

# HS LC-F-T6X3-150 - Fiber optic

1082301

<https://www.phoenixcontact.com/us/products/1082301>



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Flexible light guide, transparent, 3 mm made of PUR with 6 mm lens made of crystal-clear PMMA and 6 x 6 mm LED housing, made of black PC, UL 94 HB, length: 150 mm unmounted, for SMD TOPLEDs

## Your advantages

- Light guides are perfectly matched to electronics housings
- Easy mounting on the PCB using press pins
- Resistance to ESD
- Housing processing available on request
- Enables simple visual status and diagnostic indicators

## Commercial data

|                                      |               |
|--------------------------------------|---------------|
| Item number                          | 1082301       |
| Packing unit                         | 1 pc          |
| Minimum order quantity               | 1 pc          |
| Sales key                            | AC05          |
| Product key                          | ACGABC        |
| GTIN                                 | 4055626812731 |
| Weight per piece (including packing) | 3.6 g         |
| Weight per piece (excluding packing) | 3.6 g         |
| Customs tariff number                | 39269097      |
| Country of origin                    | TN            |

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## Technical data

### Notes

|               |   |
|---------------|---|
| Assembly note | Please observe the application note in the download area. |
|---------------|---|

### Product properties

|                      |                      |
|----------------------|----------------------|
| Product type         | Fiber optic          |
| Number of positions  | 1                    |
| Alignment            | flexible             |
| Conductor type       | Flexible light guide |
| Head form            | Round, planar        |
| Number of indicators | 1 (1 row x 1 column) |

### Electrical properties

|                |         |
|----------------|---------|
| ESD protection | < 12 kV |
|----------------|---------|

### Dimensions

|               |        |
|---------------|--------|
| Length        | 150 mm |
| Hole diameter | 5.5 mm |

### Material specifications

|                     |              |
|---------------------|--------------|
| Color (Light guide) | transparent  |
| Insulating material | Polycarbonat |

### Environmental and real-life conditions

#### Ambient conditions

|                                 |                  |
|---------------------------------|------------------|
| Ambient temperature (operation) | -20 °C ... 50 °C |
|---------------------------------|------------------|

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## Classifications

### ECLASS

|             |          |
|-------------|----------|
| ECLASS-15.0 | 27460404 |
| ECLASS-13.0 | 27460404 |

### ETIM

|          |          |
|----------|----------|
| ETIM 9.0 | EC002943 |
|----------|----------|

### UNSPSC

|             |          |
|-------------|----------|
| UNSPSC 21.0 | 31261500 |
|-------------|----------|

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## Environmental product compliance

|   |  |
|---|--|
| EU RoHS                                 |  |
| Fulfills EU RoHS substance requirements | Yes, No exemptions                       |
| China RoHS                              |  |
| Environment friendly use period (EFUP)  | EFUP-E                                   |
|   | No hazardous substances above the limits |
| EU REACH SVHC                           |  |
| REACH candidate substance (CAS No.)     | No substance above 0.1 wt%               |

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