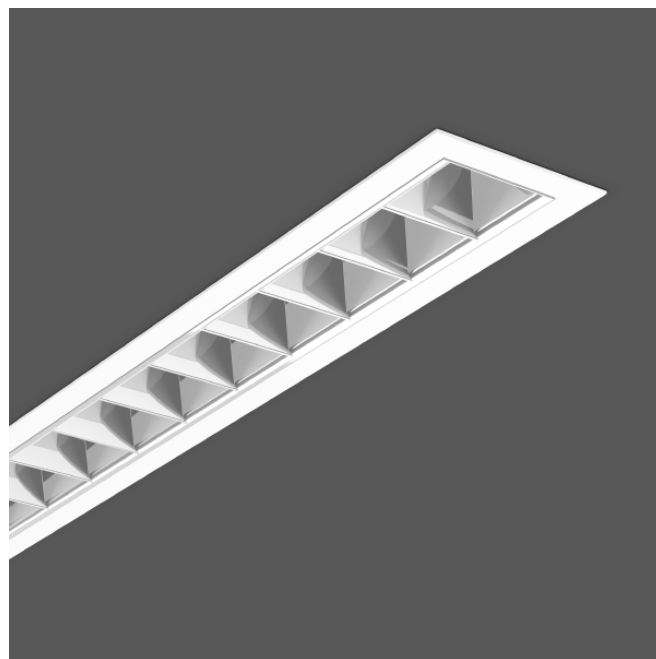
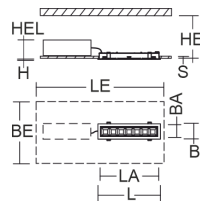


# Alea Spot

## 641318.002.1 | LED linear systems

Recessed ceiling luminaires  
4051859356028  
LED  
L 586, B 75, H 2, HEL 35



Narrow-beamed recessed ceiling luminaire with Alea optical system. Housing: metal, powder-coated. Alea optical system: Reflector structure (ABS, Aluminium-coated, highly polished) with diffuser made of non-yellowing plastic (PMMA) opal for glare-free light at the workstation (screen-compliant according to EN 12464-1). Luminaire mounting with spring system. Including separate LED converter with connecting cable 550 mm.

### Colour

Colour white

### Dimensions

Length L 586 mm  
Width B 75 mm  
Height H 2 mm  
Cut-out length LA 578 mm  
Cut-out width BA 66 mm  
Recess height HE 90 mm  
Luminaire: recess height HEL 35 mm  
Ceiling thickness S 1-20 mm  
Weight 1,11 kg

### Lamp

Lamp LED  
Colour temperature 4000K  
Colour rendering index (CRI) 80  
Colour tolerance 3  
Rated life 50000 h (L80/B10)  
Photobiological safety according to EN 62471 Risk group 1

### Lighting technology

Colour temperature 4.000 K  
Rated luminous flux 1.950 lm  
Glare evaluation UGR (4H 8H) 1 16,8  
Beam angle 60° / 58°

### Electrical

Control gear	Converter
Voltage	220 - 240 V / 50 - 60 Hz
Luminaires on B10A fuse	40
Luminaires on B16A fuse	60
Inrush current / Inrush current duration	20 A / 200 µs
Ripple current / Flicker	5 %
System power	15 W
Luminaire efficacy	130 lm/W
Total harmonic distortion	10 %
Power factor	0,98

### Approbations

Type of protection	IP 20
Protection class	II
Filament test	650°C - 30 seconds
Impact resistance	IK03 (0,35 Joule)
Safety marks	F-mark
Ambient temperature min.	-20 °C
Ambient temperature max.	32 °C
ULOR	0
Conformity mark	CE, EAC
CIE Flux Code / CEN Flux Code	92 100 100 100 100
Energieeffizienzklasse 2019/2015	D
Non-maintained power mode	Umgebungstemperatur / temperature ambiente => -20 °C ... + 32 °C