

## Application

Beam style	well-defined, flat field projection	
Suitable for	theatres, TV studios, permanent shows, churches, worship venues, arenas, multi-purposes halls, rental	
Specification level	professional range	
Beam angle	8°- 23°	Typical throw distance 5-40m

## Electrical specifications

Light source	230W LED, white	
Supply Volts	100/260V AC single phase	
Frequency / Current	50/60Hz – 1.17A @ 230v ac- 2.35A @ 110V AC	
Power consumption	250W at full power	
Cable/connection	1.5m, 3 x 1.5mm <sup>2</sup> cable, Powercon to bare ends	
Standards Compliance	EN60598-2-17, CE marked	

## Mechanical specifications

Lamp House Construction	extruded aluminium and sheet steel	
Mounting & suspension	steel stirrup with 12mm centre hole and DIN mounting. spigot for ø28mm tube supplied	
Handle	2 side-handles	
Weight/Packed weight	19.5 kg / 24.6 kg	
Colour frame	metal, 185 x 185mm, not supplied	

## Operational specifications

Focus adjustment	slide zoom controls (dia. and softness) at side	
DMX channels/connection	1to 3 ch/ XLR5 connectors, IN/OUT	
LED	white COB, single source, no colour shift when fading	
Dimming	positionable external activator; remote DMX 8 or 16 bits or mechanical	
Strobe effect	can be activated via DMX	
LED temperature	built-in sensor for real time monitoring	
Ambient temperature	35°C max.	
Fan speed control	3 modes available: Silent/Auto/Constant	
Fade curves	2 curves( linear, square)	
LED Frequency	16KHz – Flicker free	
LCD display	set-up, DMX, monitor, diagnostics	
RDM	integrated	
Software upload	remote, via DMX 512 cable	

## Optical specifications

Optical system	double condenser with variable zoom	
LED array	white, replaceable	
Rated LED life	50,000 hours at 25°C	
Beam colour temperature	3200K and 5600K	
CRI (Colour Rendering Index)	>90	

## Accessories

Metal col.frame+ front runners	■20109106		
5-colour colour changer	■20105106	6-colour colour changer	20105206
Spare iris diaphragm	20100707	Gobo holder A/B size	20100807
Black tripod	20102401	Chrome plated tripod	20102402
Spare spigot ø29mm	20102200	Stirrup-kit for suspension	20102900
Clamp-on manual dimmer	20702071	Spigot with fluid head	20102100
Flight case	20107180	for followspot, col. changer, tripod	

## Photometric data

Narrow focus										3200K
Beam dia.	0.8	1.6	2.4	3.1	3.9	4.7	5.5	6.3		m
lux	15288	3822	1699	955	611	425	312	240		
Distance	5	10	15	20	25	30	35	40		m

Wide focus										
Beam dia.	1.6	2.4	3.3	4.1	4.9	5.7	6.5	7.3	8.1	m
lux	9187	4083	2297	1470	1020	749	574	453	367	
Distance	4	6	8	10	12	14	16	18	20	m

Narrow focus										5600K
Beam dia.	0.8	1.6	2.4	3.1	3.9	4.7	5.5	6.3		m
lux	15918	3980	1768	995	637	442	324	249		
Distance	5	10	15	20	25	30	35	40		m

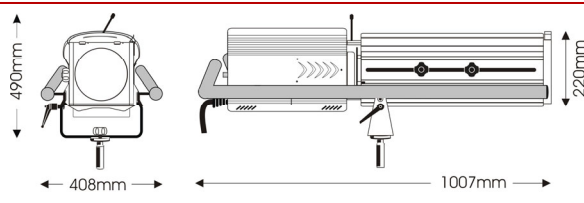
Wide focus										
Beam dia.	1.6	2.4	3.3	4.1	4.9	5.7	6.5	7.3	8.1	m
lux	9844	4375	2461	1575	1094	803	615	486	394	
Distance	4	6	8	10	12	14	16	18	20	m

LUCI DELLA RIBALTA PROFESSIONAL LIGHTING PRODUCTS

# astro 250 HP

230W, 100/260VAC, DMX512 + RDM  
LED followspot

part # : 01207370 3200K – K01207370 Kit  
01207380 5600K – K10207380 Kit

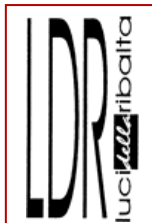


Astro HP is the high-power version of the popular ASTRO followspot. Fitted with a new, custom-designed optics which dramatically enhances the light output, the Astro HP is suitable for medium-long throws in all followspot applications.

Stylish, compact and extremely high efficiency white led power source, digital dimming, flicker free, cold fixture in stand by mode, constant colour temperature at any light intensity.

Astro HP is ideal in all those applications where heat, energy saving and long life source are a concern. Its attractive design makes it the obvious choice in TV studios, circuses, churches, permanent shows, amusement parks, theatres.

Astro HP is available in 3200K and 5600K white light and standard delivery includes the iris diaphragm and the spigot. The kit version also includes mounted colour changer, black or chrome-plated followspot tripod and flight case.



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 ©2021. LDR reserves the right to alter the specification without prior notice.