



3	Warm White LED (3000K)	CRI 80	8W	12W	17W	22W	30W
	Lumen Output		1096 lm	1546 lm	2103 lm	2983 lm	5478 lm
	LOR		0.97	0.97	0.97	0.97	0.80
	CRI		80	80	80	80	80
	Total Power		9.0W	13.1W	17.8W	25.4W	33.4W
	Power Factor		0.90	0.95	0.93	0.96	0.97
	Running Current		0.04A	0.06A	0.08A	0.12A	0.15A
	Inrush Current (Std)		8.0A (80us)	15.0A (204us)	8.0A (80us)	16.0A (229us)	30.0A (200us)
	Inrush Current (Dim)		15.0A (243us)	18.0A (140us)	25.0A (141us)	25.0A (141us)	10.0A (50us)
	Efficacy		118 lm/W	114 lm/W	114 lm/W	113 lm/W	131 lm/W
	Emergency Output (BLF)		361 lm (33%)	340 lm (22%)	336 lm (16%)	328 lm (11%)	431 lm (8%)

4	Neutral White LED (4000K)	CRI 80	8W	12W	17W	22W	30W
	Lumen Output		1154 lm	1627 lm	2229 lm	3139 lm	5727 lm
	LOR		0.97	0.97	0.97	0.97	0.80
	CRI		80	80	80	80	80
	Total Power		9.0W	13.1W	17.8W	25.4W	33.4W
	Power Factor		0.90	0.95	0.93	0.96	0.97
	Running Current		0.04A	0.06A	0.08A	0.12A	0.15A
	Inrush Current (Std)		8.0A (80us)	15.0A (204us)	8.0A (80us)	16.0A (229us)	30.0A (200us)
	Inrush Current (Dim)		15.0A (243us)	18.0A (140us)	25.0A (141us)	25.0A (141us)	10.0A (50us)
	Efficacy		124 lm/W	120 lm/W	121 lm/W	119 lm/W	137 lm/W
	Emergency Output (BLF)		380 lm (33%)	357 lm (22%)	356 lm (16%)	345 lm (11%)	449 lm (8%)

Soledo®



LED

Power	LED	ID244	LED	08	12	17	22	30	370
8W	LED	ID244	LED	08	12	17	22	30	370
12W	LED	ID244	LED	12	17	22	30	370	370
17W	LED	ID244	LED	17	22	30	370	370	370
22W	LED	ID244	LED	22	30	370	370	370	370
30W	LED	ID244	LED	30	370	370	370	370	435

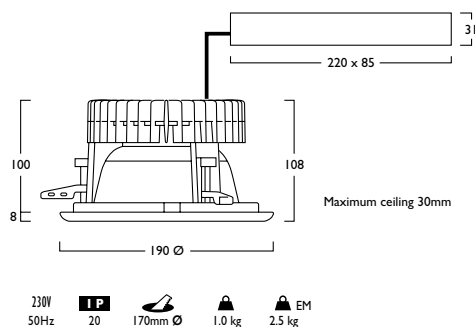
- Efficacies up to 137 lm/W
- Available in a choice of lumen outputs, delivering lumens from 1096 up to 5727
- UGR <22 (<19 with anti-glare louvre option)
- Life expectancy (up to 22W) in excess of 50,000 hours (L80 B10)
- Life expectancy (30W) in excess of 57,000 hours (L90 B10)
- Colour stability within 3 MacAdams
- Positive clamp fixings for ease of installation
- Wide range of options for customisation
- 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, Polycarbonate, Luminescent Halo, Reflector & Emergency Sign, Spacer Ring Options - Examples Shown on page 2



Tel: (0191) 280 9911 Email: technical@hacel.co.uk Web: www.hacel.co.uk 04/2026 - V8

* 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. Hacer Lighting look to constantly improve it's product and reserve the right to change specifications without prior notification.

* UGR<19 compliant based on spacing @ 1.0 based on BS EN12464 part 1 2024, Clause 5.5.3.2

Soledo® Options

■ Glass Options



432 Flush Clear (IP44)
434 Flush Clear + Gasket (IP65)



433 Flush Etched (IP44)
435 Flush Etched + Gasket (IP65)



436 Floating Etched



438 Floating Halo Etched

■ Polycarbonate Options



439 Domed Diffuser



440 Flush Diffuser



441 Impact Resistant Cover (IP44)



443 Sculpted Diffuser



444 Sculpted Diffuser
+ Neptune Blue Insert



446 Sculpted Diffuser
+ Acid Green Insert



447 Sculpted Diffuser
+ Mars Red Insert

■ Luminescent Halo Options



448 Flush Halo Neptune Blue



450 Flush Halo Acid Green



451 Flush Halo Mars Red



452 Floating Halo Neptune Blue



454 Floating Halo Acid Green



455 Floating Halo Mars Red



457 Cylo Neptune



459 Cylo Acid Green



460 Cylo Mars Red



442 Cylo Etched Ice

■ Reflector Option



246 Anti Glare Louvre (UGR 19)

▲ 371

8-22W only

■ Emergency Sign Options



527 Emergency - Left/Right



528 Emergency - Down



529 Emergency - Door



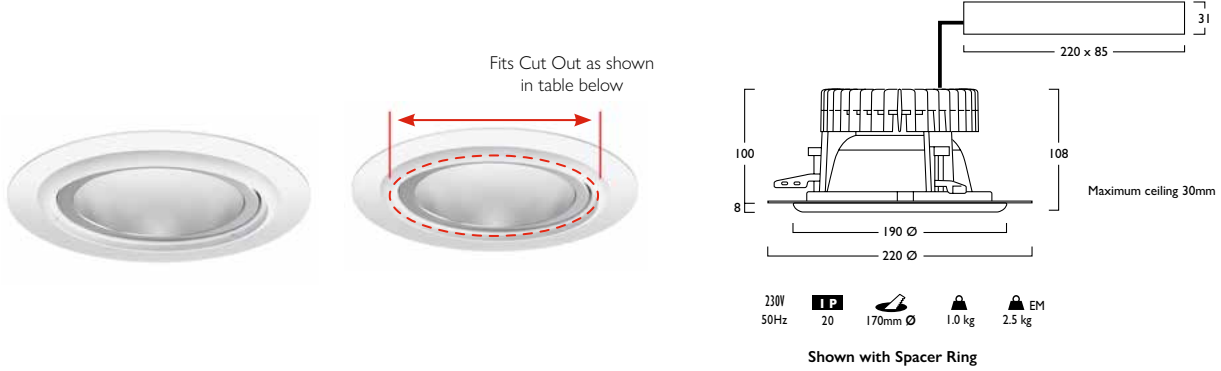
530 Emergency - Forward

Tel: (0191) 280 9911 Email: technical@hacel.co.uk Web: www.hacel.co.uk

* 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.

* UGR<19 compliant based on spacing @ 1.0 based on BS EN12464 part 1 2024, Clause 5.5.3.2

■ Adapter Ring Options



Option Code	Adapter Ring Ø	Fits cut out up to	To fit existing fitting
588	294mm	275mm	Maximus
589	240mm	220mm	Solara Slim
590	220mm	200mm	General

Photometrics

