tri-Tri pitch
 140° or 70° beam options
 IP66 exterior protection
 IK8 impact resistance
 CRI Ra90 (Warm White)
 CRI Ra95 by colour mixing
 -20° ~+50°C ambient temp

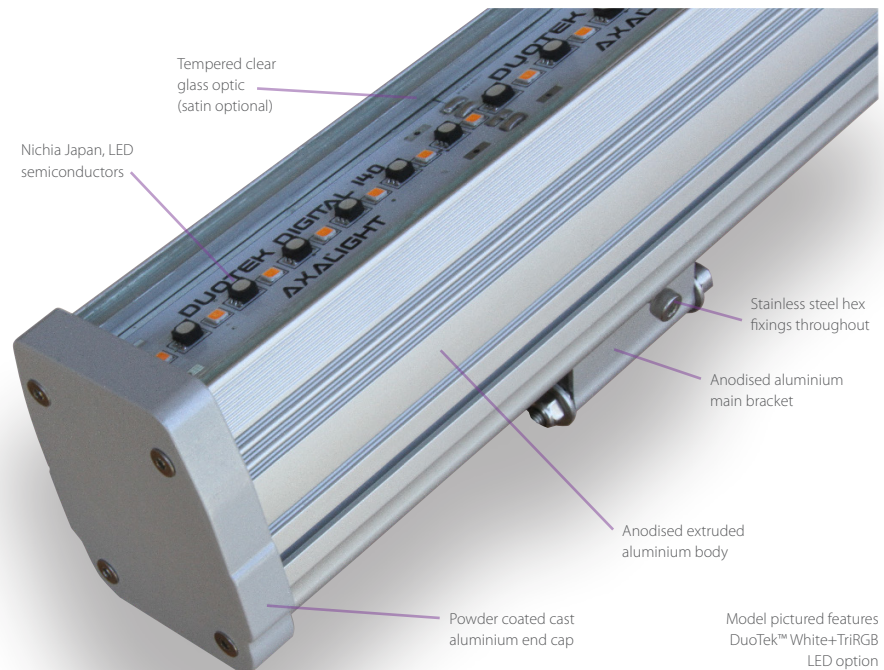
PER METER data

70 x Filament-White LEDs
 24 Watts (1.0A) - 2,400lm
 70 x TriRGB LEDs
 16 Watts (0.7A) - 450lm
 140 x LEDs TOTAL
 40 Watts (1.7A) - 2,950lm

PER MODULE data

100 mm PCB modules
 (10 modules per meter)
 7 x Filament-White LEDs
 2.4 Watts (100 mA) - 240lm
 7 x TriRGB LEDs
 1.6 Watts (67mA) - 45lm
 14 x LEDs TOTAL
 4.0 Watts (167mA) - 295lm

SKYLINE DUOTEK provides the perfect combination of Filament-White & TriRGB LED technologies specifically designed to enhance building architecture as part of the urban skyline



SKYLINE DUOTEK >140< is powered by high-efficiency, high CRI of 90 Ra, Filament-White 2700° Kelvin LEDs carefully combined with TriRGB colour mixing LED devices to provide endless colour mixing capabilities and true warm filament type white from the same fixture. Combining Filament-White and TriRGB sources allows for creation of clean cool white with a very high CRI of 95 Ra.

SKYLINE DUOTEK >140< can be colour controlled and smoothly dimmed, using external low voltage dimmer drivers even at very low brightness levels.

SKYLINE DUOTEK >140< is available in lengths from 100 to 1200mm (pto) allowing for utilisation even on complex building structures.



SKYLINE DUOTEK 140

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POWER SUPPLY

SKYLINE 24V is a Class III SELV product
 Use only SELV (Safety Extra Low Voltage) regulated power supplies of 24 Volts DC maximum
 Use PWM drivers with common anode (+) outputs
 Make all connections before energising system
 Ensure power supply voltage, LED driver and LED fixture voltage are compatible
 Keep cable runs to <15m to reduce voltage drop

ENVIRONMENT

SKYLINE is operates at ambient temperatures of -20° ~ +50° Centigrade
 Ensure that adequate cooling (or heating) is provided

MAINTENANCE

Schedule regular inspection, refer to our warranty document for additional information

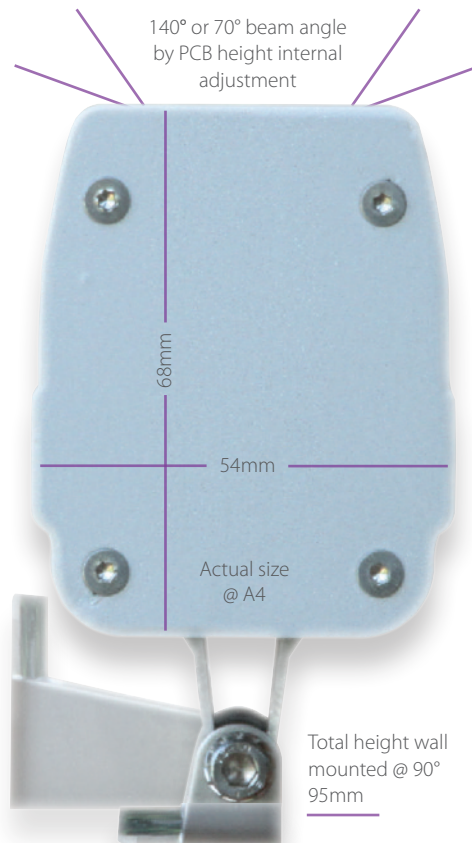
WARRANTY

5 Years, back to base

LED LIFE

Up-to 25,000 hours at high power, 100,000 hours in dynamic use.

CODE: SLDT140-LENGTH



Total height wall mounted @ 90° 95mm

Total height with bracket floor mounted 122mm

SKYLINE DuoTek CV Cable Colour Code		
FUNCTION	Cable Colour	Polarity
COMMON +	Yellow	+
Red -	Brown	-
Green -	Green	-
Blue -	Grey	-
White	White	-

Ensure correct polarity before energising

MODEL	LENGTH* mm	LEDs White	LEDs RGB	LEDs Total	Power (W) total	Flux (lm)	Current (A)	Weight (kg)
SLDT140-100	110	7	7	14	4	300	0.17	0.25
SLDT140-200	210	14	14	28	8	600	0.33	0.50
SLDT140-300	310	21	21	42	12	900	0.50	0.75
SLDT140-400	410	28	28	56	16	1,200	0.67	1.00
SLDT140-500	510	35	35	70	20	1,500	0.84	1.25
SLDT140-600	610	42	42	84	24	1,800	1.00	1.50
SLDT140-700	710	49	49	98	28	2,100	1.17	1.75
SLDT140-800	810	56	56	112	32	2,400	1.33	2.00
SLDT140-900	910	63	63	126	36	2,700	1.49	2.25
SLDT140-1000	1010	70	70	140	40	3,000	1.67	2.50
SLDT140-1100	1110	77	77	154	44	3,300	1.84	2.75
SLDT140-1200	1210	84	84	168	48	3,600	2.00	3.00

*Including 10mm for end caps