

DEVELOPED FOR USE WITH T15 LAMP TECHNOLOGY, THESE IP65 RATED, VAPOUR PROOF FITTINGS ARE SUITABLE FOR WHERE A SEALED FITTING IS REQUIRED MAKING THEM IDEAL FOR THE FOOD INDUSTRY AS WELL AS FACTORIES, PLANT ROOMS AND CAR PARKS.

Features

- Slim, modern design with all polycarbonate construction.
- Silicon one piece gasket.
- Osram high frequency ballast.
- Powder coated, steel gear tray with quick release, stainless steel catches for easy maintenance.
- One or two T15 lamp configuration.
- IP65 rated.
- Supplied complete with waterproof 20mm cable glands, optional suspension plates and spare clips.
- Clear polycarbonate diffuser with moulded prisms for maximum light output and controlled distribution.

Part No (with Osram ballast)	Lamp Configuration
TN128PC	1x28W
TN228PC	2x28W
TN135PC	1x35W
TN235PC	2x35W
TN149PC	1x49W
TN249PC	2x49W
TN128WIDE	1x28W
TN135WIDE	1x35W
TN149WIDE	1x49W

Housing sets (body, diffuser & geartray)

TN128BDY	1x28W
TN228BDY	2x28W
TN135BDY	1x35W / 1x49W
TN235BDY	2x35W / 2x49W

Options

- Digital dimming models.
- Three hour emergency version.



One and two lamp options



Stainless steel clip



Accessories

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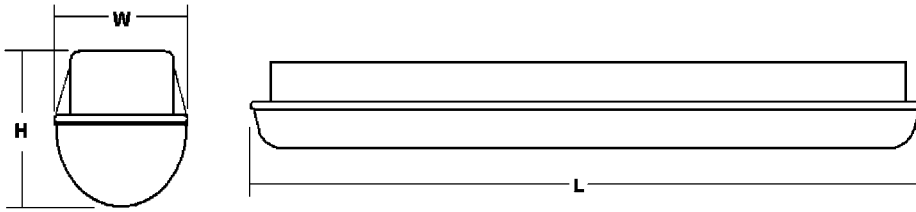
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ECOTRONIC®

Energy Efficient Lighting Systems

Advanced Light Control Concepts



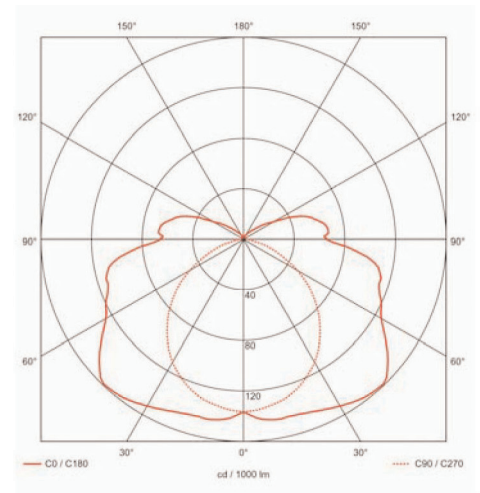
Dimensions

Model	L (mm)	W (mm)	H (mm)
TN128PC	1210	60	74
TN228PC	1210	100	74
TN135PC	1510	60	74
TN235PC	1510	100	74

Photometric data sheet 2 x 35w luminaire
Intensity Values Candelas per 1000 Lumens

	TRANS 30			TRANS 60			AXIAL			
0	136.5	136.5	136.5	136.5	136.5	136.5	90	65.6	52.9	22.1
5	142.5	135.7	136.0	135.3	135.3	135.3	95	67.3	49.0	17.5
10	145.0	137.6	135.3	132.8	132.8	132.8	100	65.5	46.2	14.9
15	144.7	136.6	134.2	130.0	130.0	130.0	105	59.3	41.5	11.6
20	146.1	136.5	131.7	125.1	125.1	125.1	110	52.6	33.1	8.4
25	148.9	136.7	127.6	119.1	119.1	119.1	115	41.4	23.4	6.1
30	152.3	137.7	122.4	112.2	112.2	112.2	120	27.8	17.2	4.4
35	155.9	139.4	117.5	103.6	103.6	103.6	125	20.9	12.5	3.6
40	158.3	140.7	112.0	94.1	94.1	94.1	130	14.3	8.7	2.7
45	158.3	140.7	107.6	83.8	83.8	83.8	135	10.1	6.4	2.0
50	148.7	134.7	103.9	72.8	72.8	72.8	140	7.3	5.0	1.9
55	136.7	123.2	98.7	61.4	61.4	61.4	145	5.5	3.5	1.9
60	125.6	111.9	87.1	49.1	49.1	49.1	150	4.0	2.5	1.6
65	120.0	101.2	73.0	36.7	36.7	36.7	155	2.7	2.1	1.7
70	113.9	97.0	62.3	26.3	26.3	26.3	160	2.3	1.9	1.5
75	112.0	89.8	51.2	17.6	17.6	17.6	165	2.2	1.9	1.6
80	104.7	84.5	41.7	9.2	9.2	9.2	170	2.1	1.7	1.6
85	85.7	71.3	32.4	4.6	4.6	4.6	175	2.2	1.6	1.7
							180	1.8	1.8	1.8

Titan 1500mm Twin 35w
Intensity Distribution Candelas / 1000 Lamp Lumens



50 Candela Divisions

Spacing to Mounting Height Ratio		Light Output Ratio's	
Nominal S/Hm.	2	Upward Light Output ULOR	9.8%
Maximum S/Hm.	2.023	Downward Light Output DLOR	59.6%
Maximum Transverse S/Hm.	2.619	Total LOR	69.4%

Utilisation Factors for a Nominal S/Hm of 2.00

Reflectances %			Room Index								
Ceiling	Walls	Floor	0.75	1.00	1.25	1.50	2.00	2.50	3.00	4.00	5.00
70	50	20	0	0.42	0.46	0.49	0.54	0.58	0.60	0.63	0.65
	30		0	0.36	0.40	0.44	0.49	0.53	0.56	0.60	0.62
	10		0	0.32	0.36	0.40	0.45	0.49	0.52	0.57	0.60
50	50	20	0	0.39	0.43	0.46	0.50	0.54	0.56	0.59	0.61
	30		0	0.35	0.38	0.41	0.46	0.50	0.52	0.56	0.58
	10		0	0.31	0.35	0.38	0.43	0.47	0.49	0.53	0.56
30	50	20	0	0.37	0.40	0.43	0.47	0.50	0.52	0.54	0.56
	30		0	0.33	0.36	0.39	0.44	0.47	0.49	0.52	0.54
	10		0	0.30	0.33	0.36	0.41	0.44	0.47	0.50	0.52
0	0	0	0	0.27	0.30	0.32	0.37	0.40	0.42	0.45	0.47
BZ Classification			N/A	5	6	6	6	6	6	6	6

All Photometry conducted in accordance to BS5225:Part 1:1975
Calculations conducted to CIBSIE TM5 & TM10

Uncorrected Glare Indices available on request.

Full Photometry available for all versions.

This data has been prepared in accordance with BS5255 part 1. Whilst every care has been taken to ensure accuracy, the company cannot accept any liability for errors, omissions or particular applications.

In accordance with its policy of continuous research and product development, the company reserves the right to amend or withdraw specifications without prior notice.