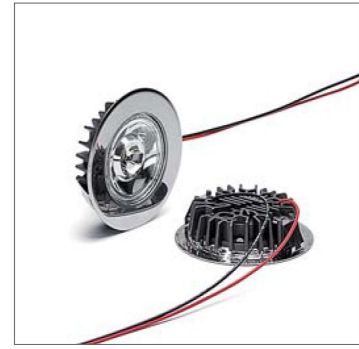


LEDSpot IPLine

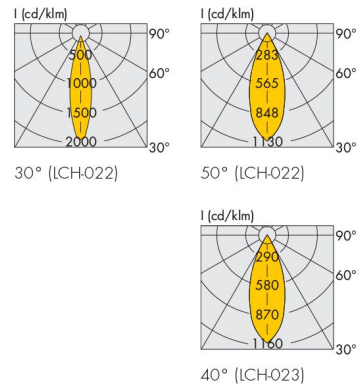
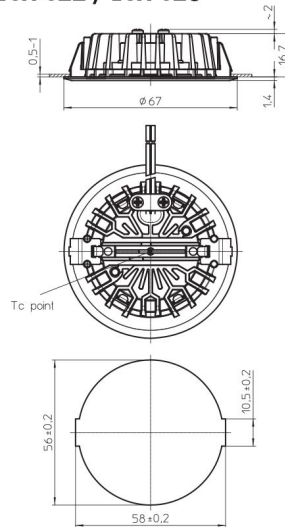
Complete LEDSpot IP54 equipped with optics, heat sink, leads and metal frame

Technical notes

- Metal frame, round
- For cut-out: \varnothing 56 mm
- LEDspot with one LED and with thermoplastic heat sink
- Reflector with clear glass (opaque glass on request)
- Beam angle: 30° or 50° (LCH-022), 40° (LCH-023)
- Colour accuracy initially: 3 SDCM
- CRI: 80
- Leads: Cu tinned, stranded conductors AWG22, PVC-insulation, length: 250 mm
- Use of external LED constant-current drivers
- Snap-in clips for easy installation
- Degree of protection: IP54**
- Weight: 50 g
- Packaging unit: 45 pcs.



LCH-022 / LCH-023



Type	Description	LEDSpot version	Colour	Correlated colour temperature K	Luminous flux (lm) and typical voltage (U _{typ.}) and power consumption (P _{el})*						Light intensity at max. current Candela		Beam angle °	Energy efficiency at max. current
					350 mA		500 mA		700 mA					
					min.	typ.	min.	typ.	min.	typ.	30°	50°		
LEDSpot IPLine (LCH-022)					P _{el} = 1.02 W U _{typ.} = 2.9 V		P _{el} = 1.5 W U _{typ.} = 3 V		P _{el} = 2.16 W U _{typ.} = 3.09 V		30°	50°		
LCH-022	IPLine 219 3000K	A	warm white	2870...3200	90	100	130	140	170	180	320	190	30/50	A++
LCH-022	IPLine 219 4500K	B	neutral white	4250...4750	100	110	140	150	180	190	390	210	30/50	A++
LEDSpot IPLine COB (LCH-023)					P _{el} = 3.5 W U _{typ.} = 10 V						40°			
LCH-023	IPLine COB 3000K	C	warm white	2920...3070	250	285	-	-	-	-	330	-	40	A+
LCH-023	IPLine COB 4200K	D	neutral white	3850...4650	263	300	-	-	-	-	380	-	40	A++

Emission data at t₁ = 85 °C (LCH-022) / 25 °C (LCH-023) | Further colour temperatures on request
 * Production tolerance of luminous flux, voltage and power consumption: ±7 % (LCH-022) / ±5 % (LCH-023)

Frame colour	LCH-022				LCH-023	
	Ref. No.	Ref. No.	Ref. No.	Ref. No.	Ref. No.	Ref. No.
silver	561770	561772	561774	561776	552089	552091
white	561771	561773	561775	561777	552088	552090

Silver brushed or further colours on request

The values contained in this data sheet can change due to technical innovations. Any such changes will be made without separate notification.