

## 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	31° - 53°	Typical throw distance	10 – 30m

## 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 <sup>2</sup> 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	20,4 kg / 22,1 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		
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.	5.5	7.8	10.0	12.2	14.4	16.6	m
lux	1281	654	395	265	190	142	
Distance	10	14	18	22	26	30	m

Wide Angle							
Beam dia.	5.0	8.0	11.0	14.0	17.0	19.9	m
lux	1764	689	365	225	153	110	
Distance	5	8	11	14	17	20	m

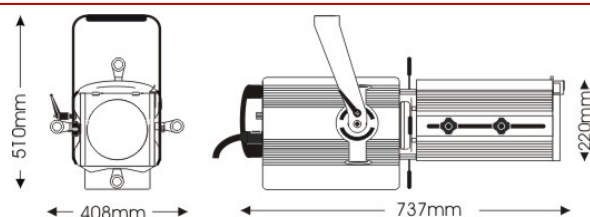
Narrow Angle		6000K – 56,62 lm/W (at 7500mA)					
Beam dia.	5.5	7.8	10.0	12.2	14.4	16.6	m
lux	1344	686	415	278	199	149	
Distance	10	14	18	22	26	30	m

Wide Angle							
Beam dia.	5.0	8.0	11.0	14.0	17.0	19.9	m
lux	2184	853	451	279	189	137	
Distance	5	8	11	14	17	20	m

# stella 30/55

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

part #	■ 01604040	3200K
part #	■ 01604140	6000K



The latest model of LED profile spots from LDR, the STELLA 30/55 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 30/55 the perfect choice for very 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, 31° to 53° very 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** PROFESSIONAL LIGHTING PRODUCTS



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

[www.ldr.it](http://www.ldr.it) [info@ldr.it](mailto:info@ldr.it)

issue: ap ©2025. LDR reserves the right to alter the specification without prior notice.