

CINESTAR

by Airstar

versatile LED lighting balloon

- > Maximal diffusion:
fill light at 120°
- > Powerful LED lighting
- > Outdoor and indoor use



aIRSTAR

SPIRIT OF FREEDOM

lighting data

Light source	newest generation LED
Colour temperature	from 2,700 K to 6,500 K
Average efficiency at 4,400 K	93 lm/W
Nominal power	850 W
Regulation type	constant current
Diffusion angle	120° (chart 1.)
CRI - colour rendering index	> 95 (chart 2.)
Flicker free	31 kHz
Dimmer	0%-100%
Potentiometer	- colour temperature - intensity
In/out DMX connector	5 pin
Remote Device Management (RDM)	DMX setup
Noise level	0 dB
LED lifetime*	50,000 h
Set up time	15 min
Inflation type	external pump

*Under normal conditions of use

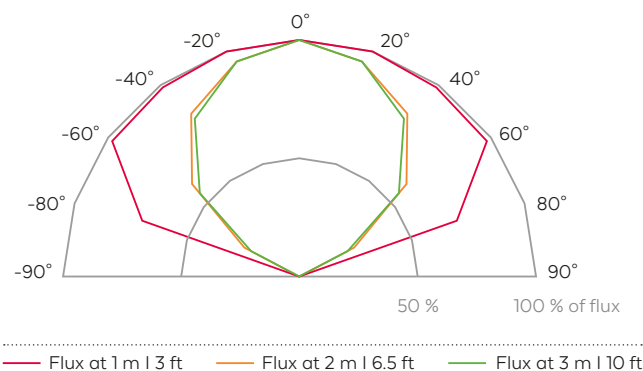
power supply

Max. entry power	1000 W
Balloon to power supply cable length	10 m 30 ft
Connector to power supply cable length	2 m 6 ft
Noise level (remote power supply)	23 dB
Input voltage	90-260 V AC
Input frequency	50-60 Hz
Output voltage	48 V DC
Temperature range for optimal use	-5°C / +40°C

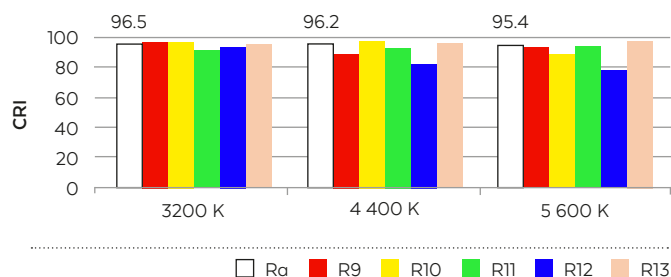
dimensions and packaging

Balloon shape	sphere
Balloon dimensions	160 cm 5 ft in diameter
Weight of the balloon	12 kg 27 lbs
Box contents	full set lighting balloon with power supply, control box and inflation pump

1. radiation pattern



2. colour rendering index



luminous flux

	3,200 K	4,400 K		5,600 K
		Max	Constant	
Balloon at 1 m 3 ft	3,820 lux 355 fc	5,270 lux 490 fc	2,900 lux 269 fc	3,820 lux 255 fc
Balloon at 2 m 6.5 ft	1,440 lux 134 fc	1,980 lux 184 fc	1,060 lux 98 fc	1,440 lux 134 fc
Balloon at 3 m 10 ft	720 lux 67 fc	985 lux 92 fc	549 lux 144 fc	720 lux 67 fc

control box



Cinestar: user-friendly control box



Airstar was the first to introduce helium-filled, balloon lighting to the motion picture industry, leading to an Oscar Academy Award for Technical Lighting Achievement on the film, Titanic

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