

# 300 PRO

## 36W LED MODULE



### AVAILABLE OPTIONS

#### LED MODULE

##### SINGLE CCT



#### DRIVER DIMMING



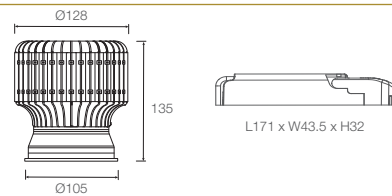
### TECHNOLOGY AND FEATURES

Advanced Thermal Protection System

Low Flicker,  
No Risk  
(IEEE 1789)

Converging Optical Lens  
Maximising LOR

### DIMENSIONS (MM)

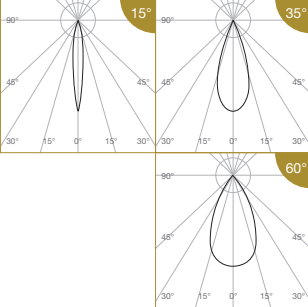


SPECIFICATIONS

Family Type	300 Series
Mains Voltage	220-240V, 50Hz
Typical Operating Voltage	36V
Typical Operating Current	1000mA
Colour	Black
Installation Compatibility	Compatible with ELR size-6 fixtures or most AR111 fittings.
Lifetime	50,000 hours (80% lumen maintenance at Ta = 35°C), B10
Beam Angles	15°, 35°, 60°
Colour Temperatures	2700K, 3000K, 3500K, 4000K, 5000K
CRI	High Efficiency (CRI-85), ProART (CRI-95), ProART98 (CRI-98)
SDCM	2 step MacAdam ellipse binning

Driver (Dimming)	Non-dim, phase (leading & trailing edge), 0-10V, DALI
Mains Connection	Screw terminals for convenient connection
Materials	Aluminium, plastic
Fire Safety	Glow wire test 850°C, UL94V-0, VW-1
Flammability Mark	F
Ingress Protection	IP40
Safety Class	Class 2
Standards	IEC 62031, IEC 61347-2-13
Regulatory Markings	CE, CB, CCC, RCM, BIS, TIS, SIRIM-ST, RoHS
Weight	760g

300 PRO SINGLE CCT



Height (m)		E <sub>max</sub> (lx)		
		15°	35°	60°
1	E(0°)	32944	10877	4242
	Cone Ø (m)	0.27	0.59	1.02
2	E(0°)	8236	2719	1061
	Cone Ø (m)	0.55	1.18	2.05
3	E(0°)	3660	1209	471
	Cone Ø (m)	0.82	1.78	3.07
4	E(0°)	2059	680	265
	Cone Ø (m)	1.10	2.37	4.09
5	E(0°)	1318	435	170
	Cone Ø (m)	1.37	2.96	5.12

ELR LED Module				Luminous Flux (lm)		
Type	LED Power	System Power	CRI	3000K		
				15°	35°	60°
300 Pro	36W	43W	High Efficiency CRI-85	4300	4300	4300
			ProART CRI-95	3655	3655	3655
			ProART98 CRI-98	3010	3010	3010

Data are based on 3000K (ProART CRI-95). Nominal data of 2700K and 3500K are shared with 3000K. Higher CCT of 4000K and 5000K will have a nominal data value of 5% higher than published. (f = 1.05)  
 High Efficiency CRI-85 will have a nominal data value of 15% higher than published. (f = 1.17)  
 ProART98 CRI-98 will have a nominal data value of 8% lower than published. (f = 0.92)  
 Nominal CRI-85, equals to Ra=80-87, R9>0  
 Nominal CRI-95, equals to Ra=90-97, R9>50  
 Nominal CRI-98, equals to Ra=97-99, R9>93

ORDERING MATRIX CHART

LED Module						Driver		
LED Power	Beam Angle		Colour Temp		CRI	Dimming		
ELR300P	36W	15°	27	2700K	HE Ra-85	ND	Non-Dim	
		35°	30	3000K	PA ProART	PH	Phase	
		60°	35	3500K	PP ProART98	AN	0-10V	
			40	4000K			DA	DALI
			50	5000K				

example: ELR300P:15.40.PA.PH