

# Pacific TCW216

TCW216 2xTL-D58W HFS PI



TCW216 - 2 pcs - MASTER TL-D - 58 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	58 W [58 W]
Light source replaceable	true [Yes]
Compensation circuit	No [-]
Gear	HFP [HF Performer]
Driver included	true [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	CLI [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

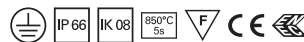
Housing configuration 2 H2L [2-lamp housing]

Housing material PES [Polyester]

Mechanical accessories No [-]

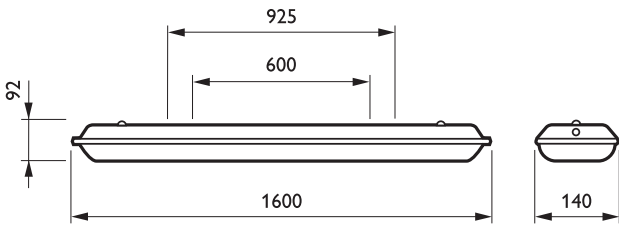
### • Product Data

Order code	910402607318
Full product code	910402607318
Full product name	TCW216 2xTL-D58W HFS PI
Order product name	TCW216 2xTL-D58W HFS PI
Pieces per pack	0
Packs per outerbox	1
Bar code on outerbox - EAN3	8711559291888
Logistic code(s) - 12NC	910402607318
Net weight per piece	2.604 kg



# PHILIPS

Dimensional drawing

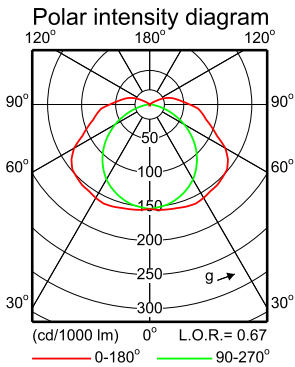


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Photometric data

TCW216 2xTL-D58W HFP

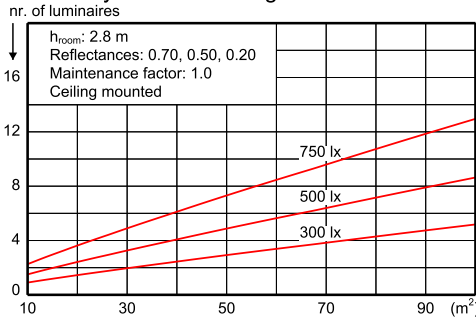
2 x 5240 lm



Light output ratio 0.67  
 Service upward 0.06  
 Service downward 0.61  
 CIE flux code 37 68 88 91 67  
 S/H ratio crosswise max. 2.0  
 lengthwise max. 1.8  
 UGRcen (4Hx8H, 0.25H) 26  
 UTE71-121: 0.61G + 0.06T

LVN8815900

Quantity estimation diagram

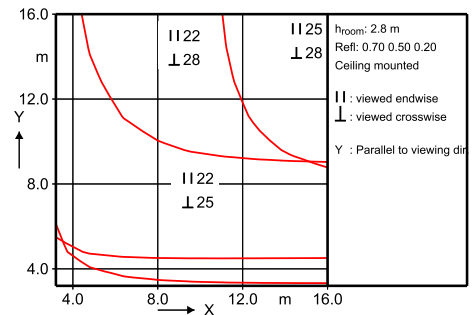


Utilisation factor table

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	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.30	0.10	0.00	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	0.00
1.25	0.60	0.28	0.26	0.27	0.26	0.26	0.20	0.20	0.16	0.19	0.16	0.14
1.50	0.80	0.35	0.33	0.34	0.33	0.32	0.26	0.25	0.22	0.24	0.21	0.19
2.00	1.00	0.40	0.37	0.39	0.38	0.36	0.31	0.30	0.26	0.29	0.25	0.23
2.50	1.25	0.46	0.42	0.44	0.43	0.41	0.36	0.34	0.31	0.33	0.30	0.27
3.00	1.50	0.50	0.46	0.48	0.46	0.44	0.40	0.38	0.34	0.36	0.33	0.31
4.00	2.00	0.57	0.51	0.55	0.52	0.50	0.45	0.43	0.40	0.42	0.39	0.36
5.00	2.50	0.61	0.54	0.59	0.56	0.53	0.49	0.47	0.44	0.45	0.43	0.40
	3.00	0.65	0.57	0.62	0.58	0.55	0.52	0.50	0.47	0.48	0.45	0.42
	4.00	0.69	0.60	0.66	0.62	0.58	0.55	0.53	0.51	0.51	0.49	0.46
	5.00	0.72	0.62	0.69	0.64	0.60	0.58	0.55	0.53	0.53	0.51	0.48

Ceiling mounted

UGR diagram



Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	7790	7062	6254
50.0	8055	7160	5992
55.0	8126	7268	5643
60.0	8023	7387	5250
65.0	7482	7138	4666
70.0	7425	6542	4004
75.0	7504	6315	3170
80.0	8094	6537	2143
85.0	9017	7251	1685
90.0	9585	8381	1889

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

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 data subject to change