

TCW060

TCW060 2xTL-D18W HF



TCW060 - 2 pcs - 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

Product family code	TCW060 [TCW060]
Number of light sources	2 [2 pcs]
Lamp family code	TL-D [MASTER TL-D]
Lamp power	18 W [18 W]
Kombipack	No [-]
Gear	HF [Electronic high-frequency]
Optical cover/lens type	PCP [Polycarbonate prismatic]
Emergency lighting	No [-]
Connection	SI [Screw connection block]
Ingress protection code	IP65 [Dust penetration-protected, jet-proof]
Mech. impact protection code	IK08 [5 J vandal-protected]
Color	GR [Gray]
Glow-wire test	650/5 [Temperature 650 °C, duration 5 s]
Country version	No [-]
CE mark	CE [CE mark]

• Electrical

Input voltage	230-240 V [230 to 240 V]
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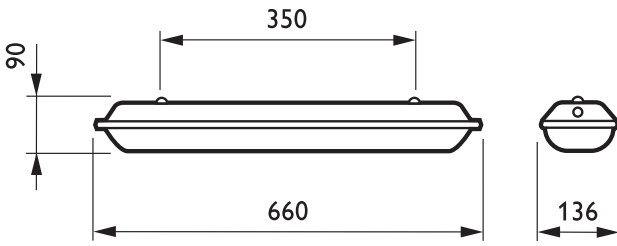
• Product Data

Order code	910503610718
Full product code	910503610718
Full product name	TCW060 2xTL-D18W HF
Order product name	TCW060 2xTL-D18W HF
Pieces per pack	1
Packs per outerbox	9
Bar code on pack - EAN1	8711559813783
Bar code on outerbox - EAN3	8711559813882
Logistic code(s) - 12NC	910503610718
Net weight per piece	1.400 kg



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Dimensional drawing



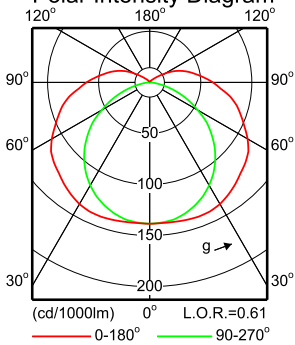
TCW060 2xTL-D18W HF

Photometric data

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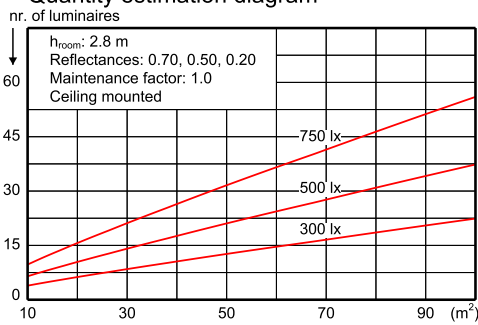
2 x 1350 lm

Polar Intensity Diagram



Light output ratio 0.61
 Service upward 0.07
 Service downward 0.54
 CIE flux code 37 67 87 88 61
 S/H ratio crosswise max. 1.8
 lengthwise max. 1.8
 UGRcen (4Hx8H, 0.25H) 24
 UTE71-121: 0.54G + 0.07T

Quantity estimation diagram

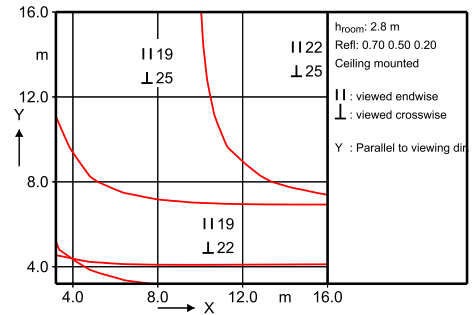


Utilisation factor table

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	0.25	0.24	0.24	0.24	0.23	0.19	0.18	0.15	0.17	0.14	0.13	
0.80	0.31	0.29	0.30	0.29	0.29	0.24	0.23	0.19	0.22	0.19	0.17	
1.00	0.36	0.34	0.35	0.34	0.33	0.28	0.27	0.23	0.26	0.23	0.20	
1.25	0.41	0.38	0.40	0.38	0.37	0.32	0.31	0.27	0.29	0.26	0.24	
1.50	0.45	0.41	0.44	0.42	0.40	0.35	0.34	0.31	0.32	0.30	0.27	
2.00	0.51	0.46	0.49	0.47	0.44	0.40	0.39	0.36	0.37	0.34	0.31	
2.50	0.55	0.49	0.53	0.50	0.47	0.44	0.42	0.39	0.40	0.38	0.35	
3.00	0.58	0.51	0.56	0.52	0.50	0.46	0.44	0.42	0.42	0.40	0.37	
4.00	0.62	0.54	0.59	0.56	0.52	0.50	0.47	0.45	0.45	0.43	0.40	
5.00	0.65	0.56	0.62	0.58	0.54	0.52	0.49	0.48	0.47	0.45	0.42	

Ceiling mounted

UGR diagram



Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	4021	3690	3585
50.0	4106	3637	3419
55.0	4202	3532	3249
60.0	4234	3407	2909
65.0	4263	3443	2621
70.0	4382	3450	2218
75.0	4595	3448	1724
80.0	4820	3393	1065
85.0	5027	3702	625
90.0	5623	4288	550

(cd/m²)

LWV1580700

2012-05-04

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2014, November 19
 data subject to change