



3 Warm White LED (3000K)	CRI 80	5W	7W	12W	17W	CRI 90	5W	7W	12W	17W
Lumen Output		822 lm	1320 lm	2029 lm	2856 lm		679 lm	1118 lm	1719 lm	2419 lm
LOR		0.90	0.90	0.90	0.90		0.90	0.90	0.90	0.90
CRI		80	80	80	80		90	90	90	90
Total Power		5.8W	8.6W	13.1W	18.2W		5.8W	8.6W	13.1W	18.2W
Power Factor		0.92	0.92	0.90	0.90		0.92	0.92	0.90	0.90
Running Current		0.03A	0.04A	0.06A	0.09A		0.03A	0.04A	0.06A	0.09A
Inrush Current (Std)		17.0A (231us)	17.0A (231us)	8.0A (80us)	8.0A (80us)		17.0A (231us)	17.0A (231us)	8.0A (80us)	8.0A (80us)
Inrush Current (Dim)		15.0A (243us)	15.0A (243us)	18.0A (140us)	25.0A (141us)		15.0A (243us)	15.0A (243us)	18.0A (140us)	25.0A (141us)
Efficacy		127 lm/W	138 lm/W	139 lm/W	141 lm/W		105 lm/W	117 lm/W	118 lm/W	119 lm/W
Emergency Output (BLF)		419 lm (51%)	448 lm (34%)	446 lm (22%)	456 lm (16%)		346 lm (51%)	380 lm (34%)	378 lm (22%)	387 lm (16%)

4 Neutral White LED (4000K)	CRI 80	5W	7W	12W	17W	CRI 90	5W	7W	12W	17W
Lumen Output		869 lm	1376 lm	2116 lm	2978 lm		726 lm	1175 lm	1806 lm	2542 lm
LOR		0.90	0.90	0.90	0.90		0.90	0.90	0.90	0.90
CRI		80	80	80	80		90	90	90	90
Total Power		5.8W	8.6W	13.1W	18.2W		5.8W	8.6W	13.1W	18.2W
Power Factor		0.92	0.92	0.90	0.90		0.92	0.92	0.90	0.90
Running Current		0.03A	0.04A	0.06A	0.09A		0.03A	0.04A	0.06A	0.09A
Inrush Current (Std)		17.0A (231us)	17.0A (231us)	8.0A (80us)	8.0A (80us)		17.0A (231us)	17.0A (231us)	8.0A (80us)	8.0A (80us)
Inrush Current (Dim)		15.0A (243us)	15.0A (243us)	18.0A (140us)	25.0A (141us)		15.0A (243us)	15.0A (243us)	18.0A (140us)	25.0A (141us)
Efficacy		134 lm/W	144 lm/W	145 lm/W	147 lm/W		112 lm/W	122 lm/W	124 lm/W	125 lm/W
Emergency Output (BLF)		443 lm (51%)	467 lm (34%)	465 lm (22%)	476 lm (16%)		370 lm (51%)	399 lm (34%)	397 lm (22%)	406 lm (16%)

Midi



LED CRI 80

5W	LED	ID285	LED	05	+	374
7W	LED	ID285	LED	07	+	374
12W	LED	ID285	LED	12	+	374
17W	LED	ID285	LED	17	+	374

LED CRI 90

5W	LED	ID289	LED	05	+	385
7W	LED	ID289	LED	07	+	385
12W	LED	ID289	LED	12	+	385
17W	LED	ID289	LED	17	+	385

- Single point Zhaga Book 3 LED (7W, 12W, 17W)
- Available in a choice of lumen outputs, delivering up to 2978 lumens
- Efficacies up to 147 lm/W
- Precision die cast and injection moulded construction
- Superior lighting class LED Modules and Converters
- Life expectancy in excess of 50,000 hours (L90 B10)
- Colour stability within 3 MacAdams
- Choice of options for customisation

Gear types F & G must be operated through a DSI

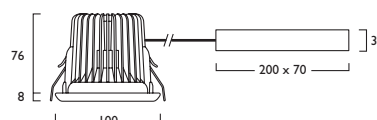
- A** Integral Driver
- E** Emergency
- F** Digital Dim
- G** Digital Dim + Emergency
- J** Switch Dim
- K** Switch Dim + Emergency
- S** DALI Dim
- T** DALI Dim + Emergency
- C** DALI Dim + DALI Emergency

3 Warm (3000K) 4 Neutral (4000K)

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

Reflector	CRI 80	CRI 90
505 Narrow Beam	375	386
506 Wide Beam	376	387

Polycarbonate, Luminescent Halo Options Shown



230V
50Hz

IP
20

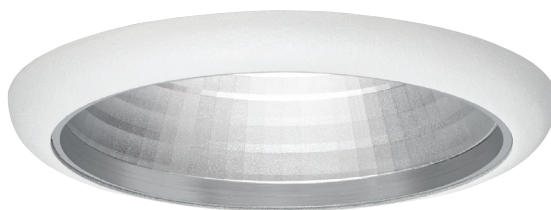
90mm Ø

0.5 kg

EM
1.4 kg

Narrow 28° Medium 38° Wide 56°

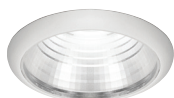
Hacer
Fluent in Lighting



Midi

Options

■ Polycarbonate Options



507 Flush Clear
509 Flush Clear + Gasket (IP65)

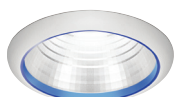


508 Flush Opal
510 Flush Opal + Gasket (IP65)

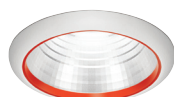


515 Cylo Etched Ice

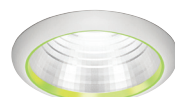
■ Luminescent Halo Options



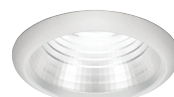
511 Neptune Blue



512 Mars Red

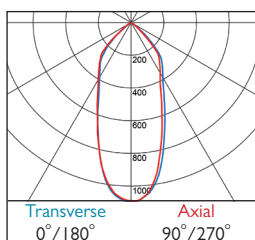


513 Acid Green

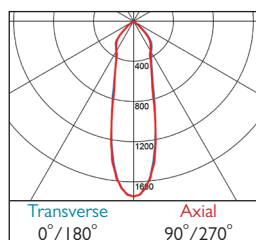


514 Etched Ice

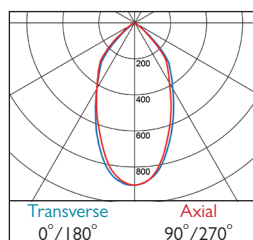
Photometrics



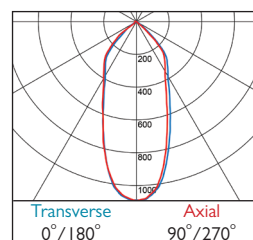
374 DLOR: 0.90



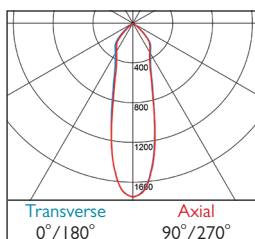
375 DLOR: 0.91



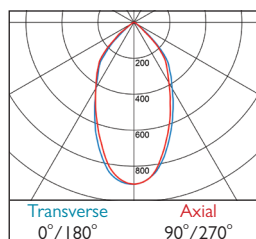
376 DLOR: 0.90



385 DLOR: 0.90



386 DLOR: 0.91



387 DLOR: 0.90