

# TCW060

## TCW060 1xTL5-28W HF



TCW060 - 1 pc - TL5 - 28 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	TL5 [ TL5]
Lamp power	28 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
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#### • Mechanical and Housing

Fixation point length distance (nom.)	800 mm
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#### • Approval and Application

Ingress protection code	IP65 [ Dust penetration-protected, jet-proof]
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Mech. impact protection code	IK08 [ 5 ] vandal-protected]
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#### • Application Conditions

Suitable for random switching	No
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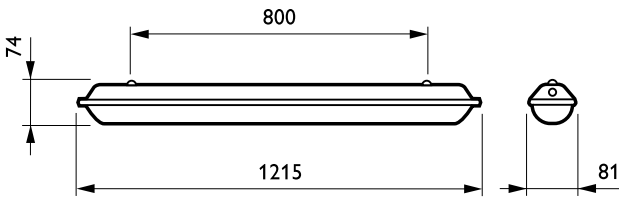
#### • Product Data

Full product code	871155981383799
Order product name	TCW060 1xTL5-28W HF
EAN/UPC – product	8711559813837
Order code	81383799
Numerator – quantity per pack	1
Numerator – packs per outer box	12
Material no. (12NC)	910503611218
Net weight (piece)	1.400 kg



# PHILIPS

Dimensional drawing

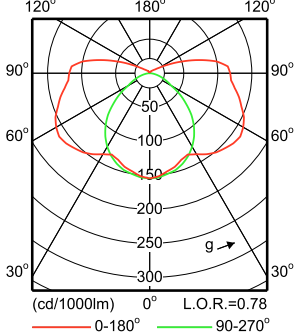


Photometric data

TCW060 1xTL5-28W HF

1 x 2625 lm

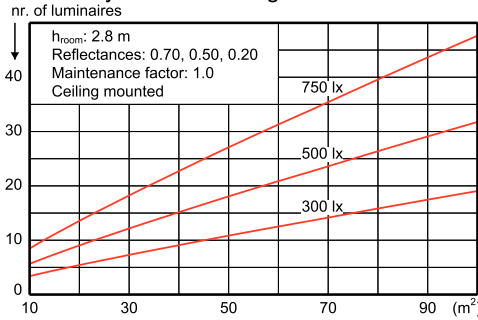
Polar Intensity Diagram



Light output ratio 0.78  
 Service upward 0.12  
 Service downward 0.66  
 CIE flux code 31 59 82 84 78  
 S/H ratio crosswise max. 2.4  
 lengthwise max. 1.6  
 UGRcen (4Hx8H, 0.25H) 25  
 UTE71-121: 0.66H + 0.12T

LW1587400

Quantity estimation diagram

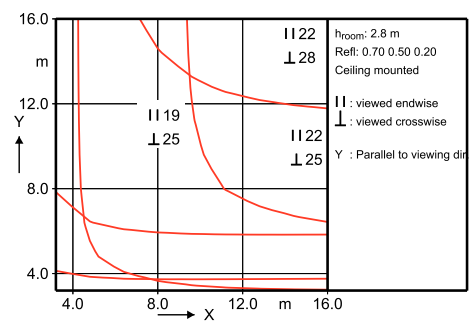


Utilisation factor table

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	0.30	0.28	0.29	0.28	0.27	0.21	0.20	0.16	0.19	0.15	0.13	
0.80	0.37	0.35	0.36	0.35	0.34	0.27	0.26	0.21	0.24	0.20	0.17	
1.00	0.43	0.40	0.42	0.40	0.39	0.32	0.30	0.26	0.29	0.25	0.21	
1.25	0.50	0.46	0.47	0.46	0.44	0.37	0.35	0.31	0.33	0.29	0.26	
1.50	0.55	0.50	0.52	0.50	0.48	0.42	0.39	0.35	0.37	0.33	0.29	
2.00	0.62	0.55	0.59	0.56	0.54	0.48	0.45	0.41	0.42	0.39	0.35	
2.50	0.67	0.59	0.64	0.61	0.57	0.52	0.49	0.46	0.46	0.43	0.39	
3.00	0.71	0.62	0.68	0.64	0.60	0.56	0.52	0.49	0.49	0.46	0.42	
4.00	0.77	0.66	0.73	0.68	0.64	0.60	0.57	0.54	0.53	0.51	0.46	
5.00	0.80	0.69	0.76	0.71	0.66	0.63	0.59	0.57	0.56	0.54	0.48	

Ceiling mounted

UGR diagram



Luminance Table

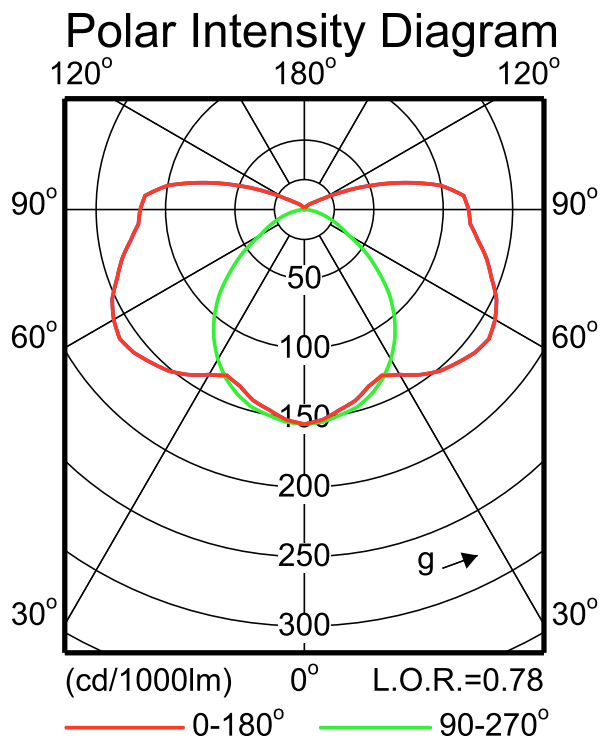
Plane Cone	0.0	45.0	90.0
45.0	4039	3337	3173
50.0	4308	3585	2788
55.0	4569	3704	2401
60.0	4724	3779	1841
65.0	4870	4101	1626
70.0	4958	4244	1409
75.0	5174	4421	1186
80.0	5430	4591	938
85.0	5901	4815	710
90.0	6905	5655	884

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

2012-05-04

TCW060 1xTL5-28W HF

1 x 2625 lm



LVW1587400

2012-05-04

IFPC1\_TCW060 1xTL5-28W HF.EPS



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2016, October 27  
data subject to change