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)	14.5A (114us)	18.0A (210us)	18.0A (210us)	30.0A (200us)
	Inrush Current (Dim)		10.0A (80us)	10.0A (80us)	10.0A (80us)	10.0A (50us)	10.0A (50us)
	Efficacy		132 lm/W	132 lm/W	130 lm/W	128 lm/W	123 lm/W
	Emergency Output		383 lm (34%)	383 lm (24%)	383 lm (19%)	383 lm (14%)	360 lm (9%)
	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)	14.5A (114us)	18.0A (210us)	18.0A (210us)	30.0A (200us)
	Inrush Current (Dim)		10.0A (80us)	10.0A (80us)	10.0A (80us)	10.0A (50us)	10.0A (50us)
	Efficacy		139 lm/W	139 lm/W	137 lm/W	134 lm/W	129 lm/W
	Emergency Output		406 lm (34%)	406 lm (24%)	406 lm (19%)	405 lm (14%)	382 lm (9%)
	Energy Efficiency Class of Light Source		C	C	C	C	C

Solenz® 180 Surface Downlight

LED					K			
8W	LED	SD1371	_	LED	_	08	_	+	799
11W	LED	SD1371	_	LED	_	11	_	+	799
14W	LED	SD1371	_	LED	_	14	_	+	799
19W	LED	SD1371	_	LED	_	19	_	+	799
28W	LED	SD1371	_	LED	_	28	_	+	799

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
- Fully die-cast housing for superior quality and durability
- Range of options for customisation available
- All wattages UGR<19 compliant
- Wireless Lighting Control available
- CRI90 options available - SD1372
- Complementary Pendant version 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)

Lens / Cowl Options - *Examples Shown on page 2*

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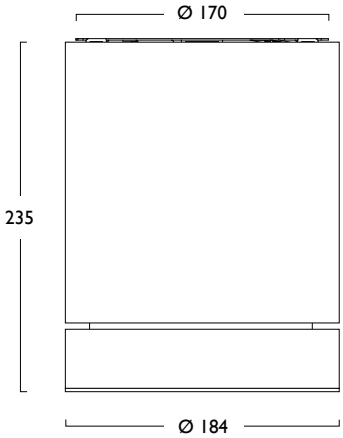
** All values provided in this document are subject to International standards and electronic components from leading suppliers which are subject to +/- 10% tolerance and apply at an ambient temperature of 25°C. Hacel Lighting look to constantly improve it's product and reserve the right to change specifications 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 Surface Downlight Options

Lens / Cowl & Accessory Options

Lens / Cowl	CRI 80
667 85° Lens with White Cowl	*799*
668 85° Lens with Black Cowl	*799*
676 85° Lens with Urban Graphite Cowl	*799*

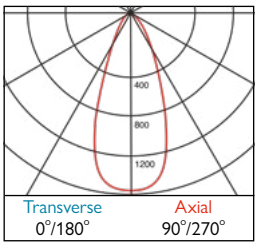
Lens / Cowl	CRI 80
715 40° Lens with White Cowl	*798*
716 40° Lens with Black Cowl	*798*
717 40° Lens with Urban Graphite Cowl	*798*

All wattages UGR<19 compliant

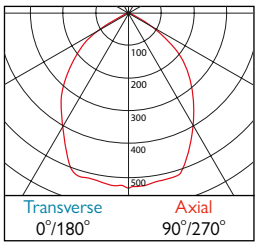
Cowl will match body colour unless otherwise specified.

680 Cylo Etched Ice

Photometrics



798 DLOR: 1.0



799 DLOR: 1.0

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