


96270788 FLEX 24L50 STR CL2 W5M D60 L740 ANT

LED 40W LED_FLEX_3800		IP66	IK09		T _a -20 +25	
-----------------------	---	------	------	---	---------------------------	--

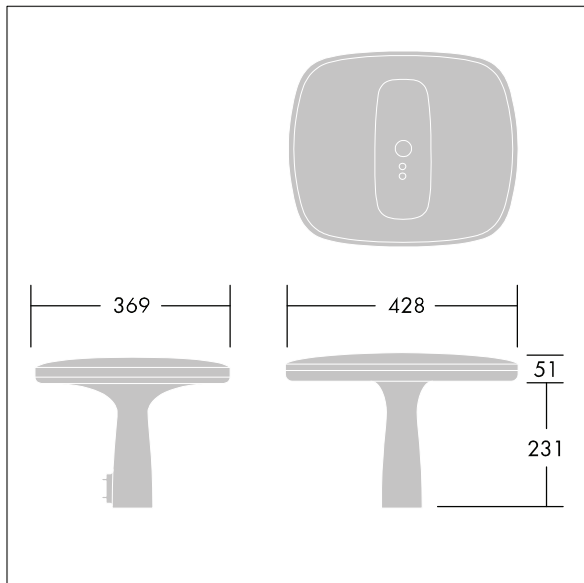
FleXity

A modern, discreet and versatile post top LED lantern with a asymmetrical distribution. Electronic, LED control gear driving 24 LEDs at 500mA. Compatible with DALI, 1-10V, RF, Power Line, Minicell, Nema, Presence Detection. Class II electrical, IP66, IK09. Canopy and base: die-cast aluminium (EN AC-46100) powder coated dark grey (close to RAL 7043). Enclosure: clear polycarbonate. Complete with 4000K LED. Post top mounting to Ø60mm column, maximum spigot length 75mm. Pre-wired with 5m cable.

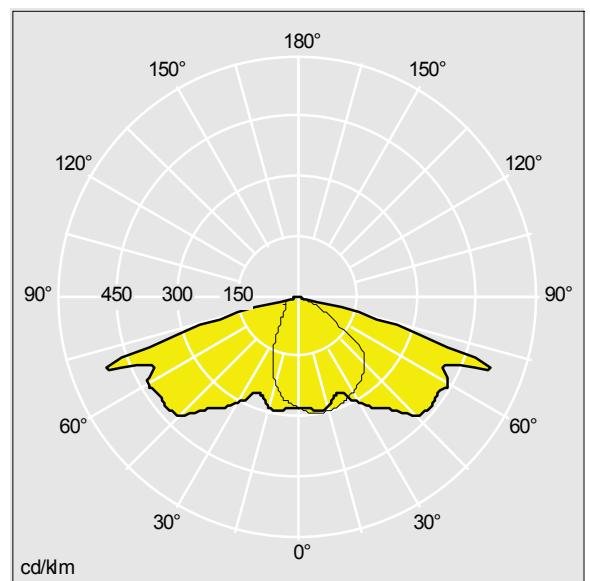
Dimensions: 370 x 430 x 290 mm
 Total power: 40 W
 Luminaire luminous flux: 3800 lm
 Luminaire efficacy: 95 lm/W
 Weight: 4.5 kg
 Scx: 0.038 m²



TLG_FLEX_F_D60PDB.jpg



TLG_FLEX_M_LD1.wmf



TLG_SP_0042021.idt

Lamp position: STD - standard
 Light Source: LED
 Total luminous flux*: 3800 lm
 Luminaire efficacy*: 95 lm/W
 Lamp efficacy: 95 lm/W
 Colour Rendering Index min.: 70

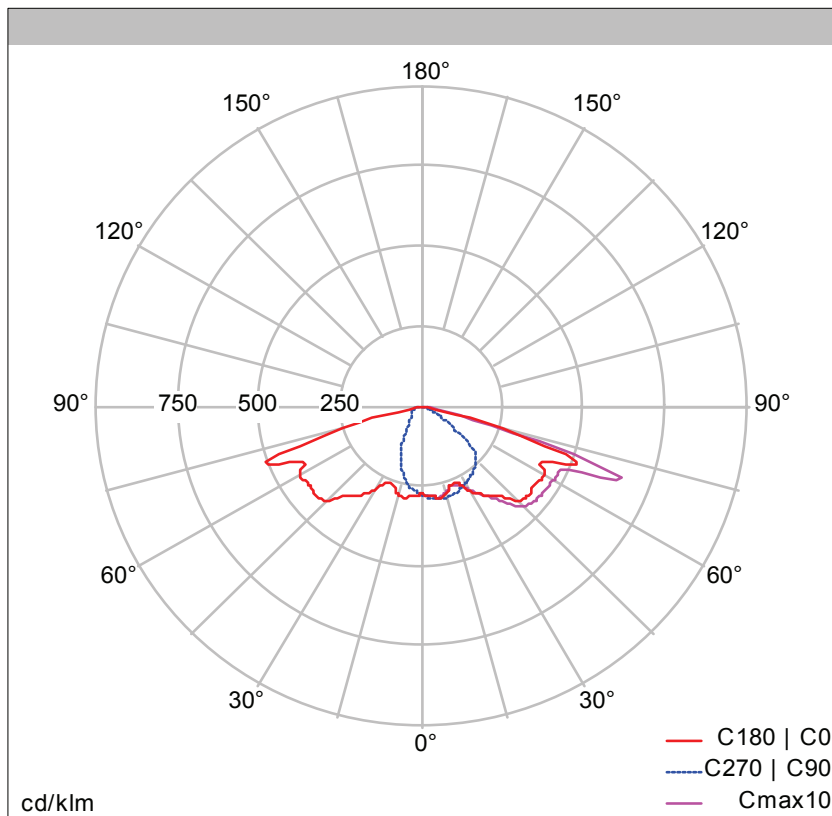
Correlated colour temperature*: 4000 Kelvin
 Rated median useful life*: 100000h L80 at 25°C
 Ballast: 1x EL2 CoolLED
 Luminaire input power*: 40 W
 Dimming: DIM_LED
 LOR: 1,00 ULOR: 0,00 DLOR: 1,00

All values marked with an * are rated values. Thorn uses tried and tested components from leading suppliers, however there may be isolated instances of technology-related failures of individual LEDs during the rated product lifetime. International standards set the tolerance in initial flux and connected load at $\pm 10\%$. Colour temperature is subject to a tolerance of up to ± 150 Kelvin from the nominal value. Unless stated otherwise, the values apply to an ambient temperature of 25°C.

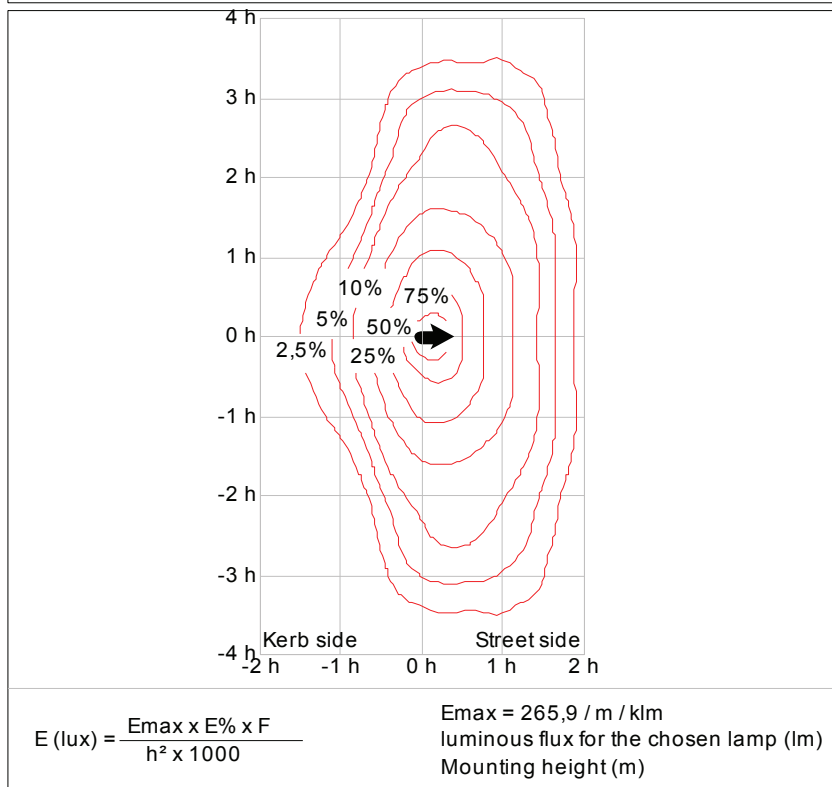
In most products the failure of one LED point causes no functional impairment to the lighting performance of the luminaire and is therefore no reason for complaint.

Thorn Lighting is constantly developing and improving its products. The right is reserved to change specifications without prior notification or public announcement.
 © Thorn Lighting

96270788 FLEX 24L50 STR CL2 W5M D60 L740 ANT



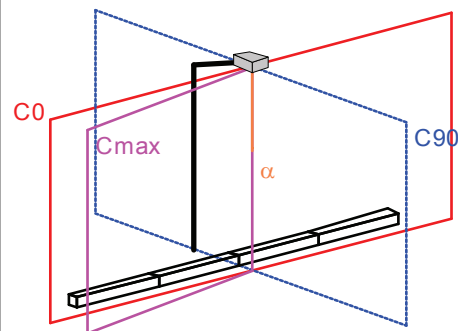
Description Flexity 24L50 STR CL2 W5M D60 L740 (96270788) - 500mA
 Measurement TLG_SP_0042021
 Lamps 1 x LED Stark RLE 49 x2 3800
 Lamp adjustment
 IP



Photometric data file: TLG_SP_0042021.ldt

Luminaire design attitude

Tilt: $\alpha = 0.0^\circ$



Maximum intensity

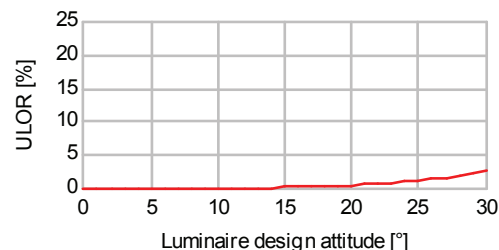
I_{max} 647 cd/klm
 C_{max} 10°
 γ_{max} 70°

Light Output Ratio

Luminaire design attitude 0.0°
 LOR 100.00
 ULOR 0.00
 DLOR 100.00

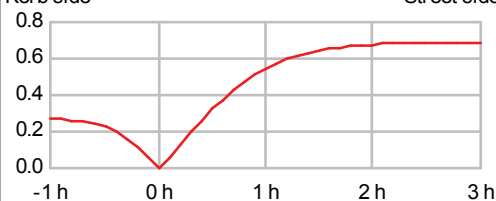
Upward light output ratio

3% for a tilt = 31° 5% for a tilt = 35°
 10% for a tilt = 41° 15% for a tilt = 45°
 20% for a tilt = 50° 25% for a tilt = 54°



Utilization Factors

0.5H = 0.32 1H = 0.55 2H = 0.68
 Kerb side Street side



Glare restriction Obtrusive light

Luminous intensity class G3

γ	Meas. Data I_{max} in cd/klm	Specified in EN 13201-2
70°	647	
80°	36	100
90°	0	20
>95°	0	