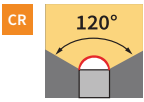
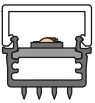
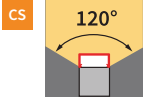
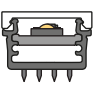
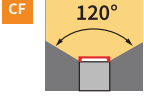
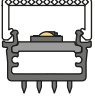
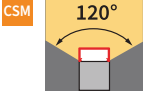
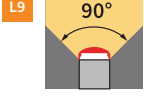
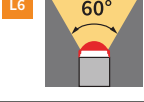
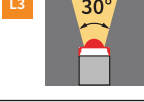
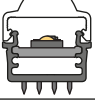
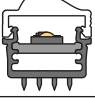
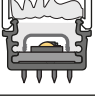
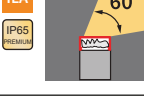


Übersicht der Cover und Linsen overview of cover and lenses

	Bauform design	Abstrahlwinkel beam angle	Abstrahlverhalten radiation characteristics	Coverfarben & Transmissionsgrad* cover colours & transmittance*					Material material
				 trans- parent	 frosted	 white	 grey	 mikro- prisma	
cover round				94%	90%	40%	–	–	PMMA (Standard) PC**
cover square				91%	83%	47%	33%	–	PMMA (Standard) PC**
cover flat				87%	79%	44%	–	–	PMMA (Standard) PC**
cover square mikroprismatik				–	–	–	–	73%	PMMA (Standard)
lens 90°				92%	88%	–	–	–	PMMA (Standard) PC**
lens 60°				93%	89%	–	–	–	PMMA (Standard) PC**
lens 30°				87%	84%	–	–	–	PMMA (Standard) PC**
lens 15°				–	84%	–	–	–	PMMA (Standard)
lens LAF-2 asymmetric				–	83%	–	–	–	PMMA (Standard)
lens ILAF asymmetric (IP65+)				–	53%	–	–	–	PMMA (Standard)

PMMA: Polymethylmethacrylat (Kurzzeichen PMMA, auch Acrylglas) ist ein transparenter thermoplastischer Kunststoff.

PMMA: Polymethylmethacrylate also known as acrylic, acrylic glass is a transparent thermoplastic.

* Bei den dargestellten Werten handelt es sich um Durchschnittswerte. Der tatsächliche Wirkungsgrad mit Cover bzw. Linse ist auch von der Geometrie des Profils und der LED-Serie abhängig.

Für exakte Angaben beachten Sie hierzu bitte die photometrischen Vermessungen (ldt, ies) unter <https://flashaar.de>.

The values shown are average values. The actual efficiencies with covers and lenses also depend on the geometry of the profiles and the LED series.

Please refer to the photometric measurements (ldt, ies) at <https://flashaar.de> for precise details.

** Polycarbonat (PC): schlagfest IK10, vandalismussicher. Details auf Anfrage.

Polycarbonate (PC): impact resistant IK10, vandalism-proof. Details on request.

