



PWGW T5 SERIES

FEATURES:

- Wide body Batten –111 mm wide body (single and twin lamps)
- Powder coated Galvanised wire guard
- Suitable for ceiling, wall and pendant mounting
- High quality white epoxy powder coated finish
- Complete with triphosphor lamps, 4000K – 840 T5
- Cover plate held by threaded nut for fast installation
- Large terminal block for ease of installation
- 25mm cable entry with protective grommet
- White Epoxy powder coated wire guard
- New moulded plastic snap-on end caps for easy diffuser installation

APPLICATION:

- All commercial, industrial and domestic applications

TECHNICAL DATA:

Body : Made of heavy gauge sheet steel.
Wire Guard : Galvanised wire with Epoxy powder coating
Paintwork : Fully coated with a high gloss white epoxy polyester powder, giving resilient finish.
Light Source : T5 (16mm diameter) triphosphor fluorescent tube, 14W, 28W & 35W.
Electrical data : 240Volt, 50Hz Power Factor 0.9
Wire : HR 105 degree centigrade
Ballast : HE Electronic Ballast EE1=B2
Lampholder : Moulded from Polycarbonate Material.

Optional Components:

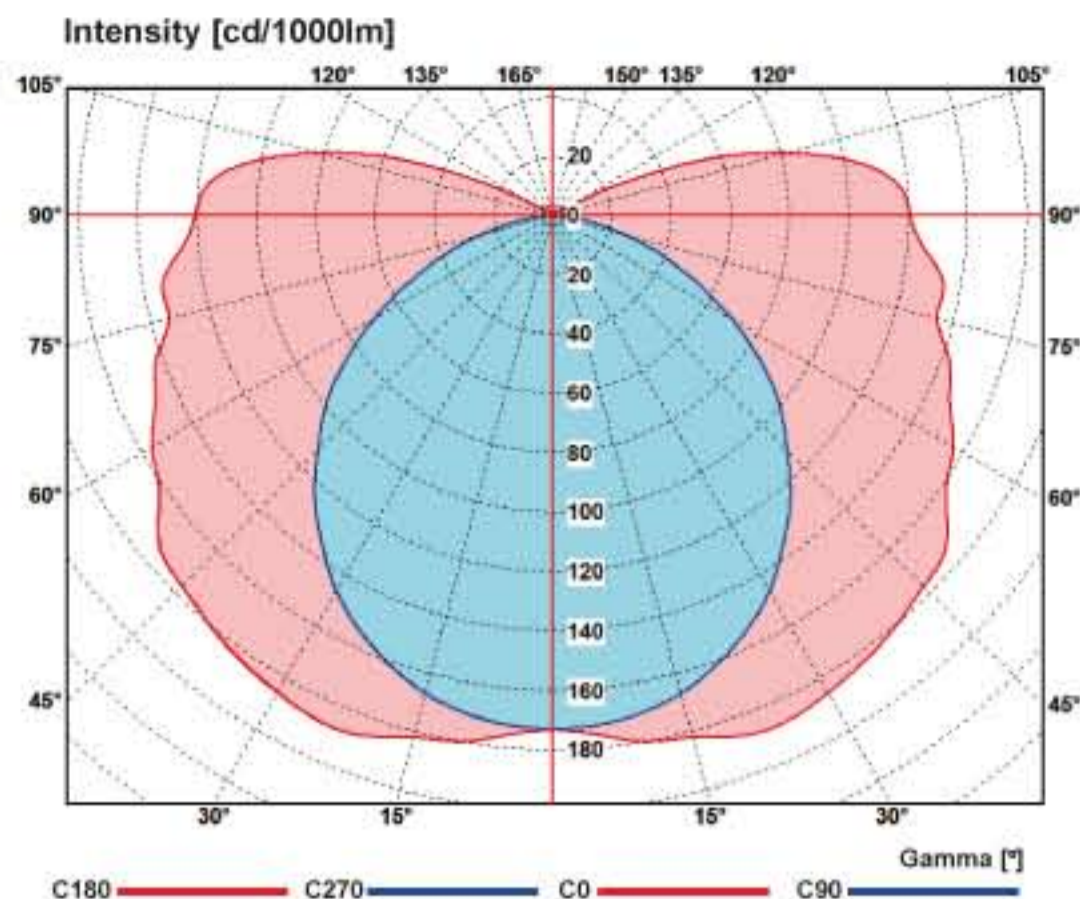
Fused terminal block 3amp
 DALI, DSI or analogue dimming ballast
 High output lamps
 Emergency packs available
 High frequency electronic ballast
 Diffuser kits
 Aluminium Body and Cover Tray



Manufactured to standards - AS/NZS 60598.1.0
 AS/NZS 60598.2.1
 AS/NZS 60598.2.2
 CISPR15

*Specification and materials subject to changes without prior notice.

Polar Diagram PWGW 128 / C-Plane Measurement



TM 5 Utilization Factors

Utilization factors			LOR=89.5% DLOR=77.0% ULOR=12.6%								
Room reflection			Room index								
C	W	F	0.75	1	1.25	1.5	2	2.5	3	4	5
0.7	0.5	0.2	N.A.	52	58	62	68	73	76	80	83
	0.3		N.A.	44	50	55	62	67	70	76	79
0.5	0.1	0.2	N.A.	39	45	49	56	62	66	71	75
	0.3		N.A.	48	54	58	64	68	70	75	77
0.3	0.1	0.2	N.A.	37	43	47	54	58	62	67	71
	0.3		N.A.	45	50	54	59	63	65	69	72
0.0	0.1	0.0	N.A.	40	45	49	55	59	62	66	69
	0.3		N.A.	36	41	45	51	55	58	63	66
0.0	0.0	0.0	N.A.	32	36	40	45	49	52	56	59
			SHR NOM=1.75			SHR MAX=1.89			SHR MAX TR=2.47		

TM 10 Unified Glare Ratios

Ceiling reflectance	0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
Wall reflectance	0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
Floor cavity reflectance	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Room dimension	Viewed crosswise					Viewed endwise				
2H 2H	14.0	15.7	14.8	16.4	17.3	11.2	12.8	11.9	13.5	14.4
2H 3H	17.9	19.4	18.7	20.1	21.0	13.4	14.9	14.2	15.7	16.5
2H 4H	20.2	21.5	20.9	22.3	23.2	14.4	15.7	15.2	16.5	17.5
2H 6H	22.6	23.8	23.4	24.6	25.6	15.1	16.3	15.9	17.1	18.1
2H 8H	24.0	25.1	24.8	26.0	26.9	15.4	16.5	16.2	17.3	18.3
2H 12H	25.6	26.7	26.4	27.5	28.5	15.6	16.6	16.4	17.5	18.4
4H 2H	14.2	15.6	14.9	16.4	17.3	12.4	13.9	13.1	14.6	15.5
4H 3H	18.2	19.5	19.0	20.3	21.2	15.0	16.3	15.8	17.1	18.0
4H 4H	20.6	21.7	21.4	22.5	23.5	16.3	17.4	17.1	18.2	19.2
4H 6H	23.3	24.3	24.2	25.1	26.1	17.3	18.3	18.2	19.1	20.1
4H 8H	25.0	25.9	25.9	26.8	27.7	17.9	18.8	18.8	19.6	20.6
4H 12H	26.9	27.6	27.7	28.5	29.5	18.3	19.0	19.2	19.9	20.9
8H 4H	20.8	21.8	21.6	22.6	23.6	18.2	19.2	19.0	20.0	21.0
8H 6H	23.8	24.6	24.6	25.5	26.5	19.7	20.5	20.6	21.4	22.4
8H 8H	27.5	27.5	27.5	27.5	27.5	22.5	22.5	22.5	22.5	22.5
8H 12H	27.8	27.8	27.8	27.8	27.8	20.1	20.1	20.1	20.1	20.1
12H 4H	21.0	22.0	21.9	22.9	23.8	19.8	20.8	20.6	21.6	22.6
12H 6H	24.3	25.1	25.2	26.0	27.0	21.6	22.3	22.5	23.2	24.2
12H 8H	28.2	28.2	28.2	28.2	28.2	24.4	24.4	24.4	24.4	24.4

Photometry result or data are available for interior lux calculation upon request.

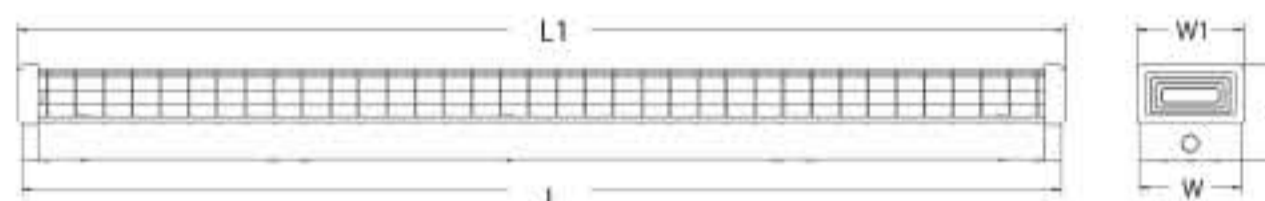
Photometry achieved by Sirijaya Industries own Goniophotometer.

Ordering data

Model No.	No. of Lamp	L(mm)	L1(mm)	W(mm)	W1(mm)	H(mm)
PWGW 114	1x14W	575	585	115	120	108
PWGW 214	2x14W	575	585	115	120	108
PWGW 128	1x28W	1175	1185	115	120	108
PWGW 228	2x28W	1175	1185	115	120	108
PWGW 135	1x35W	1475	1485	115	120	108
PWGW 235	2x35W	1475	1485	115	120	108

Note : Subjected to +/- 1.0mm

Dimension



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