ARMSTRONG K12 RECESSED T/BAR
2 X 14/28 WATT 300mm (nom) wide

ARM228T5K12

FEATURES

- Metal surfaces pre-treated and degreased before being polyester epoxy powder coated and baked for high protection and quality
- High temperature internal wiring for added safety
- Available in a wiring configuration to suit local market requirements.
- Low profile. Depth in ceiling is only 93mm.
- Standard lay-in diffused model can be converted to hinged frame on site.
- Large 25mm cable entry provided for hard wiring. In addition the luminaries can be supplied complete with 1.5 meter flex and plug.
- A range of acrylic diffuser panels including K12, K15, K19 K19S/T silver tint and opal can be used in both lay-in or hinged frame options.
- The acrylic diffuser panels used in the standard lay -in models are supported by the face of the T/Bar and do not form part of the luminaries.
- The hinged frames used with ARM recessed T/Bar luminaries are supported by and hinged from the face of the T/Bar. It does not form part of the luminaries.
- This recessed T/Bar luminaries can be converted to a recessed plaster luminaries, with the addition of a "PF" plaster frame.

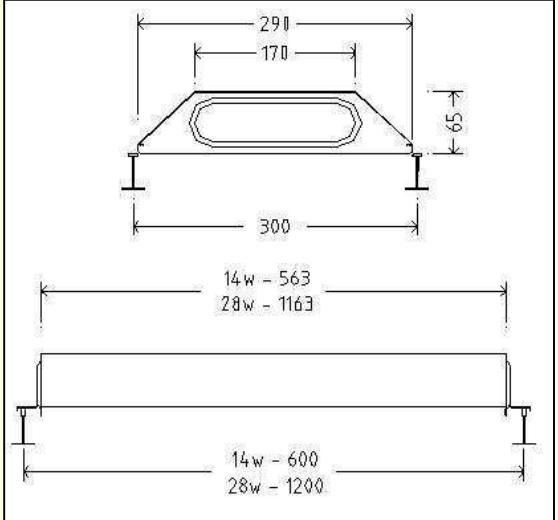
Models

- **ARM214T5K12**
- **ARM228T5K12**

APPLICATION

- Suitable for recessed 2 way exposed T/bar.
- This luminaries is a type T2.1 luminaries and is supported at each end on top of the main ceiling runners.
- Suitable for mounting in recessed plaster ceiling with addition "PF" frame.

DIMENSIONS



Hinged frame 14w: HFT18 28w: HFT36 See general catalogue " section F" for detail
Plaster frame 14w: PF18 28w: PF36 See general catalogue " section G" for detail

Note:
The acrylic diffuser panels used for this model, and also the hinged frames are sized for a 24mm T/Bar face.
Please advise Davis Lighting of any changes to this so that the correct size of diffuser or hinged frame for your project can be determined.

Manufactured to standards— *EN60598.1*
EN60598.2.1
EN60598.2.2
*EN55015*AS/NZS 4051)*

EMC compliant supplier Code N1562 (Aust)

NATIONAL ACCREDITATION OF CERTIFICATION BODIES

CERTIFIED TO MSISO 9002
REGISTRATION NO: AR1248

DAVIS LIGHTING "when your business depends on light."

300mm (nom) wide 2 x 14/28 WATT ARMSTRONG K12 RECESSED T/BAR

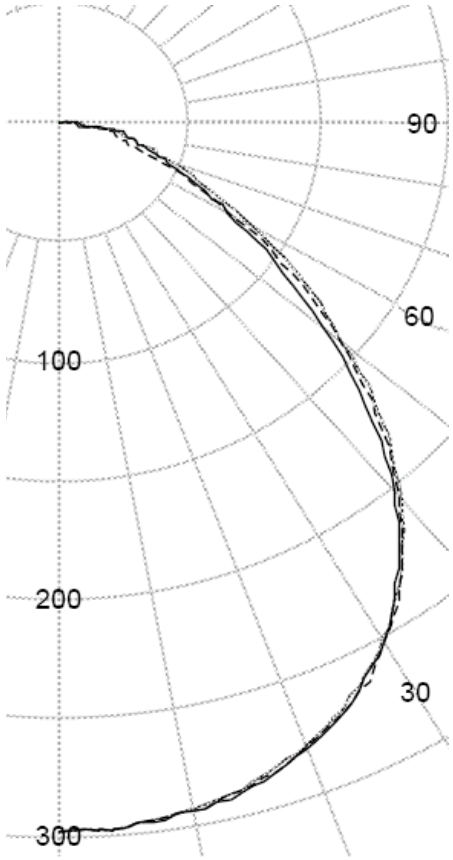
300mm (nom) wide **2 x 14/28 WATT ARMSTRONG K12 RECESSED T/BAR**

ARMSTRONG SERIES

Recessed T/Bar 300 mm wide 2 tube models
With lay-in K12 panel
Photometric Data applicable to 14w & 28w models

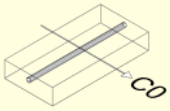
ARM214T5K12 Recessed T/Bar
ARM228T5K12 Recessed T/Bar

POLAR CURVE cd/1000 lms
I Max 241 cd in C0 plane at 0^0 gamma



INTENSITY SUMMARY (cd / klm)						
	C-Plane					Output
Gamma	C0	C22.5	C45	C67.5	C90	Lumens
0.0	298	298	298	298	298	
5.0	297	297	297	297	297	28
10.0	294	294	294	293	293	
15.0	289	289	288	287	287	81
20.0	280	280	280	278	278	
25.0	268	268	268	267	266	123
30.0	251	251	252	251	250	
35.0	228	229	231	231	230	143
40.0	201	201	204	205	206	
45.0	168	169	173	175	176	133
50.0	132	135	142	144	144	
55.0	102	105	110	114	114	98
60.0	75	78	78	84	86	
65.0	55	54	52	59	62	56
70.0	41	39	33	40	44	
75.0	32	29	24	28	31	30
80.0	24	22	20	20	23	
85.0	13	13	11	11	12	12
90.0	0	0	0	0	0	

LUMINOUS OPENING (28 watt): 1175 mm X 275 mm



CIE aiming convention
C0 Plane across
the tube

AVERAGE LUMINANCE (cd / sq.m / klm)			
Gamma	C0	C45	C90
45.0	734	759	772
55.0	549	593	613
65.0	400	378	456
75.0	381	288	375
85.0	463	405	428

Utilization factors UF(F)

SHR NOM = 1.50

Room Reflectance.			Room Index								
C	W	F	0.75	1.00	1.25	1.50	2.00	2.50	3.00	4.00	5.00
0.70	0.50	0.20	0.47	0.53	0.57	0.61	0.65	0.68	0.70	0.73	0.74
		0.30	0.42	0.48	0.53	0.57	0.61	0.65	0.67	0.70	0.72
		0.10	0.39	0.45	0.50	0.53	0.58	0.62	0.64	0.68	0.70
0.50	0.50	0.20	0.46	0.51	0.56	0.59	0.63	0.66	0.67	0.70	0.71
		0.30	0.42	0.47	0.52	0.55	0.60	0.63	0.65	0.68	0.70
		0.10	0.39	0.44	0.49	0.52	0.57	0.60	0.63	0.66	0.68
0.30	0.50	0.20	0.45	0.50	0.54	0.57	0.61	0.63	0.65	0.67	0.69
		0.30	0.42	0.47	0.51	0.54	0.58	0.61	0.63	0.66	0.67
		0.10	0.39	0.44	0.48	0.52	0.56	0.59	0.61	0.64	0.66
0.00	0.00	0.00	0.37	0.42	0.47	0.50	0.54	0.57	0.58	0.61	0.63

AUSTRALIA

HEAD OFFICE: Tel: +61 (7) 37128988 +61 (7) 33755682
SALES OFFICES (all states): Tel: 1300851001
E-Mail: sales@davislighting.com
Website: www.davislighting.com

DAVIS LIGHTING "when your business depends on light."