



## Lucid PAR 52 | LED luminaire

### The new Lucid PAR 52

This luminaire with E40 thread and a luminous system performance of up to 5,000 lm was especially designed for the replacement of HQL luminaires and is individually applicable. The high protection class makes it possible for all Lucid PAR 58 types to be used as spotlights both indoors and outdoors.

#### Scope of application:

Shops and industrial lighting, system gastronomy, illumination of advertising billboards in outdoor areas etc.

The Lucid PAR 52 is available as a 120° version with opaque glass diffuser and as a 60° version with a lense optics.

#### Optimization of energy consumption and costs:

The Lucid PAR 52 has a luminous efficacy of >105 lm/W, the result of applying the latest LED technology in combination with an optimally adapted power supply for a system with a very high efficiency.

#### Technology - LEDs and optical system:

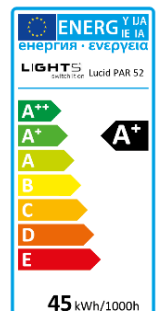
The integration of high-performance optics allows the efficient realization of the luminous intensity required.

Apart from an optimum compatibility for the application of high-performance optics, the use of low-power LEDs shows the following advantages:

- Homogeneous area emission and improved light impression
- Simple glare control/compliance with photo-biological safety regulation IEC 62471 / VDE
- Improved effective temperature management of the luminaire, large-area heat dissipation
- Resulting in longer service life and optimised overall size

Luminous flux	4,968 lm
Luminous efficacy	up to 110 lm/W
EU 2013-label classification	A+
CRI/Ra	Ra > 80
Colour temperature	5,000 K
Beam angle	120°

CE IP67



Item No.	Beam Angle	Diffuser	Housing Colour	Colour Temperature	CCT	CRI	Luminous Flux / Power
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### Lucid PAR 52 E40 | 120° Standard version

30161	120°	opaque	black	daylight white	5,000 K	Ra > 80	4,900 lm/45 W
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#### Additional versions (longer delivery times, higher minimum orders)

30160	120°	opaque	black	cold white	6,500 K	Ra > 80	4,900 lm/45 W
30162	120°	opaque	black	normal white	4,000 K	Ra > 80	4,900 lm/45 W
30163	120°	opaque	black	warm white	3,000 K	Ra > 80	4,700 lm/45 W

### Lucid PAR 52 E40 | 60° Standard versions

30166	60°	lense array	black	daylight white	5,000 K	Ra > 80	5,000 lm/45 W
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#### Additional versions (longer delivery times, higher minimum orders)

30165	60°	lense array	black	cold white	6,500 K	Ra > 80	5,000 lm/45 W
30167	60°	lense array	black	normal white	4,000 K	Ra > 80	5,000 lm/45 W
30168	60°	lense array	black	warm white	3,000 K	Ra > 80	4,800 lm/45 W

## Product Specifications

### General Information

Product family:	Lucid PAR 52
Protection class:	I
IP code:	IP 67
Use / with ambient temperature:	-30°C to +40°C
Heat sink:	Powder-coated in black
Thread:	E40
Certification:	CE
Lifetime prediction:	120°/L90: 23,000 h 120°/L80: 49,000 h 60°/L90: 17,000 h 60°/L80: 36,000 h

### Photometric Properties

Without optics:	120° opaque, wide-beam diffuser
With optics:	60° narrow angle
Colour temperature:	3,000 K / 4,000 K / 5,000 K / 6,500 K
Colour Rendering Index:	Ra > 80 (Ra > 70 and 90 on demand)

### Electrical Specifications

Power:	45 W
Mains voltage:	100 - 240 V
Frequency:	50/60 Hz
Driver efficiency:	82% eff.

### Material

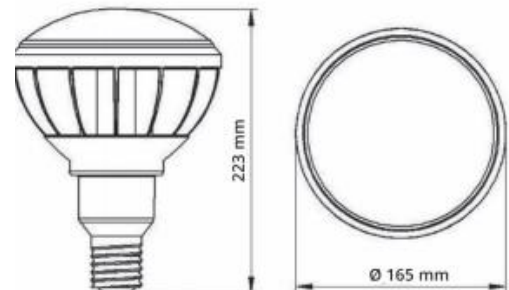
Housing:	Powder-coated aluminium
Optics:	Polycarbonate (PC), shatterproof
Dimensions:	120°: ø 165 x 223 mm 60°: ø 165 x 193 mm
Net weight:	approx. 1,150 g
Packaging units:	8 pieces

### Accessories

Protection system included

### Dimensions

Lucid PAR 52 120° E40



Lucid PAR 52 60° E40

