

Pentura Mini

TCH128 1xTL5-28W/840 HF



TCH128 - 1 pc - TL5 - 28 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

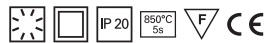
Product family code	TCH128 [TCH128]
Number of light sources	1 [1 pc]
Lamp family code	TL5 [TL5]
Lamp power	28 W [28 W]
Light source color	840 [840 neutral white]
Kombipack	K [Lamp(s) included]
Gear	HF [Electronic high-frequency]
Protection class IEC	CLII [Safety class II]
Ingress protection code	IP20 [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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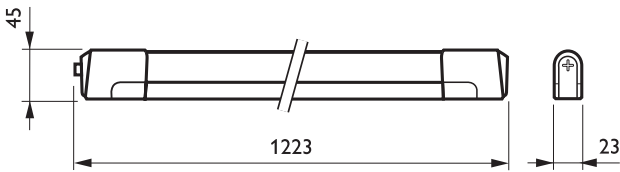
• Product Data

Order code	910502537718
Full product code	910502537718
Full product name	TCH128 1xTL5-28W/840 HF
Order product name	TCH128 1xTL5-28W/840 HF
Pieces per pack	1
Packs per outerbox	16
Bar code on pack - EAN1	8711559148557
Bar code on outerbox - EAN3	8711559804552
Logistic code(s) - 12NC	910502537718
Net weight per piece	0.500 kg



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Dimensional drawing

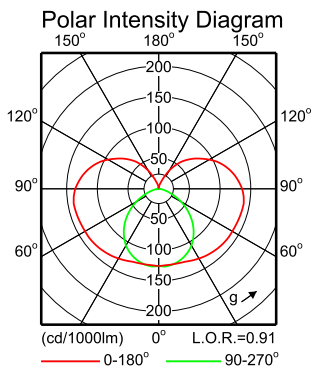


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Photometric data

TCH128 1xTL5-28W HF

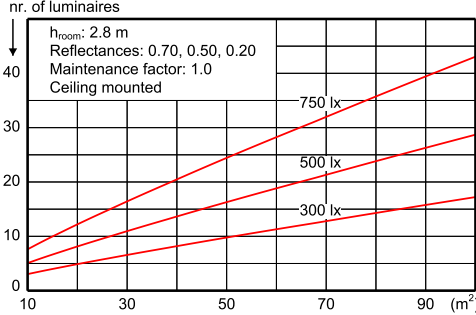
1 x 2625 lm



Light output ratio 0.91
 Service upward 0.30
 Service downward 0.61
 CIE flux code 30 57 80 67 91
 UGRcen (4Hx8H, 0.25H) 24

LVE045000C

Quantity estimation diagram

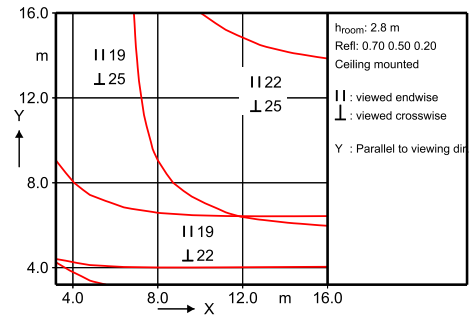


Utilisation factor table

Room Index k	Reflectances (%) for ceiling, walls and working plane (CIE)											
	0.80			0.70			0.50			0.30		
0.60	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00	
0.80	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.30	0.10	0.00	
1.00	0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.00	
1.25	0.60	0.34	0.32	0.32	0.31	0.30	0.24	0.21	0.17	0.19	0.15	0.12
1.50	0.42	0.40	0.40	0.39	0.38	0.30	0.27	0.23	0.24	0.20	0.16	
2.00	0.49	0.46	0.46	0.45	0.43	0.36	0.32	0.28	0.29	0.25	0.19	
2.50	0.56	0.52	0.53	0.51	0.49	0.42	0.37	0.33	0.33	0.29	0.23	
3.00	0.62	0.56	0.58	0.55	0.53	0.46	0.41	0.37	0.37	0.33	0.26	
4.00	0.70	0.63	0.65	0.62	0.59	0.53	0.48	0.43	0.42	0.39	0.31	
5.00	0.76	0.67	0.71	0.67	0.64	0.58	0.52	0.48	0.46	0.43	0.35	
	0.80	0.70	0.75	0.70	0.67	0.62	0.55	0.52	0.49	0.46	0.38	
	0.86	0.75	0.80	0.75	0.71	0.66	0.60	0.57	0.53	0.51	0.41	
	0.90	0.77	0.84	0.78	0.73	0.70	0.63	0.60	0.56	0.54	0.44	

Ceiling mounted

UGR diagram



Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	6160	6089	10308
50.0	6052	5822	9584
55.0	5980	5575	8721
60.0	5917	5356	7726
65.0	5921	5166	6350
70.0	5979	5046	5031
75.0	6084	5006	3863
80.0	6236	5031	2872
85.0	6344	5047	1964
90.0	6452	5069	1062

(cd/m²)

2012-05-03

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www.philips.com/lighting

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 data subject to change