

Pacific TCW216

TCW216 2xTL-D36W HFS PI



TCW216 - 2 pcs - MASTER TL-D - 36 W - HF Performer

Pacific TCW216 is a functional dust-, jet-, shock- and vandalproof luminaire, and can accommodate both TL-D and TL5 (16 mm) fluorescent lamps. The cover is fixed to the housing by means of an innovative concept using integrated fixing points to avoid external lockers. There is a choice of different standard versions available. The luminaire can be mounted individually or in-line with easy 'click' installation. Flexibility is ensured with a choice of fixing points and different cable entries. The TCW216 can also be suspended from Philips TTX410 light-line systems.

Product data

• General information

Product family code	TCW216 [TCW216]
Number of light sources	2 [2 pcs]
Lamp family code	TL-D [MASTER TL-D]
Lamp power	36 W [36 W]
Light source replaceable	Yes [Yes]
Compensation circuit	No [-]
Gear	HFP [HF Performer]
Driver included	Yes [Yes]
Optic type	No [-]
Emergency lighting	No [-]
Dimmable	No [No]
Feed-through wiring	No [-]
Electrical circuit protection	No [-]
Connection	PI [Push-in connector 3-pole]
Protection class IEC	CL1 [Safety class I]
Ingress protection code	IP66 [Dust penetration-protected, jet-proof]
Mech. impact protection code	IK08 [5 J vandal-protected]
Explosion hazard class	No [-]
Ready-to-install	No [-]
Glow-wire test	850/5 [Temperature 850 °C, duration 5 s]
Flammability mark	F [For mounting on normally flammable surfaces]
Country version	No [-]
CE mark	CE [CE mark]

ENEC mark ENEC [ENEC mark]

• Electrical

Input voltage 220-240 V [220 to 240 V]

• Mechanical

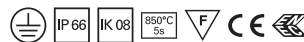
Housing configuration 2 H2L [2-lamp housing]

Housing material PES [Polyester]

Mechanical accessories No [-]

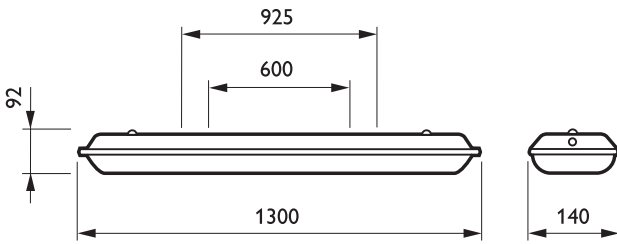
• Product Data

Order code	103471 00
Full product code	871155910347100
Full product name	TCW216 2xTL-D36W HFS PI
Order product name	TCW216 2xTL-D36W HFS PI
Pieces per pack	0
Packs per outerbox	1
Bar code on outerbox - EAN3	8711559103471
Logistic code(s) - 12NC	910402607118
Net weight per piece	2.203 kg



PHILIPS

Dimensional drawing



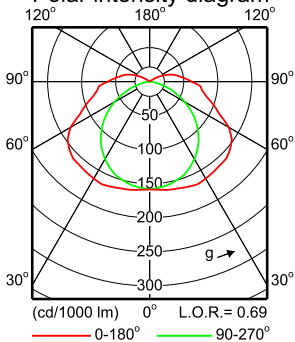
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Photometric data

TCW216 2xTL-D36W HFP

2 x 3350 lm

Polar intensity diagram



Light output ratio 0.69
 Service upward 0.06
 Service downward 0.63

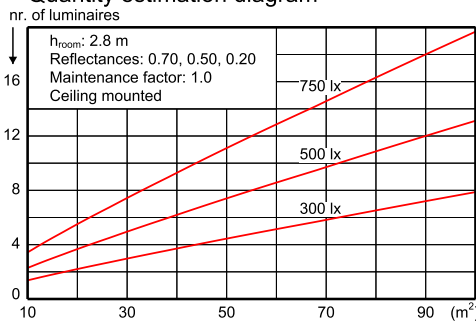
CIE flux code 37 68 88 91 69

S/H ratio crosswise max. 2.2
 lengthwise max. 1.7

UGRcen (4Hx8H, 0.25H) 25
 UTE71-121: 0.63G + 0.06T

LVN8816100

Quantity estimation diagram

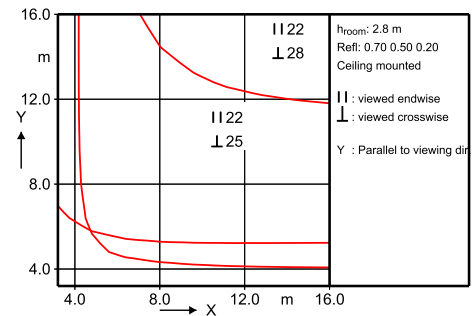


Utilisation factor table

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
0.60	0.29	0.27	0.28	0.27	0.27	0.21	0.20	0.17	0.20	0.16	0.15	
0.80	0.36	0.33	0.35	0.34	0.33	0.27	0.26	0.22	0.25	0.22	0.20	
1.00	0.42	0.39	0.40	0.39	0.38	0.32	0.31	0.27	0.30	0.26	0.24	
1.25	0.47	0.43	0.46	0.44	0.42	0.37	0.35	0.32	0.34	0.31	0.28	
1.50	0.52	0.47	0.50	0.48	0.46	0.41	0.39	0.35	0.38	0.34	0.32	
2.00	0.59	0.52	0.56	0.54	0.51	0.46	0.45	0.41	0.43	0.40	0.37	
2.50	0.63	0.56	0.61	0.57	0.54	0.50	0.48	0.45	0.47	0.44	0.41	
3.00	0.67	0.58	0.64	0.60	0.57	0.53	0.51	0.48	0.49	0.47	0.44	
4.00	0.71	0.61	0.68	0.64	0.60	0.57	0.55	0.52	0.53	0.51	0.47	
5.00	0.74	0.63	0.71	0.66	0.62	0.59	0.57	0.55	0.55	0.53	0.50	

Ceiling mounted

UGR diagram



Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	6450	5747	5041
50.0	6590	5835	4846
55.0	6709	5933	4525
60.0	6604	5991	4158
65.0	6099	5697	3625
70.0	6019	5174	3102
75.0	5968	5001	2315
80.0	6362	5086	1638
85.0	7387	5865	945
90.0	7924	6468	1206

(cd/m²)

2013-11-30

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www.philips.com/lighting

2015, January 8
 data subject to change