

300 PRO flexiK

36W FLEXIBLE WHITE
LED MODULE



- Feather weight construction, ~760 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%**
- X-BEAM converging optical lens maximises luminaire light output ratio
- IP40



* 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 36W COB LED Chipsets

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

APPLICATION

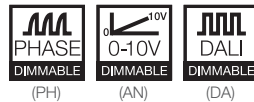
- Hotel and galleries
- Offices
- Retail, fashion stores and showroom
- Residential

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



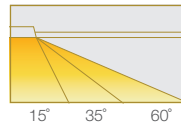
ProART



flexiK

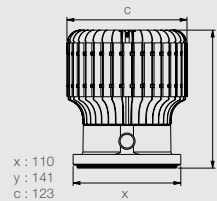
BEAM ANGLE

flexiK
300 PRO

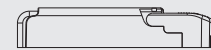


DIMENSIONS (MM)

*Displayed height measurements are for highest point of fitting.



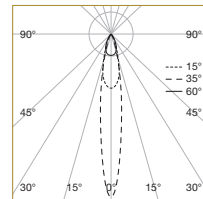
x : 110
y : 141
c : 123



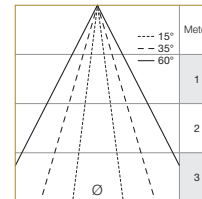
L171 x W43.5 x H32

300 PRO flexiK / tuneWHITE™

POLAR DIAGRAM



CONE DIAGRAM



Ø = DIAMETER

	E _{max} (lx)		
	15°	35°	60°
E (0°)	27015	8919	3479
Cone DØ (m)	0.27	0.59	1.02
E (0°)	6754	2230	870
Cone DØ (m)	0.55	1.18	2.05
E (0°)	3002	991	387
Cone DØ (m)	0.82	1.78	3.07

SYSTEM SPECIFICATIONS

LED Lamp Power	LED System Power	Colour	CCT	Beam Angle	PROART CRI 95		Driver Options
					Intensity (cd)	Luminous Flux	
36W	43W	flexiK	1800K ~ 6500K	60°	3480	3000	PH, AN, DA
				35°	8920		
				15°	27020		

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

DETAILS SPECIFICATION

Family Type	300 PRO flexiK Series
Mains Voltage	220-240, 50Hz
Colour options	Black
Installation Compatibility	Compatible with AR111 mounting brackets
Lifetime	50,000 hours (80% lumen maintenance at Ta = 35°C), B10
Dimming	Phase (triac) dimmer, 0-10V, DALI
Mains connection	Loop-in-loop-out terminals for convenient connection
Materials	Aluminium, plastic
Fire safety	Glow wire test 850°C, UL94V-0, VW-1
Flammability mark	F
IP Code (Module Only)	IP40
Safety class	Class 2
Standards	IEC 62031, IEC 61347-2-13
Regulatory markings	CE, CB, RCM
Weight	~ 760g

LED MODULE				DRIVER
LED Power	Beam Angle	Colour Temp	CRI	Dimming
ELR300P 36W	15°	flexiK	95	Phase
	35°	flexiK	95	0-10V
	60°	flexiK	95	DALI

denotes the first two digits of preferred CCT ranging from 1800K to 6500K by increment of 100K
(ELR 300 PRO 37W LED Module, 15° Beam Angle, 3500K CCT, ProART CRI>95, Phase Dimmable Driver)

example: ELR300P.15.FK35.PA.PH