

100 PRO LED ENGINE flexiK

25W FLEXIBLE WHITE
LED ENGINE



- Feather weight construction, ~150 grams
- Class 2 LED module with external LED driver
- >80 lm/W module
- Colour rendering index, ProART Ra~95
- 3 steps MacAdam ellipse binning
- ATePS™ smart thermal dimming to protect LED lifetime
- ComfyEYE aspect provides high quality uniform and comfort light with low stroboscopic optical flicker less than 5%**
- IP40



The information above is at nominal values accuracy of +/-7%.

* ATePS™ Automated Thermal Protection System is the trademark of ELR

** Optical flicker percentage is measured at maximum output. ComfyEYE for NEST is only available with R45 all-in-one LED driver (PH, AN, DA) and 36V COB LED Chipsets

flexiK is recommended to pair with Soft Lens for better colour mixing effect.

APPLICATION

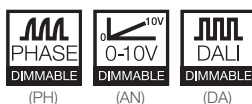
- Hotel and galleries
- Offices
- Retail, fashion stores and showroom
- Residential

TECHNOLOGY BENEFITS

- Superior light rendering quality offering balanced white with embedded green and red tone
- Excellent cost savings and quicker ROI
- Quick installation, no costly modification required
- Low maintenance
- Comfort, safety and no glass

AVAILABLE OPTIONS

DRIVER



TEMPERATURE



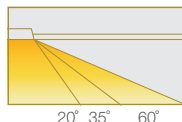
ProART



flexiK

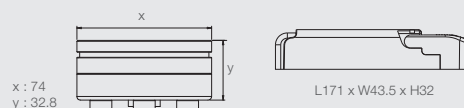
BEAM ANGLE

flexiK
100 PRO



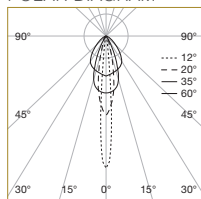
DIMENSIONS (MM)

*Displayed height measurements are for highest point of fitting.

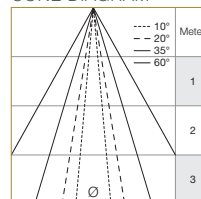


100 PLE

POLAR DIAGRAM



CONE DIAGRAM



Ø = DIAMETER

	Emax (lx)			
	12°	20°	35°	60°
E (0°)	27565	10467	5990	1592
Cone DØ (m)	0.22	0.40	0.72	1.73
E (0°)	6891.25	2616.75	1497.5	398
Cone DØ (m)	0.44	0.80	1.44	3.46
E (0°)	3063	1163	666	177
Cone DØ (m)	0.66	1.20	2.16	5.19

SYSTEM SPECIFICATIONS

LED Lamp Power	LED System Power	Colour	CCT	Beam Angle	PROART CRI 95		Driver Options
					Intensity (cd)	Luminous Flux	
25W	30W	flexiK	1800K ~ 6500K	60°	950	1800	PH, AN, DA
				35°	3950	2000	
				20°	6950	2000	

the table information is at nominal values accuracy of +/-7%
nominal CRI ~95, equal to Ra >90-97, R9 > 50

DETAILS SPECIFICATION

Family Type	100 PRO LED ENGINE flexiK Series
Mains voltage	100 - 240, 50Hz
Colour options	Gold anodized
Installation Compatibility	Optional with AR111 mounting brackets
Lifetime	50,000 hours (80% lumen maintenance at Ta = 35C), B10
Dimming	DALI device type 8
Mains connection	Loop-in-loop-out terminals for convenient connection
Materials	Aluminium, plastic
Fire safety	Glow wire test 850C, UL94V-0, WW-1
Flammability mark	F
IP code	IP40
Safety class	Class 2
Accessories	AR111
Standards	IEC 62031, IEC 61347-2-13
Regulatory markings	CE, CB, RCM
Weight	150g

LED MODULE				DRIVER
LED Power	Beam Angle	Colour Temp	CRI	Dimming
ELR100PLE 25W	20°	FK## flexiK	PA ProART	PH Phase
	35°			AN 0-10V
	60°			DA DALI

denotes the first two digits of preferred CCT ranging from 1800K to 6500K by increment of 100K
(ELR 100 PRO 25W LED Engine, 35° Beam Angle, 3500K CCT, ProART CRI>95, Phase Dimmable Driver)

example: ELR100PLE.35.FK35.PA.PH