



	CRI 80	8W	12W	17W	22W	33W
3 Warm White LED (3000K)						
Lumen Output		1085 lm	1540 lm	2100 lm	2980 lm	5063 lm
LOR		0.97	0.97	0.97	0.97	0.80
CRI		80	80	80	80	80
Total Power		9.1W	13.1W	18.2W	25.3W	36.4W
Power Factor		0.90	0.95	0.93	0.96	0.95
Running Current		0.04A	0.06A	0.09A	0.11A	0.17A
Inrush Current		8.0A (80us)	15.0A (204us)	8.0A (80us)	16.0A (229us)	24.7A (268us)
Efficacy		115 lm/W	114 lm/W	111 lm/W	114 lm/W	111 lm/W
Emergency Output (BLF)		358 lm (33%)	354 lm (23%)	336 lm (16%)	327 lm (11%)	405 lm (8%)
4 Neutral White LED (4000K)						
Lumen Output		1150 lm	1630 lm	2229 lm	3150 lm	5279 lm
LOR		0.97	0.97	0.97	0.97	0.80
CRI		80	80	80	80	80
Total Power		9.1W	13.1W	18.2W	25.3W	36.4W
Power Factor		0.90	0.95	0.93	0.96	0.95
Running Current		0.04A	0.06A	0.09A	0.11A	0.17A
Inrush Current		8.0A (80us)	15.0A (204us)	8.0A (80us)	16.0A (229us)	24.7A (268us)
Efficacy		122 lm/W	120 lm/W	118 lm/W	120 lm/W	116 lm/W
Emergency Output (BLF)		379 lm (33%)	374 lm (23%)	356 lm (16%)	346 lm (11%)	422 lm (8%)

Soledo®



LED

8W	LED	ID244	LED	08	+	370
12W	LED	ID244	LED	12	+	370
17W	LED	ID244	LED	17	+	370
22W	LED	ID244	LED	22	+	370
33W	LED	ID244	LED	33	+	435

- Efficacies up to 122 lm/W
- Available in a choice of lumen outputs, delivering up to 5279 lumens
- UGR <22 (<19 with anti-glare louvre option)
- Life expectancy (up to 22W) in excess of 50,000 hours (L80 B10)
- Life expectancy (33W) in excess of 60,000 hours (L70 B10)
- Colour stability within 3 MacAdams
- Positive clamp fixings for ease of installation
- Wide range of options for customisation

Gear types F & G must be operated through a DSI

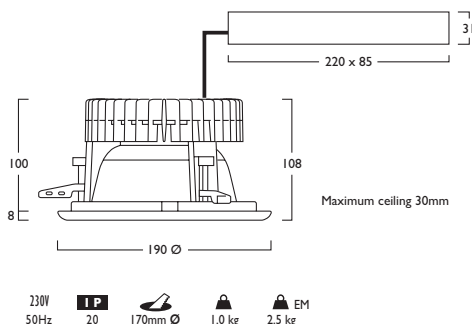
- A** Integral Driver
- E** Emergency
- F** Digital Dim
- G** Digital Dim + Emergency
- J** Switch Dim
- K** Switch Dim + Emergency
- S** DALI Dim
- T** DALI Dim + Emergency
- C** DALI Dim + DALI Emergency

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 Options Shown

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



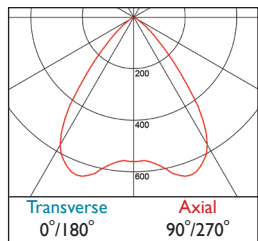
230V 50Hz IP20 170mm Ø 1.0 kg 2.5 kg EM

Hacel®
Fluent in Lighting

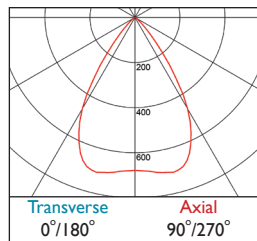


Soledo®

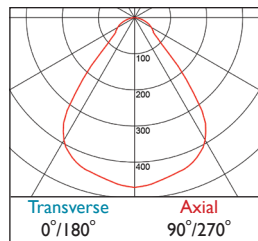
Photometrics



370 DLOR: 0.97



371 DLOR: 0.80



435 DLOR: 0.80

Soledo® Options

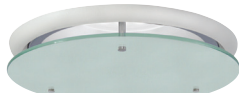
■ Glass Options



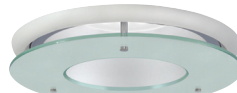
432 Flush Clear (IP44)
434 Flush Clear + Gasket (IP65)



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



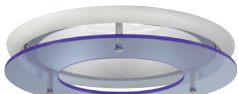
448 Flush Halo Neptune Blue



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, 12 & 17W only

■ Emergency Sign Options



527 Emergency - Left/Right



528 Emergency - Down



529 Emergency - Door



530 Emergency - Forward