

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

1082301

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

Please be informed that the data shown in this PDF document is generated from our online catalog. Please find the complete data in the user documentation. Our general terms of use for downloads are valid.



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

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



1082301

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

## 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
Color (Cover)	black (RAL 9005)
Material Light guide	Polycarbonate
Material Cover	Polycarbonate

### Environmental and real-life conditions

#### Ambient conditions

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

### Mounting

Mounting type	Press-in
---------------	----------

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



1082301

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

## Classifications

### ECLASS

ECLASS-15.0	27460404
ECLASS-13.0	27460404

### ETIM

ETIM 10.0	EC002943
-----------	----------

### UNSPSC

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

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



1082301

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

## 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%
-------------------------------------	----------------------------

Phoenix Contact 2026 © - all rights reserved  
<https://www.phoenixcontact.com>

Phoenix Contact USA  
586 Fulling Mill Road  
Middletown, PA 17057, United States  
(+717) 944-1300  
[info@phoenixcon.com](mailto:info@phoenixcon.com)