



Manta®



LED CRI 80

Surface

12W	LED	IS283	—	LED	—	12	—	+	362
17W	LED	IS283	—	LED	—	17	—	+	362
24W	LED	IS283	—	LED	—	24	—	+	362

Single Circuit Track

12W	LED	TS283	A	LED	—	12	—	+	362
17W	LED	TS283	A	LED	—	17	—	+	362
24W	LED	TS283	A	LED	—	24	—	+	362

Three Circuit Track

12W	LED	TT283	—	LED	—	12	—	+	362
17W	LED	TT283	—	LED	—	17	—	+	362
24W	LED	TT283	—	LED	—	24	—	+	362

DALI Track

12W	LED	TD283	—	LED	—	12	—	+	362
17W	LED	TD283	—	LED	—	17	—	+	362
24W	LED	TD283	—	LED	—	24	—	+	362

TD versions not suitable for use with Gear Type A & L



LED CRI 90

Surface

12W	LED	IS294	—	LED	—	12	—	+	363
17W	LED	IS294	—	LED	—	17	—	+	363
24W	LED	IS294	—	LED	—	24	—	+	363

Single Circuit Track

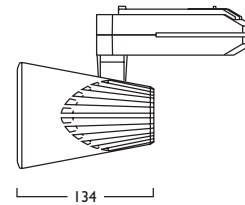
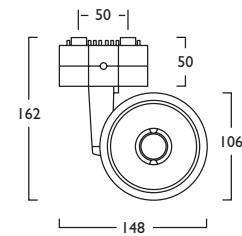
12W	LED	TS294	A	LED	—	12	—	+	363
17W	LED	TS294	A	LED	—	17	—	+	363
24W	LED	TS294	A	LED	—	24	—	+	363

Three Circuit Track

12W	LED	TT294	—	LED	—	12	—	+	363
17W	LED	TT294	—	LED	—	17	—	+	363
24W	LED	TT294	—	LED	—	24	—	+	363

DALI Track

12W	LED	TD294	—	LED	—	12	—	+	363
17W	LED	TD294	—	LED	—	17	—	+	363
24W	LED	TD294	—	LED	—	24	—	+	363



230V 50Hz IP 20 90° 353° 50mm 0.9 kg



- CRI of 80 and 90 available in Standard, Switch and DALI Dim formats
- Single point Zhaga Book 3 LED
- Efficacies up to 137 lm/W
- Available in a choice of lumen outputs, delivering up to 4215 lumens
- Medium beam reflector supplied as standard (narrow and wide beam also available)
- Effective thermal management offers a life expectancy in excess of 50,000 hours (L90 B10)
- Colour stability within 3 MacAdams
- Surface, Single and Three Circuit Track versions available
- Dimmable Three Circuit Track versions use Three Phase adaptors permitting only single circuit control. The Track requires the relevant dimming wiring.
- DALI Track versions are eminently suited to diverse, adaptable lighting scenarios. The Track requires the relevant dimming wiring.
- Wireless Lighting Control available, see Connected video for full overview

A Integral Driver/Remote

J Switch Dim

S DALI Dim

L DALI Bluetooth

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	364	365
385 Wide Beam	366	367

Luminescent Halo, Baffle Options - Examples Shown on page 2



Manta®

3	Warm White LED (3000K)	CRI 80	12W	17W	24W	CRI 90	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		13.0W	18.6W	24.9W		13.0W	18.6W	24.9W
	Power Factor		0.92	0.95	0.95		0.92	0.95	0.95
	Running Current		0.06A	0.09A	0.11A		0.06A	0.09A	0.11A
	Inrush Current (Std)		3.8A (42us)	8.0A (80us)	10.0A (100us)		3.8A (42us)	8.0A (80us)	10.0A (100us)
	Inrush Current (Dim)		6.7A (26us)	6.7A (26us)	6.7A (26us)		6.7A (26us)	6.7A (26us)	6.7A (26us)
	Efficacy		126 lm/W	124 lm/W	131 lm/W		107 lm/W	105 lm/W	111 lm/W
4	Neutral White LED (4000K)	CRI 80	12W	17W	24W	CRI 90	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		13.0W	18.6W	24.9W		13.0W	18.6W	24.9W
	Power Factor		0.92	0.95	0.95		0.92	0.95	0.95
	Running Current		0.06A	0.09A	0.11A		0.06A	0.09A	0.11A
	Inrush Current (Std)		3.8A (42us)	8.0A (80us)	10.0A (100us)		3.8A (42us)	8.0A (80us)	10.0A (100us)
	Inrush Current (Dim)		6.7A (26us)	6.7A (26us)	6.7A (26us)		6.7A (26us)	6.7A (26us)	6.7A (26us)
	Efficacy		131 lm/W	129 lm/W	137 lm/W		112 lm/W	110 lm/W	117 lm/W
	Emergency Output (BLF)		N/A	N/A	N/A		N/A	N/A	N/A

Options

■ Luminescent Halo, Baffle Options



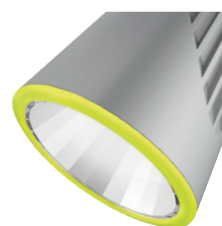
473 Etched Ice



474 Neptune Blue



475 Mars Red

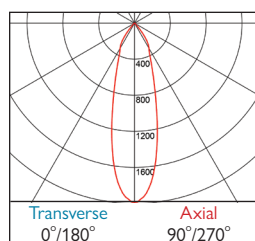


477 Acid Green

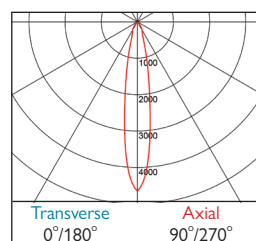


478 Anti Glare Baffle

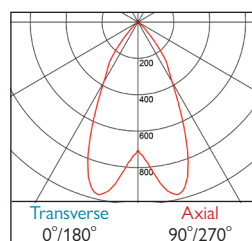
Photometrics



362-363 DLOR: 0.81



364-365 DLOR: 0.83



366-367 DLOR: 0.86

Hacer®
Fluent in Lighting