TCW060



TCW060 1xTL-D18W HF

TCW060 - 1 pc - MASTER TL-D - 18 W - Electronic high-frequency

Designed for use in demanding environments, TCW060 is an economical, compact waterproof luminaire. Dedicated versions are available for TL-D and TL5 lamps.Ingress-protected to a level of IP65 and operating solely on electronic gear, this is a competitive energy-saving solution for wet spaces – at the same cost as an electromagnetic solution. A flexible ceiling clip facilitates easy installation and maintenance.

Product data

• General Information

Number of light sources	1 [1 pc]
Lamp family code	TL-D [MASTER TL-D]
Lamp power	18 W
Kombipack	-
Gear	HF [Electronic high-frequency]
Optical cover/lens type	PCP [Polycarbonate bowl/cover prismatic]
Emergency lighting	No [-]
Connection	SI [Screw connection block]
Glow-wire test	650/5 [Temperature 650 °C, duration 5 s]
Country version	NO [Norway]
CE mark	CE mark
Product Family Code	TCW060

• Operating and Electrical

Input voltage	220 to 240 V

• Mechanical and Housing

Fixation point length distance (nom.)	350 mm

• Approval and Application

Ingress protection code	IP65 [Dust penetration-protected, jet-proof]
Mech. impact protection code	IK08 [5 J vandal-protected]

• Application Conditions

Suitable for random switching	No

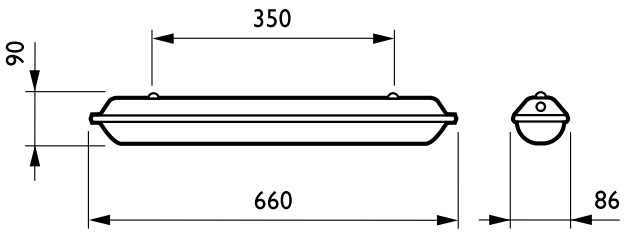
• Product Data

Full product code	871155981377699
Order product name	TCW060 1xTL-D18W HF
EAN/UPC – product	8711559813776
Order code	81377699
Numerator – quantity per pack	1
Numerator – packs per outer box	12
Material no. (12NC)	910503610618
Net weight (piece)	1.120 kg

CE 650°C IP65 IK08

PHILIPS

Dimensional drawing

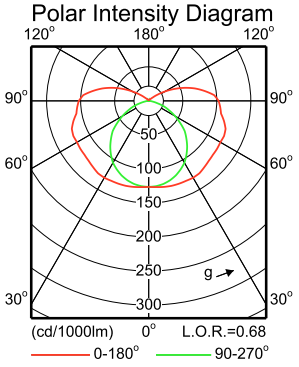


Photometric data

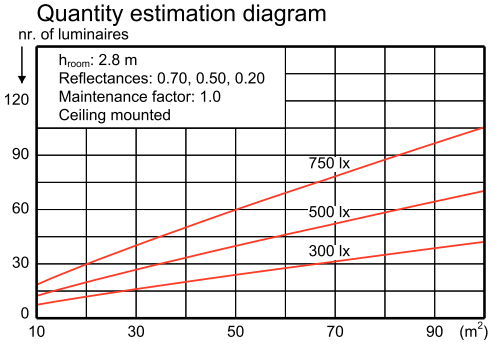
TCW060 1xTL-D18W HF

1 x 1350 lm

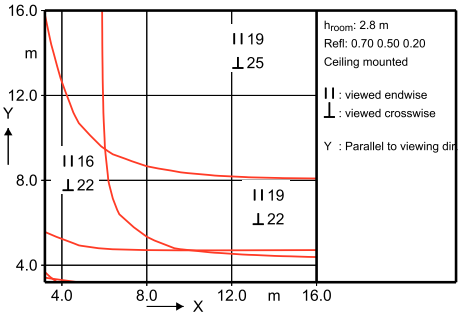
Polar Intensity Diagram



Quantity estimation diagram



UGR diagram



Light output ratio 0.68
Service upward 0.12
Service downward 0.56

CIE flux code 33 60 83 83 68

S/H ratio crosswise max. 2.1
lengthwise max. 1.7

UGRcen (4Hx8H, 0.25H) 23
UTE71-121: 0.56H + 0.12T

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
	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.30	0.10	0.00
	0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.27	0.26	0.26	0.25	0.25	0.19	0.18	0.15	0.17	0.14	0.12
0.80	0.33	0.31	0.32	0.31	0.30	0.24	0.23	0.19	0.22	0.18	0.16
1.00	0.39	0.36	0.37	0.36	0.34	0.29	0.27	0.23	0.25	0.22	0.19
1.25	0.44	0.40	0.42	0.40	0.39	0.33	0.31	0.28	0.29	0.26	0.23
1.50	0.48	0.44	0.46	0.44	0.42	0.37	0.35	0.31	0.32	0.29	0.26
2.00	0.55	0.49	0.52	0.49	0.47	0.42	0.40	0.36	0.37	0.34	0.30
2.50	0.59	0.52	0.56	0.53	0.50	0.46	0.43	0.40	0.41	0.38	0.34
3.00	0.63	0.55	0.59	0.56	0.53	0.49	0.46	0.43	0.43	0.41	0.36
4.00	0.67	0.58	0.64	0.60	0.56	0.53	0.50	0.47	0.47	0.45	0.40
5.00	0.70	0.60	0.66	0.62	0.58	0.55	0.52	0.50	0.49	0.47	0.42

Ceiling mounted

Luminance Table

Plane / Cone	0.0	45.0	90.0
45.0	2753	2568	2465
50.0	2807	2478	2362
55.0	2911	2402	2127
60.0	3032	2471	1897
65.0	3239	2615	1629
70.0	3429	2658	1401
75.0	3564	2681	932
80.0	3725	2874	563
85.0	4122	3138	328
90.0	4668	3670	355

(cd/m2)

LVW1587600

2012-05-04

IFGU1_TCW060 1xTL-D18W HF.EPS

Photometric data

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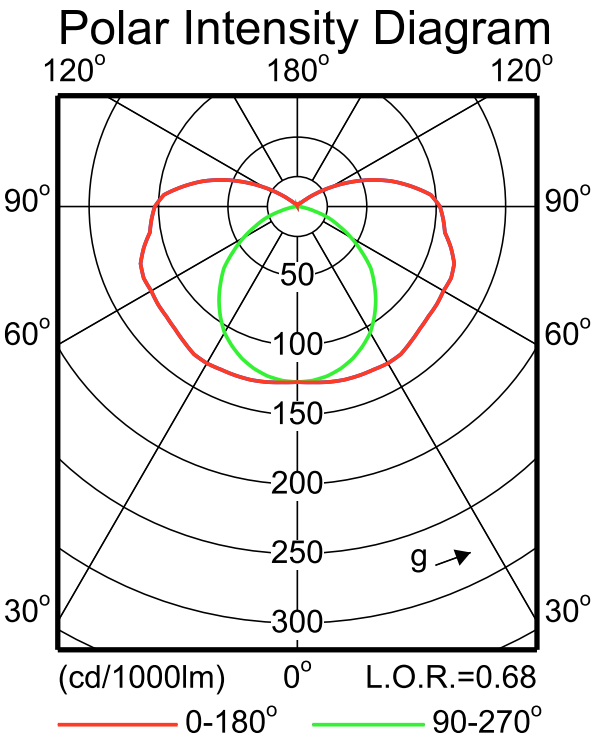
1 x 1350 lm



LVW1587600

2012-05-04

IFPC1_TCW060 1xTL-D18W HF.EPS

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data subject to change