

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	8°- 24°	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 & suspension	steel stirrup 12mm centre hole + DIN mounting.	
Handle	rear	
Weight/Packed weight	20,8 kg / 23,5 kg	
Colour frame	metal, 185 x 185mm, 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 (at7500mA)

Beam dia.	2.8	3.5	4.2	4.9	5.6	6.3	7	7.7	8.4	m
Lux	1817	1162	807	593	454	359	291	240	202	
Distance	20	25	30	35	40	45	50	55	60	m

Wide angle

Beam dia.	4.2	6.2	8.3	10.4	12.5	14.6	16.6	18.7	20.8	m
lux	1302	579	325	208	145	106	82	64	53	
Distance	10	15	20	25	30	35	40	45	50	m

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

Beam dia.	2.8	3.5	4.2	4.9	5.6	6.3	7	7.7	8.4	m
lux	2034	1302	904	664	508	402	326	269	226	
Distance	20	25	30	35	40	45	50	55	60	m

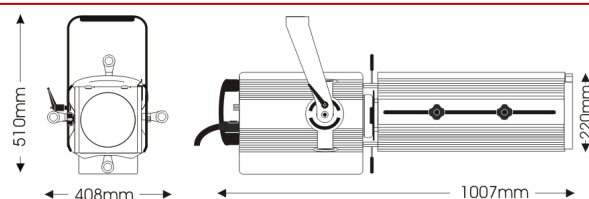
Wide angle

Beam dia.	4.2	6.2	8.3	10.4	12.5	14.6	16.6	18.7	20.8	m
lux	1397	621	350	224	155	114	87	69	56	
Distance	10	15	20	25	30	35	40	45	50	m

stella 8/22

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

part #	■ 01604020	3200K
part #	■ 01604120	6000K



The latest model of LED profile spots from LDR, the STELLA 8/22 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 8/22 the perfect choice for narrow-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, 8° to 24° narrow 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