



3	Warm White LED (3000K)	CRI 80				CRI 90			
		6W	10W	15W	20W	6W	10W	15W	20W
	Lumen Output	1026 lm	1748 lm	2581 lm	3390 lm	869 lm	1480 lm	2186 lm	2872 lm
	LOR	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
	CRI	80	80	80	80	90	90	90	90
	Total Power	6.5W	11.4W	17.8W	22.8W	6.5W	11.4W	17.8W	22.8W
	Power Factor	0.92	0.95	0.90	0.96	0.92	0.95	0.90	0.96
	Running Current	0.03A	0.05A	0.09A	0.10A	0.03A	0.05A	0.09A	0.10A
	Inrush Current (Std)	17.0A (231us)	6.0A (80us)	1.5A (60us)	16.0A (229us)	17.0A (231us)	6.0A (80us)	1.5A (60us)	16.0A (229us)
	Inrush Current (Dim)	15.0A (243us)	18.0A (140us)	25.0A (141us)	25.0A (141us)	15.0A (243us)	18.0A (140us)	25.0A (141us)	25.0A (141us)
	Efficacy	145 lm/W	141 lm/W	133 lm/W	136 lm/W	122 lm/W	119 lm/W	112 lm/W	115 lm/W
	Emergency Output (BLF)	471 (46%)	454 (26%)	412 (16%)	440 (13%)	399 (46%)	384 (26%)	349 (16%)	373 (13%)

4	Neutral White LED (4000K)	CRI 80				CRI 90			
		6W	10W	15W	20W	6W	10W	15W	20W
	Lumen Output	1070 lm	1822 lm	2691 lm	3535 lm	913 lm	1556 lm	2297 lm	3018 lm
	LOR	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
	CRI	80	80	80	80	90	90	90	90
	Total Power	6.5W	11.4W	17.8W	22.8W	6.5W	11.4W	17.8W	22.8W
	Power Factor	0.92	0.95	0.90	0.96	0.92	0.95	0.90	0.96
	Running Current	0.03A	0.05A	0.09A	0.10A	0.03A	0.05A	0.09A	0.10A
	Inrush Current (Std)	17.0A (231us)	6.0A (80us)	1.5A (60us)	16.0A (229us)	17.0A (231us)	6.0A (80us)	1.5A (60us)	16.0A (229us)
	Inrush Current (Dim)	15.0A (243us)	18.0A (140us)	25.0A (141us)	25.0A (141us)	15.0A (243us)	18.0A (140us)	25.0A (141us)	25.0A (141us)
	Efficacy	151 lm/W	147 lm/W	139 lm/W	142 lm/W	129 lm/W	125 lm/W	118 lm/W	121 lm/W
	Emergency Output (BLF)	492 (46%)	473 (26%)	430 (16%)	459 (13%)	419 (46%)	404 (26%)	367 (16%)	392 (13%)

## Soledo® Square Midi

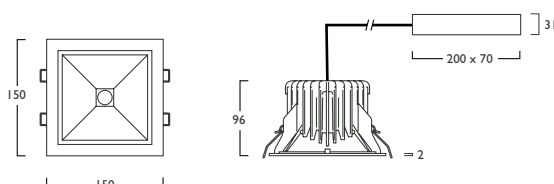


### LED CRI 80

Power	LED	ID	LED	06	10	15	20	+	477
6W	LED	ID1099	LED	06	10	15	20	+	477
10W	LED	ID1099	LED	06	10	15	20	+	477
15W	LED	ID1099	LED	06	10	15	20	+	477
20W	LED	ID1099	LED	06	10	15	20	+	477

### LED CRI 90

Power	LED	ID	LED	06	10	15	20	+	478
6W	LED	ID1100	LED	06	10	15	20	+	478
10W	LED	ID1100	LED	06	10	15	20	+	478
15W	LED	ID1100	LED	06	10	15	20	+	478
20W	LED	ID1100	LED	06	10	15	20	+	478



230V 50Hz IP20 140mm x 140mm 0.9 kg

- Class leading LED Square Downlighter
- Exceptional engineering and thermal management
- Choice of lumen outputs, delivering up to 3535 lumens
- Efficacies up to 151 lm/W
- Life expectancy in excess of 50,000 hours (L90 B10)
- CRI 80 and CRI 90 versions available, colour stability within 3 MacAdams
- Emergency versions available
- Wireless Lighting Control available
- Digital Dim and Digital Dim + Emergency options available

- A Integral Driver/Remote
- E Emergency
- J Switch Dim
- K Switch Dim + Emergency
- S DALI Dim
- T DALI Dim + Emergency
- C DALI Dim + DALI Emergency
- L DALI Bluetooth
- M DALI Bluetooth + Emergency

- 3 Warm (3000K) 4 Neutral (4000K)
- 1 White (RAL 9010) 2 Urban Graphite (RAL 7046) 3 Black (RAL 9005)

#### Glass Options

- 549 Flush Clear
- 558 Flush Etched

Tel: (0191) 280 9911 Email: technical@hacel.co.uk Web: www.hacel.co.uk V3 - 04/2026

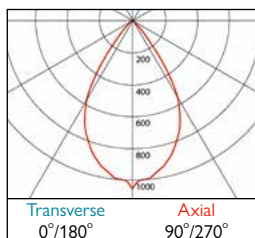
\* All values provided in this document are subject to International standards and electronic components from leading suppliers which are subject to +/- 10% tolerance and apply at an ambient temperature of 25°C. Hacel Lighting look to constantly improve it's product and reserve the right to change specifications without prior notification.





## Soledo<sup>®</sup> Square Midi

### Photometrics



477-478 DLOR: 0.92