



3	Warm White LED (3000K)	CRI 80	8W	11W	14W	19W	28W
	Delivered Lumens	1113 lm	1562 lm	2003 lm	2651 lm	3905 lm	
	LOR	1.0	1.0	1.0	1.0	1.0	
	CRI	80	80	80	80	80	
	Total Power	8.4W	11.8W	15.3W	20.6W	31.5W	
	Power Factor	0.90	0.94	0.95	0.97	0.97	
	Running Current	0.04A	0.05A	0.07A	0.09A	0.14A	
	Inrush Current (Std)	3.0A (60us)	3.5A (35us)	18.0A (210us)	18.0A (210us)	30.0A (200us)	
	Inrush Current (Dim)	10.0A (80us)	10.0A (50us)	10.0A (50us)	10.0A (50us)	10.0A (50us)	
	Efficacy	132 lm/W	132 lm/W	130 lm/W	129 lm/W	124 lm/W	
	Emergency Output	383 lm	383 lm	383 lm	383 lm	360 lm	
	Energy Efficiency Class of Light Source	C	C	C	C	C	
4	Neutral White LED (4000K)	CRI 80	8W	11W	14W	19W	28W
	Delivered Lumens	1173 lm	1643 lm	2103 lm	2779 lm	4084 lm	
	LOR	1.0	1.0	1.0	1.0	1.0	
	CRI	80	80	80	80	80	
	Total Power	8.4W	11.8W	15.3W	20.6W	31.5W	
	Power Factor	0.90	0.94	0.95	0.97	0.97	
	Running Current	0.04A	0.05A	0.07A	0.09A	0.14A	
	Inrush Current (Std)	3.0A (60us)	3.5A (35us)	18.0A (210us)	18.0A (210us)	30.0A (200us)	
	Inrush Current (Dim)	10.0A (80us)	10.0A (50us)	10.0A (50us)	10.0A (50us)	10.0A (50us)	
	Efficacy	139 lm/W	139 lm/W	137 lm/W	135 lm/W	130 lm/W	
	Emergency Output	406 lm	406 lm	406 lm	405 lm	382 lm	
	Energy Efficiency Class of Light Source	C	C	C	C	C	

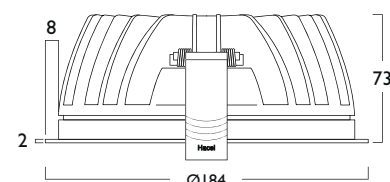
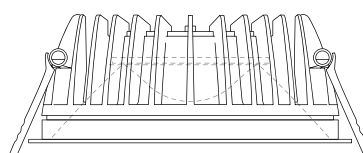
Solenz® 180

LED	☀	☀	☀	☀	☀	☀	☀	☀	☀
8W	LED	ID1371	LED	08	+	798			
11W	LED	ID1371	LED	11	+	798			
14W	LED	ID1371	LED	14	+	798			
19W	LED	ID1371	LED	19	+	798			
28W	LED	ID1371	LED	28	+	798			

Add the required Lens/Cowl to code from list shown on page 2
(Lens/Cowl - Options)

- Let our lens technology do all of the work. Cowl colour has no effect on beam angle or outputs.
- Efficacies up to 139 lm/W
- Available in a choice of lumen outputs, delivering up to 4084 lumens
- Life expectancy in excess of 60,000 hours (L90 B10)
- Colour stability within 3 MacAdams
- Range of options for customisation available
- All wattages UGR<19 compliant with 77° lens*
- Wireless Lighting Control available
- CRI90 options available - ID1372
- IP44 rated as standard with optional IP65 gasket

- 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



230V 50Hz 44 1.1 kg 1.5 kg 77° 90°

- 1 White (RAL 9010) 2 Urban Graphite (RAL 7046) 3 Black (RAL 9005)

Lens / Cowl Options - Examples Shown on page 2

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* 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

Hacel
Fluent in Lighting



Solenz[®] 180 Options

Options

■ Lens / Cowl & Accessory Options



Lens / Cowl

- 665** 77° Lens with White Cowl
- 666** 77° Lens with Black Cowl
- 667** 90° Lens with White Cowl
- 668** 90° Lens with Black Cowl



CN 80

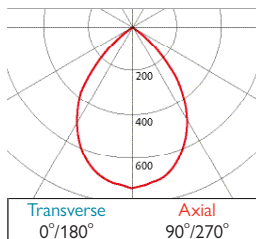
- 798**
- 798**
- 799**
- 799**

■ **680** Cylo Etched Ice

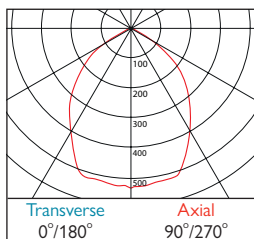
■ **683** IP65 Gasket

All wattages UGR<19 compliant with 77° lens*

Photometrics



798 DLOR: 1.0



799 DLOR: 1.0