



	CRI 80			CRI 90		
	20W	35W	56W	20W	35W	56W
<b>3 Warm White LED (3000K)</b>						
Lumen Output	3534 lm	6283 lm	9377 lm	2836 lm	5102 lm	7723 lm
LOR	0.99	0.99	0.99	0.99	0.99	0.99
CRI	80	80	80	90	90	90
Total Power	20.6W	39W	62.3W	20.6W	39W	62.3W
Power Factor	0.97	0.95	0.95	0.97	0.95	0.95
Running Current	0.09A	0.18A	0.29A	0.09A	0.19A	0.29A
Inrush Current (Std)	18.0A (210us)	24.7A (268us)	50.6A (210us)	18.0A (210us)	24.7A (268us)	50.6A (210us)
Inrush Current (Dim)	3.31A (43us)	28A (165us)	50A (209us)	3.31A (43us)	28A (165us)	50A (209us)
Efficacy	169 lm/W	159 lm/W	149 lm/W	136 lm/W	129 lm/W	123 lm/W
Emergency Output (BLF)	382 (11%)	382 (6%)	370 (4%)	317 (11%)	317 (6%)	370 (4%)
<b>4 Neutral White LED (4000K)</b>						
Lumen Output	3705 lm	6564 lm	9772 lm	3124 lm	5539 lm	8261 lm
LOR	0.99	0.99	0.99	0.99	0.99	0.99
CRI	80	80	80	90	90	90
Total Power	20.6W	39W	62.3W	20.6W	39W	62.3W
Power Factor	0.97	0.95	0.95	0.97	0.95	0.95
Running Current	0.09A	0.18A	0.29A	0.09A	0.19A	0.29A
Inrush Current (Std)	18.0A (210us)	24.7A (268us)	50.6A (210us)	18.0A (210us)	24.7A (268us)	50.6A (210us)
Inrush Current (Dim)	3.31A (43us)	28A (165us)	50A (209us)	3.31A (43us)	28A (165us)	50A (209us)
Efficacy	178 lm/W	166 lm/W	155 lm/W	152 lm/W	140 lm/W	131 lm/W
Emergency Output (BLF)	405 (11%)	405 (6%)	393 (4%)	347 (11%)	347 (6%)	336 (4%)

## Aspen® Ice



### LED CRI 80

Power	LED	PN	LED	20	35	56	+	475
20W	LED	PN1097	LED	20	35	56	+	475
35W	LED	PN1097	LED	20	35	56	+	475
56W	LED	PN1097	LED	20	35	56	+	475

### LED CRI 90

Power	LED	PN	LED	20	35	56	+	476
20W	LED	PN1098	LED	20	35	56	+	476
35W	LED	PN1098	LED	20	35	56	+	476
56W	LED	PN1098	LED	20	35	56	+	476

- Lumen outputs from 2836 to 9772 lumens
- Efficacies of up to 178 lm/W
- Single Point Zhaga Book 3 LED
- Colour stability within 3 MacAdams
- Life expectancy in excess of 57,000 hours (L90 B10)
- 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

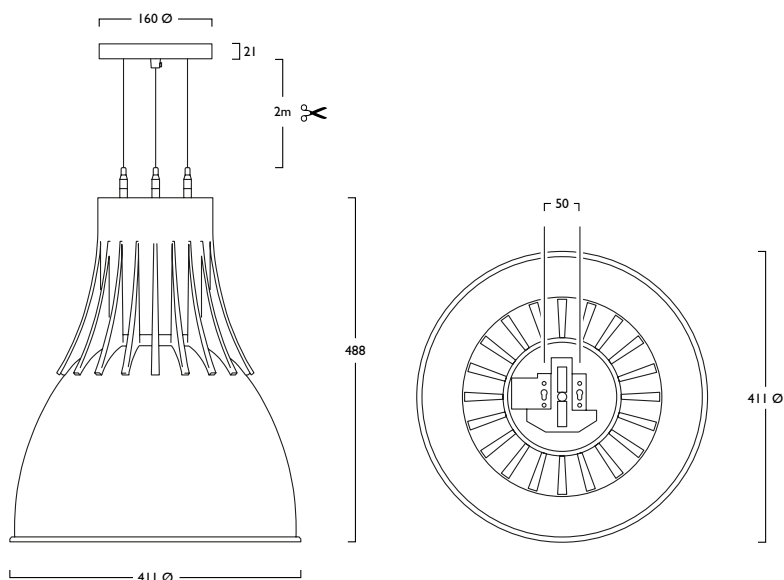
- 3** Warm (3000K)    **4** Neutral (4000K)
- 1** White (RAL 9010)    **2** Urban Graphite (RAL 7046)    **3** Black (RAL 9005)
- 340** 3x 5m Suspensions (wires only)

Tel: (0191) 280 9911    Email: [technical@hacel.co.uk](mailto:technical@hacel.co.uk)    Web: [www.hacel.co.uk](http://www.hacel.co.uk)    V5 - 05/2026

\* 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.



## Aspen® Ice



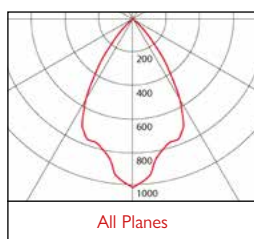
230W  
50Hz

**IP**  
20

⊕ ⊕  
50mm

⚠  
7.7 kg

### Photometrics



475-476 DLOR: 0.99

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**Hacer**<sup>®</sup>  
Fluent in Lighting