



Figures shown below are based on Gear Type - A Internal Driver

3	Warm White LED (3000K)	CRI 80				CRI 90			
		5W	7W	12W	17W	5W	7W	12W	17W
	Lumen Output	880 lm	1320 lm	2029 lm	2856 lm	745 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	5.6W	8.6W	13.1W	18.2W	5.6W	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	141 lm/W	138 lm/W	139 lm/W	141 lm/W	119 lm/W	117 lm/W	118 lm/W	119 lm/W
	Emergency Output (BLF)	466 lm (53%)	448 lm (34%)	446 lm (22%)	456 lm (16%)	394 lm (53%)	380 lm (34%)	378 lm (22%)	387 lm (16%)

4	Neutral White LED (4000K)	CRI 80				CRI 90			
		5W	7W	12W	17W	5W	7W	12W	17W
	Lumen Output	917 lm	1376 lm	2116 lm	2978 lm	783 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	5.6W	8.6W	13.1W	18.2W	5.6W	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	147 lm/W	144 lm/W	145 lm/W	147 lm/W	125 lm/W	122 lm/W	124 lm/W	125 lm/W
	Emergency Output (BLF)	486 lm (53%)	467 lm (34%)	465 lm (22%)	476 lm (16%)	414 lm (53%)	399 lm (34%)	397 lm (22%)	406 lm (16%)

## Microbezel®

LED CRI 80						LED CRI 90					
5W	LED	ID1294	LED	05	+	5W	LED	ID1295	LED	05	+
7W	LED	ID1294	LED	07	+	7W	LED	ID1295	LED	07	+
12W	LED	ID1294	LED	12	+	12W	LED	ID1295	LED	12	+
17W	LED	ID1294	LED	17	+	17W	LED	ID1295	LED	17	+

■ Add the required Reflector to code from list shown on page 2 (Reflector - Options)

- Discreet bezel for minimalistic aesthetic appearance
- Precision die-cast construction
- Range of Reflector options available, Chrome, Matt, Dark & Gold
- Single point Zhaga Book 3 LED
- Choice of Diffuser options for customisation
- Choice of outputs up to 2978 lumens
- Efficacies up to 147 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

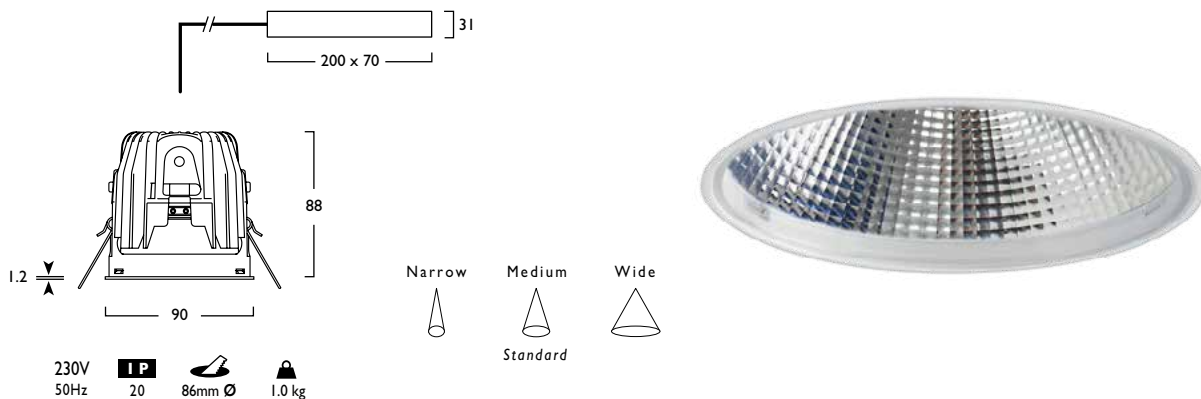
- A** Integral Driver/Remote
- E** Emergency
- J** Switch Dim
- K** Switch Dim + Emergency
- S** DALI Dim
- T** DALI Dim + Emergency
- C** DALI Dim + DALI Emergency
- L** DALI Bluetooth
- M** DALI Bluetooth + Emergency

- 3** Warm (3000K)    **4** Neutral (4000K)
- 1** White (RAL 9010)    **2** Urban Graphite (RAL 7046)    **3** Black (RAL 9005)

■ Reflector/ Polycarbonate Options - Examples Shown on page 2

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\* 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.



## Microbezel®

### Options

#### ■ Reflector / Polycarbonate Options



**574** Chrome - Narrow Beam  
**045** Chrome - Medium Beam (STD)  
**575** Chrome - Wide Beam



**620** Matt - Wide Beam



**621** Dark Light - Narrow Beam  
**622** Dark Light - Medium Beam (STD)  
**623** Dark Light - Wide Beam



**624** Gold - Narrow Beam  
**625** Gold - Medium Beam (STD)  
**626** Gold - Wide Beam

Reflector		Beam Angle	CRI 80		CRI 90		Beam Angle	CRI 80		CRI 90	
			Part No.	Part No.	Part No.	Part No.		Part No.	Part No.		
<b>574</b>	Chrome -	Narrow Beam	20°	590	593	<b>624</b>	Gold -	Narrow Beam	26°	715	718
<b>045</b>	Chrome -	Medium Beam	38°	589	592	<b>625</b>	Gold -	Medium Beam	52°	716	719
<b>575</b>	Chrome -	Wide Beam	56°	591	594	<b>626</b>	Gold -	Wide Beam	74°	717	720
<b>620</b>	Matt -	Wide Beam	72°	705	708						
<b>621</b>	Dark Light -	Narrow Beam	26°	709	712						
<b>622</b>	Dark Light -	Medium Beam	62°	710	713						
<b>623</b>	Dark Light -	Wide Beam	84°	711	714						



**507** Flush Clear (IP44)

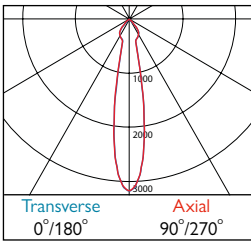


**508** Flush Opal (IP44)

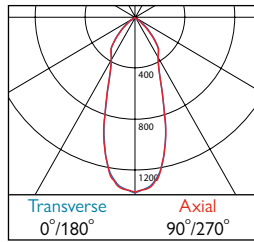


**563** Cylo Etched Ice

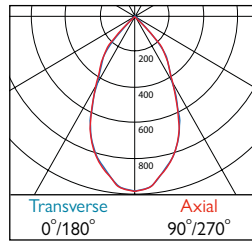
## Photometrics



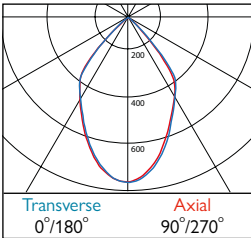
**590 / 593** DLOR: 0.91  
Chrome Reflector - Narrow Beam



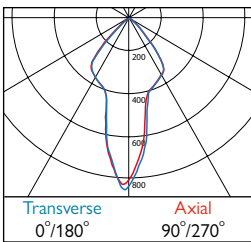
**589 / 592** DLOR: 0.91  
Chrome Reflector - Medium Beam



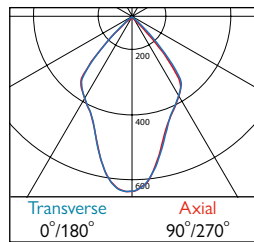
**591 / 594** DLOR: 0.91  
Chrome Reflector - Wide Beam



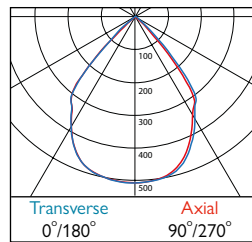
**705 / 708** DLOR: 0.83  
Semi Matt Reflector - Narrow Beam



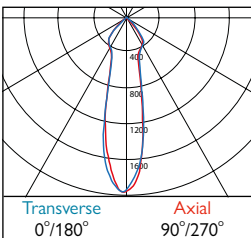
**709 / 712** DLOR: 0.65  
Dark Light Reflector - Narrow Beam



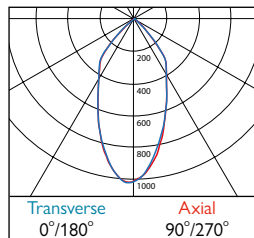
**710 / 713** DLOR: 0.68  
Dark Light Reflector - Medium Beam



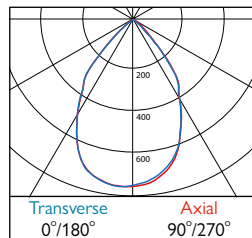
**711/714** DLOR: 0.67  
Dark Light Reflector - Wide Beam



**715 / 718** DLOR: 0.85  
Gold Reflector - Narrow Beam



**716 / 719** DLOR: 0.84  
Gold Reflector - Medium Beam



**717 / 720** DLOR: 0.84  
Gold Reflector - Wide Beam