



3	Warm White LED (3000K)	CRI 80			CRI 90		
		12W	17W	24W	12W	17W	24W
	Lumen Output	2029 lm	2856 lm	4042 lm	1719 lm	2419 lm	3424 lm
	LOR	0.81	0.81	0.81	0.81	0.81	0.81
	CRI	80	80	80	90	90	90
	Total Power	13.1W	18.2W	25.3W	13.1W	18.2W	25.3W
	Power Factor	0.90	0.90	0.95	0.90	0.90	0.95
	Running Current	0.06A	0.09A	0.12A	0.06A	0.09A	0.12A
	Inrush Current (Std)	8.0A (80us)	8.0A (80us)	8.0A (40us)	8.0A (80us)	8.0A (80us)	8.0A (40us)
	Inrush Current (Dim)	18.0A (140us)	25.0A (141us)	28.0A (195us)	18.0A (140us)	25.0A (141us)	28.0A (195us)
	Efficacy	125 lm/W	127 lm/W	129 lm/W	106 lm/W	107 lm/W	109 lm/W
	Emergency Output (BLF)	446 lm (22%)	456 lm (16%)	444 lm (11%)	378 lm (22%)	387 lm (16%)	376 lm (11%)

4	Neutral White LED (4000K)	CRI 80			CRI 90		
		12W	17W	24W	12W	17W	24W
	Lumen Output	2116 lm	2978 lm	4215 lm	1806 lm	2542 lm	3597 lm
	LOR	0.81	0.81	0.81	0.81	0.81	0.81
	CRI	80	80	80	90	90	90
	Total Power	13.1W	18.2W	25.3W	13.1W	18.2W	25.3W
	Power Factor	0.90	0.90	0.95	0.90	0.90	0.95
	Running Current	0.06A	0.09A	0.12A	0.06A	0.09A	0.12A
	Inrush Current (Std)	8.0A (80us)	8.0A (80us)	8.0A (40us)	8.0A (80us)	8.0A (80us)	8.0A (40us)
	Inrush Current (Dim)	18.0A (140us)	25.0A (141us)	28.0A (195us)	18.0A (140us)	25.0A (141us)	28.0A (195us)
	Efficacy	130 lm/W	132 lm/W	134 lm/W	111 lm/W	113 lm/W	115 lm/W
	Emergency Output (BLF)	465 lm (22%)	476 lm (16%)	463 lm (11%)	397 lm (22%)	406 lm (16%)	395 lm (11%)

## Microbezel® Plus



### LED CRI 80

Power	LED	ID	LED	Beam	Reflector	Options	Price
12W	LED	ID1292	LED	12	+	575	
17W	LED	ID1292	LED	17	+	575	
24W	LED	ID1292	LED	24	+	575	

### LED CRI 90

Power	LED	ID	LED	Beam	Reflector	Options	Price
12W	LED	ID1293	LED	12	+	578	
17W	LED	ID1293	LED	17	+	578	
24W	LED	ID1293	LED	24	+	578	

- 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)

Reflector	CRI 80	CRI 90
384 Narrow Beam	576	579
385 Wide Beam	577	580

Polycarbonate Options - Examples Shown on page 2

- Discreet bezel for minimalistic aesthetic appearance
- Precision die-cast construction
- Single point Zhaga Book 3 LED
- Medium beam reflector as standard
- Choice of Diffuser options for customisation
- Choice of outputs up to 4215 lumens
- Efficacies up to 134 lm/W
- Life expectancy of 50,000 hours (L90 B10)
- Colour stability within 3 MacAdams
- Wireless Lighting Control available
- Digital Dim and Digital Dim + Emergency options available

\* 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. Hacer Lighting look to constantly improve it's product and reserve the right to change specifications without prior notification.



## Microbezel® Plus

### Options

#### ■ Polycarbonate Options



569 Flush Clear

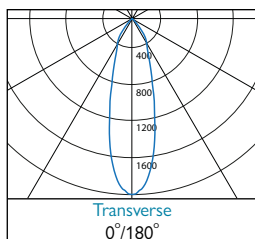


571 Flush Opal

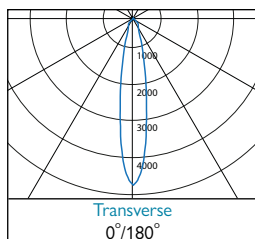


573 Cylo Etched Ice

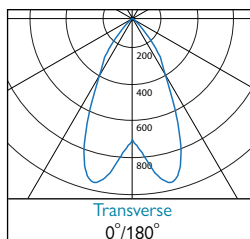
### Photometrics



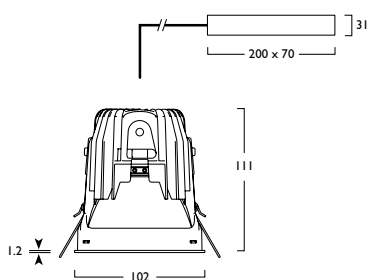
575 / 578 DLOR: 0.81



576 / 579 DLOR: 0.81



577 / 580 DLOR: 0.81



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