

# Pentura Mini

TCH128 1xTL5-14W/840 HF



TCH128 - 1 pc - TL5 - 14 W - Electronic high-frequency

Pentura Mini TCH128 is an ultra-slim decorative batten for domestic applications. A cost-effective, ready-to-install mini fluorescent solution. Pentura Mini TCH128 offers the energy-saving benefits of miniature fluorescent lamp technology coupled with lightweight electronics and a patented internal reflector for improved lighting performance. The batten is easy to install e.g. over worktops and workstations in the home, home office and recreational environments, etc. it provides bright light where needed even where installation space is limited. Pentura Mini TCH128 battens are fitted with lamp, tough polycarbonate diffuser and all fixing accessories, reducing installation time to a minimum. The battens are through-wired with removeable end-caps at both ends covering the push-button connection blocks for simple connection and through-wiring.

## Product data

### • General information

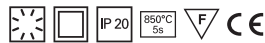
Product family code	TCH128 [TCH128]
Number of light sources	1 [1 pc]
Lamp family code	TL5 [TL5]
Lamp power	14 W [14 W]
Light source color	840 [840 neutral white]
Kombipack	K [Lamp(s) included]
Gear	HF [Electronic high-frequency]
Protection class IEC	CLII [Safety class II]
Ingress protection code	IP20 [Finger-protected]
Ready-to-install	KIT [Ready-to-install]
Glow-wire test	850/5 [Temperature 850 °C, duration 5 s]
Flammability mark	F [For mounting on normally flammable surfaces]
CE mark	CE [CE mark]

### • Electrical

Input voltage	220-240 V [220 to 240 V]
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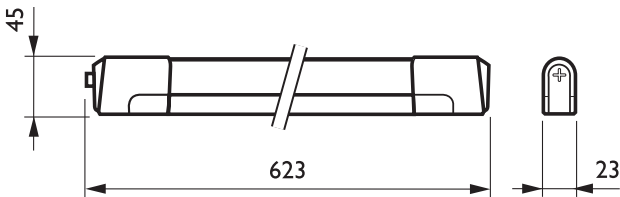
### • Product Data

Order code	910502537318
Full product code	910502537318
Full product name	TCH128 1xTL5-14W/840 HF
Order product name	TCH128 1xTL5-14W/840 HF
Pieces per pack	1
Packs per outerbox	16
Bar code on pack - EAN1	8711559148519
Bar code on outerbox - EAN3	8711559804514
Logistic code(s) - 12NC	910502537318
Net weight per piece	0.360 kg



# PHILIPS

Dimensional drawing

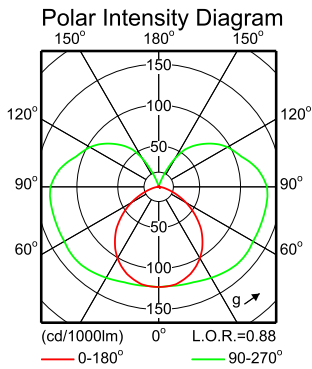


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Photometric data

TCH128 1xTL5-14W HF

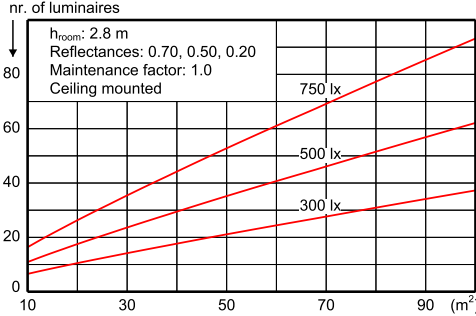
1 x 1250 lm



Light output ratio 0.88  
Service upward 0.29  
Service downward 0.59  
CIE flux code 31 58 80 67 88  
UGRcen (4Hx8H, 0.25H) 28

LVE0450001

Quantity estimation diagram

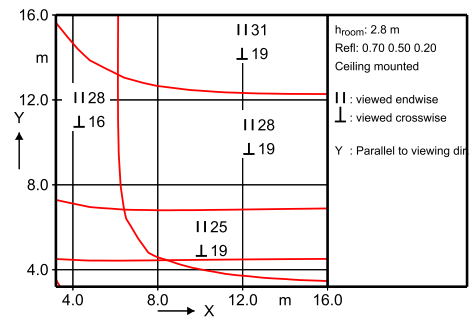


Utilisation factor table

Room Index k	Reflectances (%) for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00	0.00
0.80	0.41	0.39	0.39	0.38	0.37	0.30	0.27	0.22	0.24	0.20	0.16	
1.00	0.48	0.45	0.45	0.44	0.42	0.35	0.32	0.27	0.28	0.24	0.19	
1.25	0.55	0.50	0.51	0.49	0.47	0.41	0.37	0.32	0.33	0.29	0.23	
1.50	0.60	0.55	0.56	0.54	0.52	0.45	0.40	0.36	0.36	0.32	0.26	
2.00	0.68	0.61	0.64	0.60	0.58	0.52	0.46	0.42	0.41	0.38	0.31	
2.50	0.74	0.65	0.69	0.65	0.62	0.56	0.51	0.47	0.45	0.42	0.34	
3.00	0.78	0.68	0.73	0.68	0.65	0.60	0.54	0.50	0.48	0.45	0.37	
4.00	0.84	0.72	0.78	0.73	0.69	0.64	0.58	0.55	0.52	0.49	0.40	
5.00	0.87	0.75	0.81	0.76	0.71	0.67	0.61	0.58	0.54	0.52	0.43	

Ceiling mounted

UGR diagram



Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	3123	5618	16247
50.0	2554	5343	17709
55.0	2040	5099	19479
60.0	1555	4845	21680
65.0	1096	4644	24985
70.0	705	4495	29724
75.0	411	4444	37098
80.0	231	4466	49856
85.0	99	4494	76697
90.0	27	4530	167114

(cd/m<sup>2</sup>)

2012-05-03

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2014, November 19  
data subject to change