TCW060



TCW060 1xTL-D58W HF

TCW060 - 1 pc - MASTER TL-D - 58 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	58 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.)	1200 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

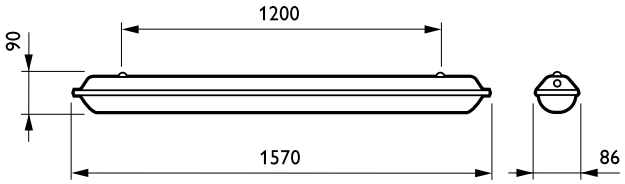
• Product Data

Full product code	871155981381399
Order product name	TCW060 1xTL-D58W HF
EAN/UPC – product	8711559813813
Order code	81381399
Numerator – quantity per pack	1
Numerator – packs per outer box	9
Material no. (12NC)	910503611018
Net weight (piece)	2.500 kg

CE 650°C IP65 IK08

PHILIPS

Dimensional drawing

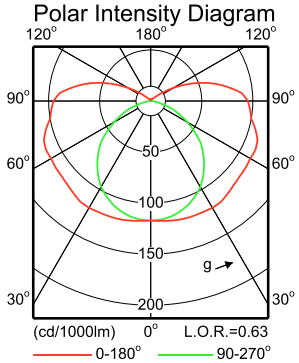


Photometric data

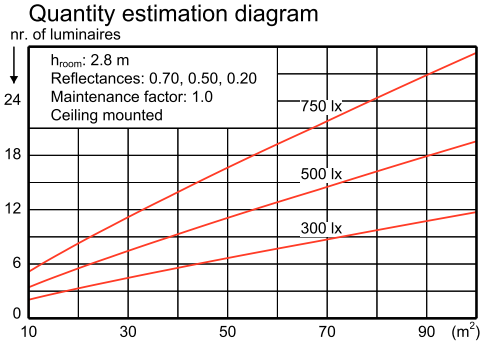
TCW060 1xTL-D58W HF

1 x 5240 lm

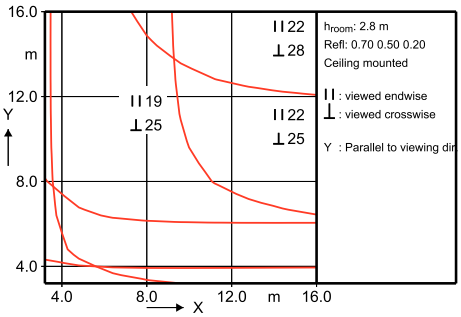
Polar Intensity Diagram



Quantity estimation diagram



UGR diagram



Light output ratio	0.63
Service upward	0.11
Service downward	0.52
CIE flux code	33 60 83 83 63
S/H ratio crosswise	max. 2.1
lengthwise	max. 1.7
UGRcen (4Hx8H, 0.25H)	25
UTE71-121:	0.52H + 0.11T

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	0.25	0.24	0.24	0.23	0.23	0.18	0.17	0.14	0.16	0.13	0.11	
0.80	0.31	0.29	0.29	0.29	0.28	0.23	0.21	0.18	0.20	0.17	0.15	
1.00	0.36	0.33	0.34	0.33	0.32	0.27	0.25	0.22	0.24	0.21	0.18	
1.25	0.41	0.37	0.39	0.37	0.36	0.31	0.29	0.26	0.27	0.24	0.21	
1.50	0.45	0.40	0.42	0.41	0.39	0.34	0.32	0.29	0.30	0.27	0.24	
2.00	0.51	0.45	0.48	0.46	0.44	0.39	0.37	0.34	0.35	0.32	0.28	
2.50	0.55	0.48	0.52	0.49	0.47	0.43	0.40	0.37	0.38	0.35	0.31	
3.00	0.58	0.51	0.55	0.52	0.49	0.45	0.43	0.40	0.40	0.38	0.34	
4.00	0.62	0.54	0.59	0.55	0.52	0.49	0.46	0.44	0.43	0.41	0.37	
5.00	0.65	0.56	0.62	0.58	0.54	0.51	0.48	0.46	0.45	0.44	0.39	

Ceiling mounted

Luminance Table

Plane / Cone	0.0	45.0	90.0
45.0	4162	3961	3869
50.0	4243	3832	3733
55.0	4400	3724	3390
60.0	4584	3843	3054
65.0	4897	4082	2659
70.0	5184	4167	2331
75.0	5387	4225	1597
80.0	5631	4558	1015
85.0	6231	5021	664
90.0	7057	5945	1277

(cd/m2)

LVW1587600

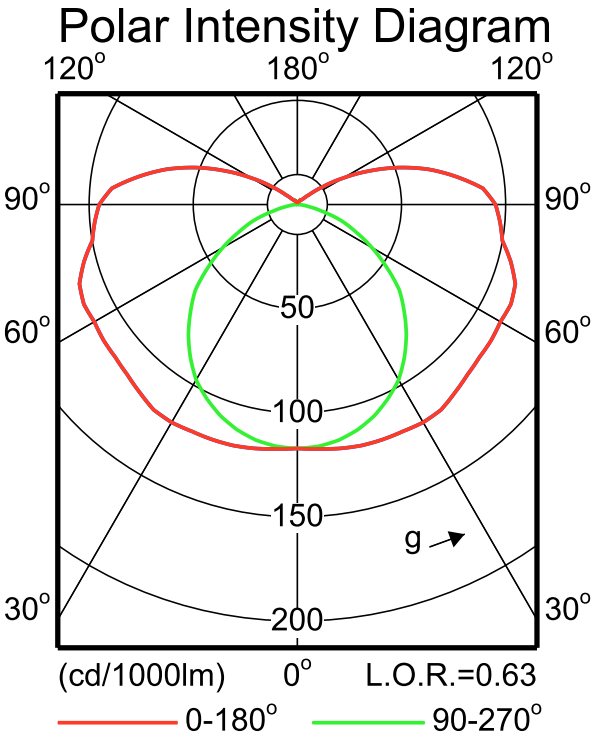
2012-05-04

IFGU1_TCW060 1xTL-D58W HF.EPS

Photometric data

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1 x 5240 lm



LVW1587600

2012-05-04

IFPC1_TCW060 1xTL-D58W HF.EPS

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2016, October 27
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