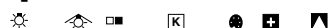




	CRI 80			CRI 90		
	20W	35W	56W	20W	35W	56W
<b>3 Warm White LED (3000K)</b>						
Lumen Output	3534 lm	6283 lm	9377 lm	2836 lm	5102 lm	7723 lm
LOR	0.73	0.73	0.73	0.73	0.73	0.73
CRI	80	80	80	90	90	90
Total Power	20.6W	39W	62.3W	20.6W	39W	62.3W
Power Factor	0.97	0.95	0.95	0.97	0.95	0.95
Running Current	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	125 lm/W	117 lm/W	109 lm/W	100 lm/W	95 lm/W	90 lm/W
Emergency Output (BLF)	382 (11%)	382 (6%)	370 (4%)	317 (11%)	317 (6%)	307 (4%)
<b>4 Neutral White LED (4000K)</b>						
Lumen Output	3705 lm	6564 lm	9772 lm	3124 lm	5539 lm	8261 lm
LOR	0.73	0.73	0.73	0.73	0.73	0.73
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	131 lm/W	122 lm/W	114 lm/W	110 lm/W	103 lm/W	96 lm/W
Emergency Output (BLF)	405 (11%)	405 (6%)	393 (4%)	347 (11%)	347 (6%)	336 (4%)

## Aspen®



### LED CRI 80

Power	LED	PN	LED	20	35	56	+	471
20W	LED	PN1093	LED	20	35	56	+	471
35W	LED	PN1093	LED	20	35	56	+	471
56W	LED	PN1093	LED	20	35	56	+	471

### LED CRI 90

Power	LED	PN	LED	20	35	56	+	472
20W	LED	PN1094	LED	20	35	56	+	472
35W	LED	PN1094	LED	20	35	56	+	472
56W	LED	PN1094	LED	20	35	56	+	472

- Lumen outputs from 2836 to 9772 lumens
- Efficacies of up to 131 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)

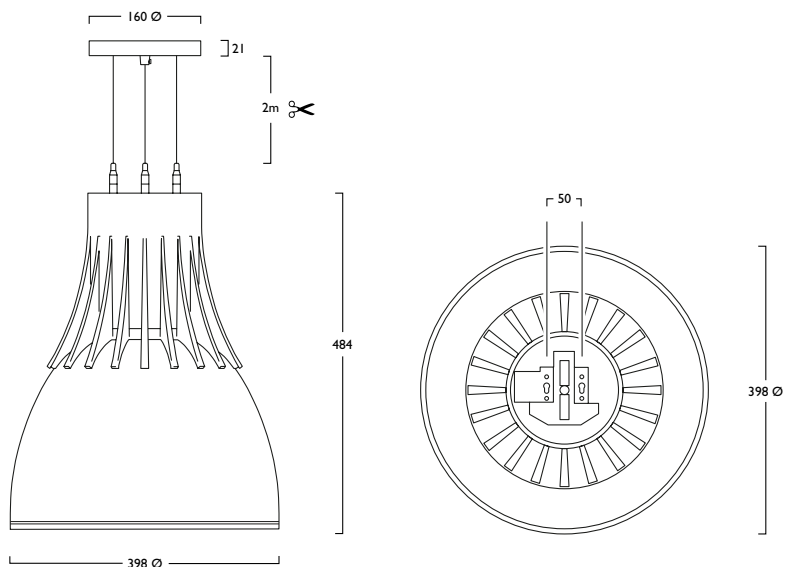
340 3x 5m Suspensions (wires only)

Tel: (0191) 280 9911 Email: [technical@hacel.co.uk](mailto:technical@hacel.co.uk) Web: [www.hacel.co.uk](http://www.hacel.co.uk) V6 - 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®



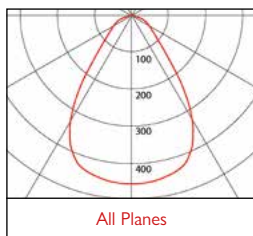
230V  
50Hz

IP  
20

Φ Φ  
50mm

⚠  
7.7 kg

### Photometrics



471-472 DLOR: 0.73

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

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