

Application

Beam style	well-defined, flat field projection	
Suitable for	theatres, stages, concerts, sports- and exhibition halls, convention centres, cruise-ships or worship venues	
Specification level	professional range	
Beam angle	14°- 35°	Typical throw distance 10 – 60m

Electrical specifications

Light source	600W LED, White	
Supply Volts	100/260V AC single phase	
Frequency / Current	50/60Hz – 1.17A @ 230v ac- 2.35A @ 110V AC	
Power consumption	630W at full power, 9W in sleep mode	
Cable/connection	2.5m, 3 x 1.5mm ² cable, Power-con to bare ends	
Standards Compliance	EN60598-2-17, CE marked	

Mechanical specifications

Construction	extruded aluminium and sheet steel	
Mounting	steel stirrup with 12mm centre hole and DIN mounting.	
Handle	rear	
Weight/Packed weight	20,6 kg / 22,8 kg	
Colour frame	metal, 185 x 185 mm, supplied	

Operational specifications

Focus adjustment	slide zoom controls (diameter and softness) at side	
Beam shaping	4 shutter blades, supplied; iris diaphragm, accessory	
DMX channels/connection	1 to 3 ch/ XLR5 connectors, IN/OUT	
RDM	integrated	
Dimming	manual, from rear panel or remote, 8 or 16 bits, via DMX	
Dimming speed	4 options: Slow, Normal, Fast and Snap	
LED temperature	built-in sensor for real time monitoring	
Ambient temperature	35°C max.	
Fade curves	2 curves (linear, square)	
LED Frequency	Pure DC – flicker-free	
LCD display	set-up, DMX, monitor, diagnostics	

Optical specifications

Optical system	double condenser with variable zoom	
LED array	white, round-shaped replaceable	
Rated LED life	50,000 hours at 25°C, maintains 70% of original intensity	
Beam colour temperature	3200K or 6000K	
CRI (Colour Rendering Index)	Ra>90; R9 >80; R12>75;	

Accessories

Iris diaphragm	20100707	Gobo holder A/B size	20100807
Hook clamp	20100900	Safety bond	20101300
Remoto	20702072	for the management of software upgrades/downloads	

Photometric data

Narrow Angle 3200K – 32,8 lm/W (at 7500mA)

Beam dia.	4.9	6.1	7.4	8.6	9.8	11.1	12.3	13.5	14.7	m
lux	774	496	344	253	193	153	124	102	86	
Distance	20	25	30	35	40	45	50	55	60	m

Wide Angle

Beam dia.	6.2	9.3	12.4	15.5	18.6	21.7	24.8	27.9	31.1	m
lux	735	326	184	118	82	60	46	37	29	
Distance	10	15	20	25	30	35	40	45	50	m

Narrow Angle 6000K – 56,62 lm/W (at 7500mA)

Beam dia.	5.3	6.6	7.9	9.2	10.5	11.8	13.2	14.5	15.8	m
lux	998	638	443	325	249	197	160	132	111	
Distance	20	25	30	35	40	45	50	55	60	m

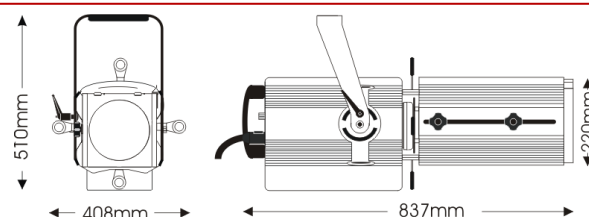
Wide Angle

Beam dia.	5.9	8.9	11.8	14.8	17.8	20.7	23.7	26.7	29.6	m
lux	924	411	231	148	103	75	58	46	37	
Distance	10	15	20	25	30	35	40	45	50	m

stella 18/36

600W, 100/260VAC, DMX512 + RDM
wide-angle LED profile

part #	■ 01604030	3200K
part #	■ 01604130	6000K



The latest model of LED profile spots from LDR, the STELLA 18/36 produces an astonishingly pure beam of white light with an extremely flat field. Its double-condenser optics grants a highly defined beam and perfectly sharp gobo projection from any position, whereas its integrated state-of-the-art LED engine and electronic control system prevent any colour shift during dimming.

With its 600W 3200K Warm White or 6000K Cool White beam generated by a single-source 600W COB, the STELLA range currently offers the widest choice available on the market in its category.

Its outstanding performance makes the STELLA 18/36 the perfect choice for wide-angle, long-throw projections in large venues such as theatres, stages, concerts, sports- and exhibition halls, convention centres, cruise-ships or worship venues.

Standard features include a 4-shutter rotating gate, 14° to 35° wide angle zoom focus, adjustable yoke, remote control by DMX512 or RDM and manual control from rear panel.

Standard delivery includes a metal colour-frame, 4-black shutter blades and 2m mains cable with fitted Power-Con. A full range of accessory options complement the range.



Luci della Ribalta srl
Via Berna 14
46042 Castel Goffredo (MN), Italy
tel: +39 0376 771777

www.ldr.it info@ldr.it

issue: ap | ©2026. LDR reserves the right to alter the specification without prior notice.

LUCI DELLA RIBALTA PROFESSIONAL LIGHTING PRODUCTS