



3 Warm White LED (3000K)	CRI 80			CRI 90		
	20W	38W	62W	20W	38W	62W
Lumen Output	3332 lm	5769 lm	8043 lm	2822 lm	4886 lm	6812 lm
LOR	0.99	0.99	0.99	0.99	0.99	0.99
CRI	80	80	80	90	90	90
Total Power	22.3W	42.8W	67.1W	22.3W	42.8W	67.1W
Power Factor	0.95	0.95	0.95	0.95	0.95	0.95
Running Current	0.10A	0.20A	0.31A	0.10A	0.20A	0.31A
Inrush Current	20.0A (200us)	24.7A (268us)	50.6A (210us)	20.0A (200us)	24.7A (268us)	50.6A (210us)
Efficacy	147 lm/W	133 lm/W	118 lm/W	125 lm/W	113 lm/W	100 lm/W
Emergency Output (BLF)	433 (13%)	403 (7%)	321 (4%)	366 (13%)	342 (7%)	272 (4%)

4 Neutral White LED (4000K)	CRI 80			CRI 90		
	20W	38W	62W	20W	38W	62W
Lumen Output	3474 lm	6015 lm	8386 lm	3026 lm	5240 lm	7305 lm
LOR	0.99	0.99	0.99	0.99	0.99	0.99
CRI	80	80	80	90	90	90
Total Power	22.3W	42.8W	67.1W	22.3W	42.8W	67.1W
Power Factor	0.95	0.95	0.95	0.95	0.95	0.95
Running Current	0.10A	0.20A	0.31A	0.10A	0.20A	0.31A
Inrush Current	20.0A (200us)	24.7A (268us)	50.6A (210us)	20.0A (200us)	24.7A (268us)	50.6A (210us)
Efficacy	154 lm/W	139 lm/W	123 lm/W	134 lm/W	121 lm/W	107 lm/W
Emergency Output (BLF)	451 (13%)	421 (7%)	335 (4%)	393 (13%)	366 (7%)	292 (4%)

Aspen[®] Ice Pendant



LED CRI 80

20W	LED	PN1097	LED	20	+	475
38W	LED	PN1097	LED	38	+	475
62W	LED	PN1097	LED	62	+	475

LED CRI 90

20W	LED	PN1098	LED	20	+	476
38W	LED	PN1098	LED	38	+	476
62W	LED	PN1098	LED	62	+	476

- Available in a choice of lumen outputs, delivering up to 8386 lumens
- Efficacies of up to 154 lm/W
- Single Point Zhaga Book 3 LED
- Colour stability within 3 MacAdams
- Life expectancy in excess of 53,000 hours (L70 B10)

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)

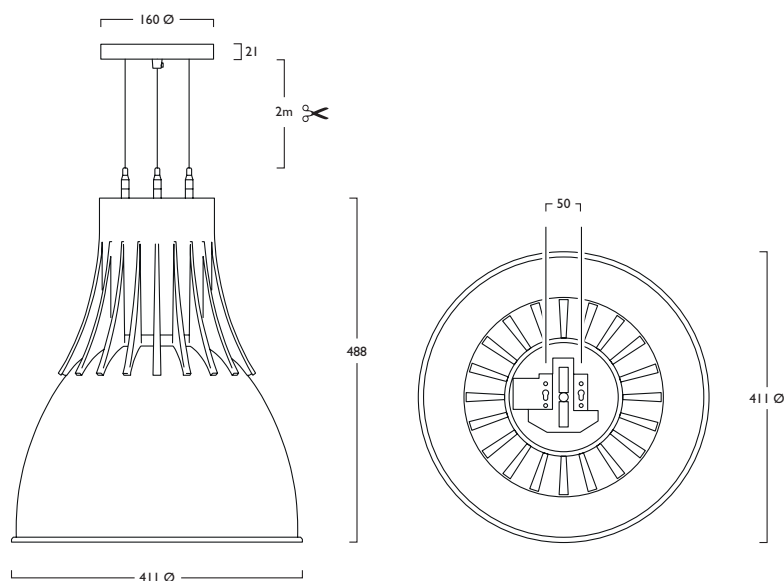
1 White (RAL 9010) 2 Urban Graphite (RAL 7046) 3 Black (RAL 9005)

340 3x 5m Suspensions (wires only)

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



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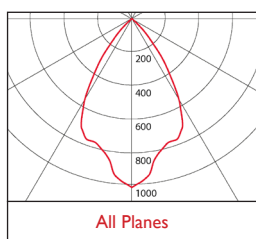
230V
50Hz

IP
20

⊕ ⊕
50mm

⚠
7.7 kg

Photometrics



475-476 DLOR: 0.99