

LCA 2



Light grid LCA-2TR-.B-... (2 ... 4 beams)



- ▶ **Number of beams: 2 ... 4 beams**
- ▶ **Protective function: access control**
- ▶ **Securing danger areas**
- ▶ **Range 12 m**
- ▶ **Installation material is included with the product**

Details

- ▶ Degree of protection IP65 and IP67
- ▶ Two safety outputs (OSSD)
- ▶ Plug connector M12
- ▶ Profile size 28 x 30 mm

Notice

- ▶ The operation mode is dependent on the results of the risk analysis.
- ▶ **Category according to EN ISO 13849-1**
2 semiconductor outputs, p-switching, short circuit-proof, suitable for:
PL c/category 2 according to EN ISO 13849-1
Each safety path is independently safe.
- ▶ ESPE type 2 according to DIN EN 61496-1

Further information

- ▶ Dimension drawings see p. 15
- ▶ Accessories and spare parts see p. 54

Ordering table

Series	Plug connector	Resolution/ beams	Reaction time [ms]	Beam spacing [mm]	Order No./item	
LCA-2TR-.B-...	Transmitter M12, 5-pin Receiver M12, 8-pin	2	3	500	156671 LCA-2TR-2B-510-AP	For detailed information, enter the order number for the product in the search box at www.euchner.com .
		3	3.5	400	156672 LCA-2TR-3B-810-AP	
		4	3.5	300	156673 LCA-2TR-4B-910-AP	

Dimension drawing

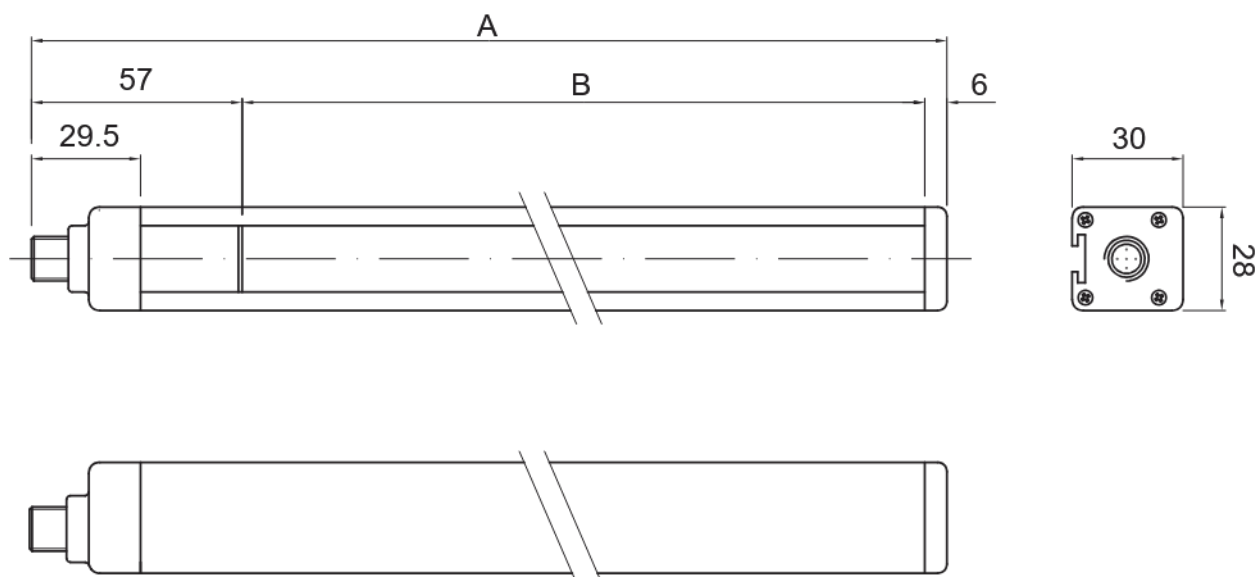


Table 1: Dimensions transmitter and receiver models LCA 2 2B, LCA 2 3B and LCA 2 4B

Height	2B	Model 3B	4B
A (Standard)	653	953	1053
B*	590	890	990
Mounting	2 holders AM-OSB-A1 with 2 inserts		

B* = Distance display label to protective cap

Light curtains LCA-2TR-50-... (50 mm)



- ▶ Resolution 50 mm
- ▶ Protective function: body protection (arms/legs)
- ▶ Range 12 m
- ▶ Installation material is included with the product

Details

- ▶ Degree of protection IP65 and IP67
- ▶ Two safety outputs (OSSD)
- ▶ Plug connector M12
- ▶ Profile size 28 x 30 mm

Notice

- ▶ The operation mode is dependent on the results of the risk analysis.
- ▶ **Category according to EN ISO 13849-1**
2 semiconductor outputs, p-switching, short circuit-proof, suitable for:
PL c/category 2 according to EN ISO 13849-1
Each safety path is independently safe.
- ▶ ESPE type 2 according to DIN EN 61496-1

Further information

- ▶ Dimension drawings see p. 17
- ▶ Accessories and spare parts see p. 54

Ordering table

Series	Plug connector	Resolution/ beams	Reaction time [ms]	Protective field height [mm]	Order No./item	
LCA-2TR-50-...	Transmitter M12, 5-pin Receiver M12, 8-pin	50 mm	3.5	160	156659 LCA-2TR-50-160-AP	For detailed information, enter the order number for the product in the search box at www.euchner.com .
			4.5	310	156660 LCA-2TR-50-310-AP	
			5.5	460	156661 LCA-2TR-50-460-AP	
			6	610	156662 LCA-2TR-50-610-AP	
			7	760	156663 LCA-2TR-50-760-AP	
			8	910	156664 LCA-2TR-50-910-AP	
			9	1060	156665 LCA-2TR-50-1060-AP	
			10	1210	156666 LCA-2TR-50-1210-AP	
			10.5	1360	156667 LCA-2TR-50-1360-AP	
			11.5	1510	156668 LCA-2TR-50-1510-AP	
			12	1660	156669 LCA-2TR-50-1660-AP	
			13	1810	156670 LCA-2TR-50-1810-AP	

Dimension drawing

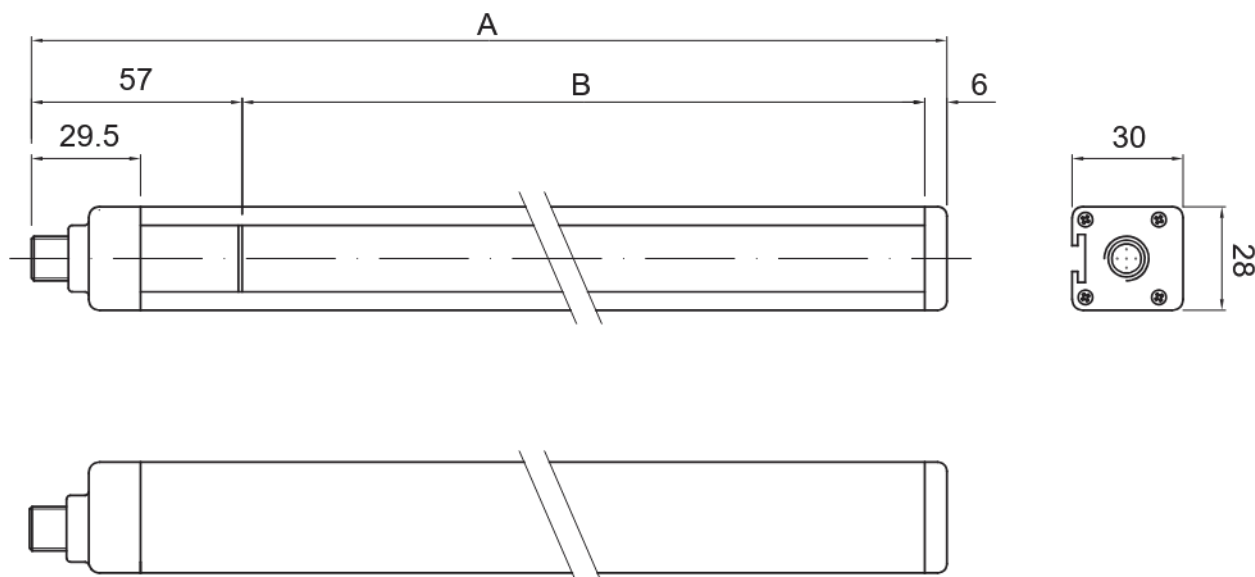


Table 2: Dimensions transmitter and receiver

Height	Model											
	160	310	460	610	760	910	1060	1210	1360	1510	1660	1810
A (Standard)	213	363	513	663	813	963	1113	1263	1413	1563	1713	1863
B*	150	300	450	600	750	900	1050	1200	1350	1500	1650	1800
Mounting	2 holders AM-OS-B-A1 with 2 inserts							3 holders AM-OS-B-A1 with 3 inserts				

B* = Distance display label to protective cap

Light curtains LCA-2TR-40-... (40 mm)



- ▶ **Resolution 40 mm**
- ▶ **Protective function: hand protection**
- ▶ **Range 12 m**
- ▶ **Installation material is included with the product**

Details

- ▶ Degree of protection IP65 and IP67
- ▶ Two safety outputs (OSSD)
- ▶ Plug connector M12
- ▶ Profile size 28 x 30 mm

Notice

- ▶ The operation mode is dependent on the results of the risk analysis.
- ▶ **Category according to EN ISO 13849-1**
2 semiconductor outputs, p-switching, short circuit-proof, suitable for:
PL c/category 2 according to EN ISO 13849-1
Each safety path is independently safe.
- ▶ ESPE type 2 according to DIN EN 61496-1

Further information

- ▶ Dimension drawings see p. 19
- ▶ Accessories and spare parts see p. 54

Ordering table

Series	Plug connector	Resolution/ beams	Reaction time [ms]	Protective field height [mm]	Order No./item	
LCA-2TR-40-...	Transmitter M12, 5-pin Receiver M12, 8-pin	40 mm	4	160	156647 LCA-2TR-40-160-AP	For detailed information, enter the order number for the product in the search box at www.euchner.com .
			5	310	156648 LCA-2TR-40-310-AP	
			6	460	156649 LCA-2TR-40-460-AP	
			7.5	610	156650 LCA-2TR-40-610-AP	
			8.5	760	156651 LCA-2TR-40-760-AP	
			9.5	910	156652 LCA-2TR-40-910-AP	
			10.5	1060	156653 LCA-2TR-40-1060-AP	
			11.5	1210	156654 LCA-2TR-40-1210-AP	
			13	1360	156655 LCA-2TR-40-1360-AP	
			14	1510	156656 LCA-2TR-40-1510-AP	
			15	1660	156657 LCA-2TR-40-1660-AP	
			16	1810	156658 LCA-2TR-40-1810-AP	

Dimension drawing

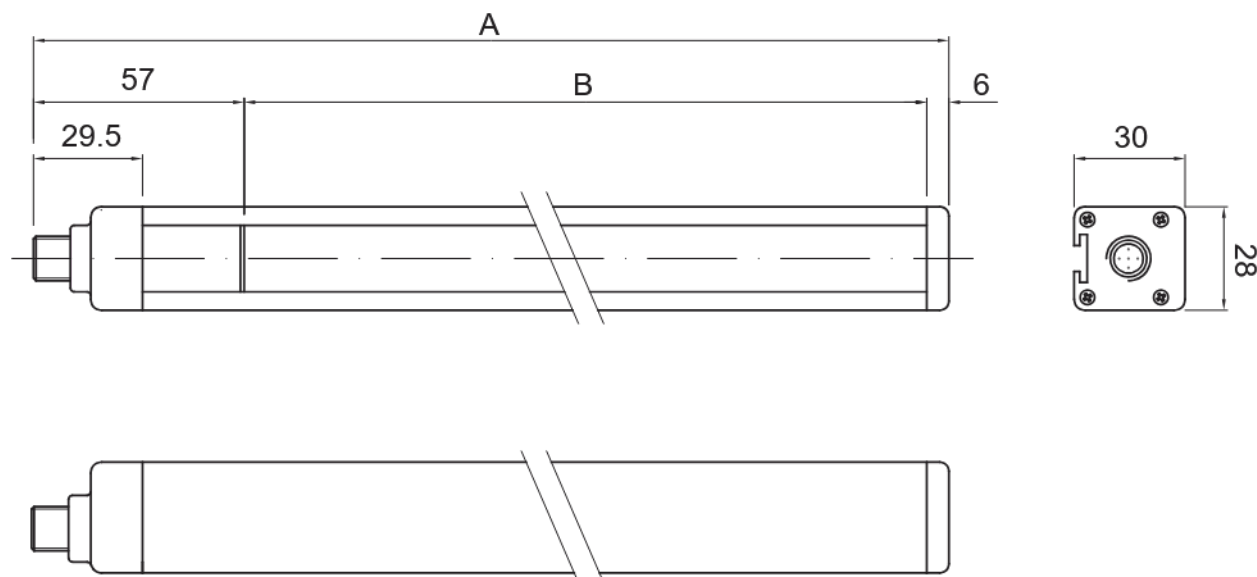


Table 3: Dimensions transmitter and receiver

Height	Model											
	160	310	460	610	760	910	1060	1210	1360	1510	1660	1810
A (Standard)	213	363	513	663	813	963	1113	1263	1413	1563	1713	1863
B*	150	300	450	600	750	900	1050	1200	1350	1500	1650	1800
Mounting	2 holders AM-OS-B-A1 with 2 inserts							3 holders AM-OS-B-A1 with 3 inserts				

B* = Distance display label to protective cap

Light curtains LCA-2TR-30-... (30 mm)



- ▶ **Resolution 30 mm**
- ▶ **Protective function: hand protection**
- ▶ **Range 12 m**
- ▶ **Installation material is included with the product**

Details

- ▶ Degree of protection IP65 and IP67
- ▶ Two safety outputs (OSSD)
- ▶ Plug connector M12
- ▶ Profile size 28 x 30 mm

Notice

- ▶ The operation mode is dependent on the results of the risk analysis.
- ▶ **Category according to EN ISO 13849-1**
2 semiconductor outputs, p-switching, short circuit-proof, suitable for:
PL c/category 2 according to EN ISO 13849-1
Each safety path is independently safe.
- ▶ ESPE type 2 according to DIN EN 61496-1

Further information

- ▶ Dimension drawings see p. 21
- ▶ Accessories and spare parts see p. 54

Ordering table

Series	Plug connector	Resolution/ beams	Reaction time [ms]	Protective field height [mm]	Order No./item	
LCA-2TR-30-...	Transmitter M12, 5-pin Receiver M12, 8-pin	30 mm	4.5	160	156635 LCA-2TR-30-160-AP	For detailed information, enter the order number for the product in the search box at www.euchner.com .
			6	310	156636 LCA-2TR-30-310-AP	
			8	460	156637 LCA-2TR-30-460-AP	
			10	610	156638 LCA-2TR-30-610-AP	
			11	760	156639 LCA-2TR-30-760-AP	
			13	910	156640 LCA-2TR-30-910-AP	
			14.5	1060	156641 LCA-2TR-30-1060-AP	
			16	1210	156642 LCA-2TR-30-1210-AP	
			17.5	1360	156643 LCA-2TR-30-1360-AP	
			19.5	1510	156644 LCA-2TR-30-1510-AP	
			21	1660	156645 LCA-2TR-30-1660-AP	
			22.5	1810	156646 LCA-2TR-30-1810-AP	

Dimension drawing

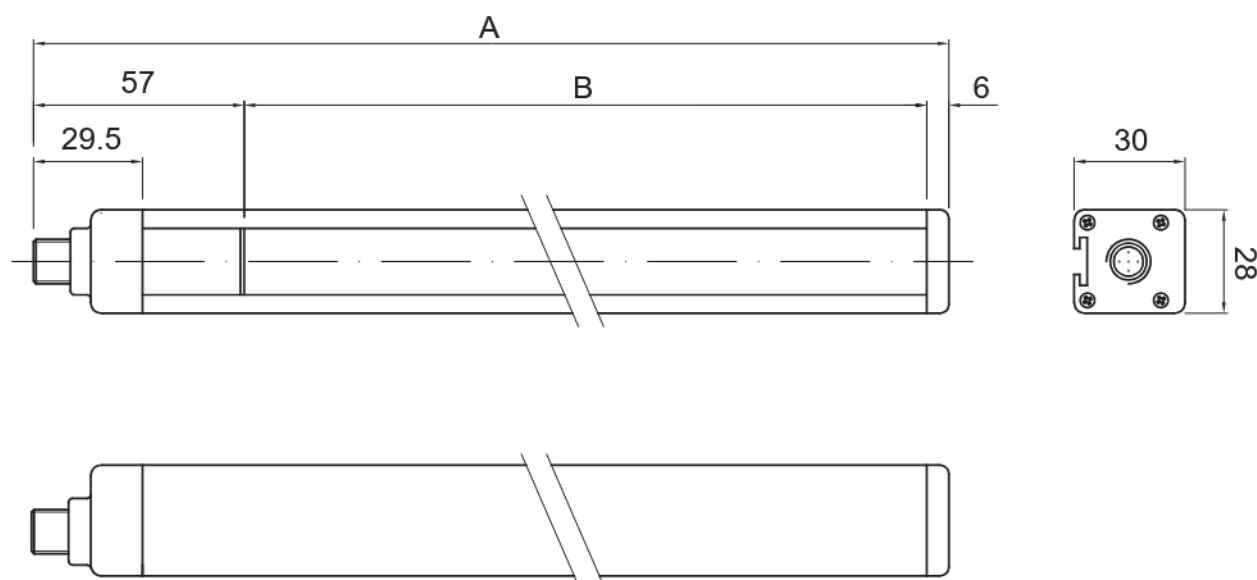


Table 4: Dimensions transmitter and receiver

Height	Model											
	160	310	460	610	760	910	1060	1210	1360	1510	1660	1810
A (Standard)	213	363	513	663	813	963	1113	1263	1413	1563	1713	1863
B*	150	300	450	600	750	900	1050	1200	1350	1500	1650	1800
Mounting	2 holders AM-OS-B-A1 with 2 inserts							3 holders AM-OS-B-A1 with 3 inserts				

B* = Distance display label to protective cap