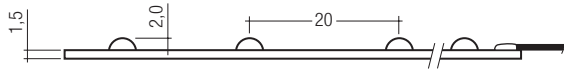


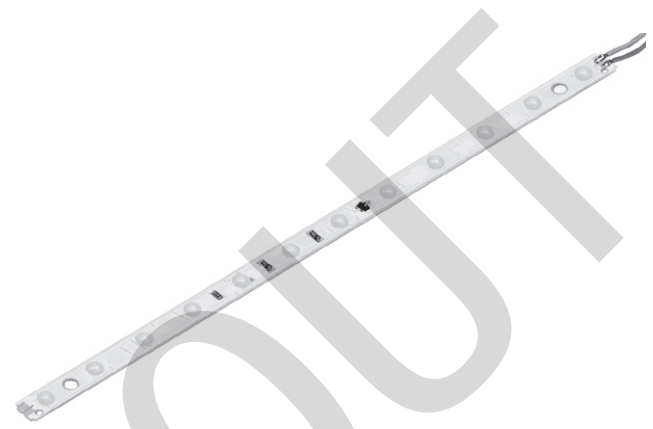
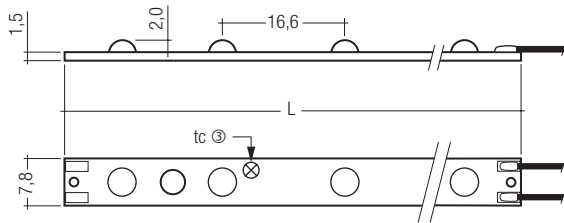
TALEXstrip P110/111-2

RoHS

TALEXstrip P110



TALEXstrip P111-2



Applications:

- safety lighting, general lighting, effect lighting and shelf lighting
- accenting lines and edges and for side injection
- edge lighting of transparent or diffuse materials
- suitable for use with TALEXprofile Z200/201/202/203

Highlights:

- maximum possible beam angle for uniform illumination (thanks to COB technology)
- low profile

Properties:

- high-power LED in COB technology
- dimmable by pulse width modulation (PWM)
- colour temperature white: ④
warm white (WW): 3,000 K
neutral white (NW): 4,200 K
daylight white (DL): 6,500 K
- integrated current source to stabilise luminous flux
- broad 140° light distribution for uniform illumination
- fixing: M4 plastic screw or double sided adhesive tape
- connection method: cable 200 mm
- identification of polarity: + red / – black

Notes:

- applying reversed polarity of the supply voltage may damage the TALEXstrip
- none of the components of the TALEXstrip (substrate, LED, electronic components etc.) may be exposed to tensile or compressive stresses
- for further information on installation please refer to the brochure entitled "TALEX installation instructions"

TALEX

type	article number	colour	wavelength colour temp. ④	light points per module	typ. luminous flux lm ①	voltage V _{dc} ②	power W ①	ta °C	tc point °C ③	length L mm	packing unit pieces/carton
P110 R	89600124	red	619–629 nm	10	22.0	24	1.56	-25 → +50	75	200±1	10
P110 A	89600125	amber	584–594 nm	10	18.0	24	1.56	-25 → +50	75	200±1	10
P111-2 G	89600327	green	530–540 nm	12	30.0	24	1.92	-25 → +50	75	200±1	10
P111-2 B	89600318	blue	465–475 nm	12	10.0	24	1.92	-25 → +50	75	200±1	10
P111-2 WW	89600343	warm white	3,000 K	12	36.0	24	1.92	-25 → +50	75	200±1	10
P111-2 NW	89600319	neutral white	4,200 K	12	41.0	24	1.92	-25 → +50	75	200±1	10
P111-2 W DL	89600320	daylight white	6,500 K	12	49.0	24	1.92	-25 → +50	75	200±1	10

all data for ta = 25 °C

① Tolerance range for optical and electrical data: ±15 %

② Exceeding the maximum operating voltage leads to an overload on the TALEXstrip.

This may in turn result in a significant reduction in lifetime or even destruction of the TALEXstrip.

Tolerance range for the supply voltage: 24V: +2V/-0V

③ If the maximum temperature limits are exceeded, the life of the module will be greatly reduced or the module may be damaged.

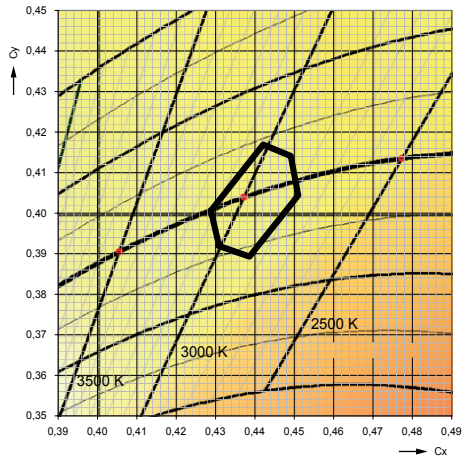
The temperature of the TALEXstrip at the tc point in the thermally stable state by means of a temperature sensor or temperature-sensitive sticker (available for example from www.conrad.com, www.rs-components.com) as per EN60598-1.

For the precise position of the tc point see the above diagram.

④ For colour temperatures and tolerances – see page 2

TALEXstrip P110/111-2

Corresponding colour temperature and CIE coordinates 3,000 K

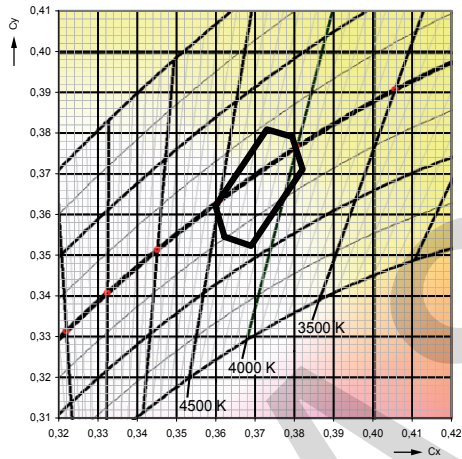


CIE coordinates: tolerance area

warm white, 3,000 K

	Cx	Cy
tolerance area	0.4309	0.3919
	0.4288	0.4006
	0.4421	0.4169
	0.4491	0.4141
	0.4510	0.4044
	0.4386	0.3893

Corresponding colour temperature and CIE coordinates 4,200 K

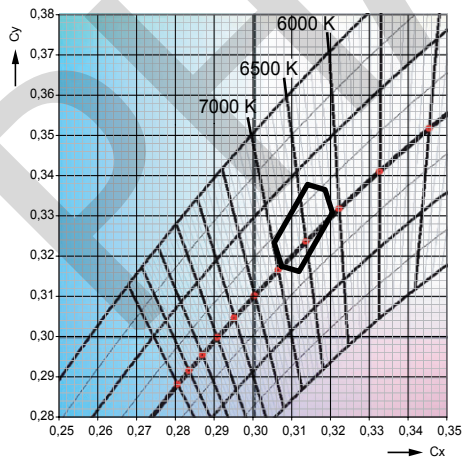


CIE coordinates: tolerance area

neutral white, 4,200 K

	Cx	Cy
tolerance area	0.3622	0.3545
	0.3599	0.3621
	0.3730	0.3809
	0.3794	0.3791
	0.3821	0.3711
	0.3690	0.3523

Corresponding colour temperature and CIE coordinates 6,500 K



CIE coordinates: tolerance area

daylight white, 6,500 K

	Cx	Cy
tolerance area	0.3074	0.3175
	0.3055	0.3233
	0.3141	0.3378
	0.3186	0.3365
	0.3205	0.3308
	0.3119	0.3162