Eflare Corporation

Product Specification Chart

January 2008

Model	Flash / Steady	Number of LEDs	Colour	Dominant wavelength or Chroma Values	Brightness / Candela	Flash Rate fpm	Battery Life / hours
EF300 Series							
EF300R	Flash	4	Red	620 - 635nm	20	165 - 185	30
EF300A	Flash	4	Amber	582 - 595nm	20	165 - 185	30
HZ510 Series							
HZ510R	Flash	8	Red	620 - 635nm	30	165 - 185	40
HZ510A	Flash	8	Amber	582 - 595nm	30	165 - 185	40
HZ510G	Flash	8	Green	520 - 536nm	19	165 - 185	40
HZ510B	Flash	8	Blue	464 - 476nm	12	165 - 185	40
HZ510W	Flash	8	White	X=0.30+/-0.04 - Y=0.30+/-0.04	25	165 - 185	40
EF512 Series							
EF512R	Flash	16	Red	620 - 635nm	40	165 - 185	25
EF512A	Flash	16	Amber	582 - 595nm	40	165 - 185	25
HZ530 Series - Dual Flash							
HZ530RB	Flash	4 + 4	Red Blue	620 - 635nm 464 - 476nm	24 8	280 - 320	40
HZ530RW	Flash	4 + 4	Red White	620 - 635nm X=0.30+/-0.04 - Y=0.30+/-0.04	24 17	280 - 320	40
HZ530BW	Flash	4 + 4	Blue White	464 - 476nm X=0.30+/-0.04 - Y=0.30+/-0.04	8 17	280 - 320	40
HZ530RA	Flash	4 + 4	Red Amber	620 - 635nm 582 - 595nm	24 24	280 - 320	40
HZ530GA	Flash	4 + 4	Green Amber	520 - 536nm 582 - 595nm	13 24	280 - 320	40
HZ530GW	Flash	4 + 4	White Green	X=0.30+/-0.04 - Y=0.30+/-0.04 520 - 536nm	17 13	280 - 320	40
HZ530RG	Flash	4 + 4	Red Green	620 - 635nm 520 - 536nm	24 13	280 - 320	40
HZ530AW	Flash	4 + 4	White Amber	X=0.30+/-0.04 - Y=0.30+/-0.04 582 - 595nm	17 24	280 - 320	40
EF532 Series - Dual Flash							
EF532RB	Flash	8 + 8	Red Blue	620 - 635nm 464 - 476nm	31 10	280 - 320	25
EF532AB	Flash	8 + 8	Amber Blue	582 - 595nm 464 - 476nm	34 10	280 - 320	25
TF Series - Worklight Function							
TF510R	Flash	8 3 Worklight	Red White	620 - 635nm X=0.30+/-0.04 - Y=0.30+/-0.04	30 200	165 - 185	40
TF610W	Flash	8 3 Worklight	White White	X=0.30+/-0.04 - Y=0.30+/-0.04 X=0.30+/-0.04 - Y=0.30+/-0.04	25 200	165 - 185	40

Model	Flash / Steady	Number of LEDs	Colour	Dominant wavelength or Chroma Values	Brightness / Candela	Flash Rate fpm	Battery Life / hours
HZ520 Series							
HZ520R	Steady	8	Red	620 - 635nm	13	-	40
HZ520A	Steady	8	Amber	582 - 595nm	13	-	40
HZ520G	Steady	8	Green	520 - 536nm	9	-	40
HZ520B	Steady	8	Blue	464 - 476nm	4	-	40
HZ520W	Steady	8	White	X=0.30+/-0.04 - Y=0.30+/-0.04	11	-	40
EF522 Series							
EF522R	Steady	16	Red	620 - 635nm	17	-	25
EF522A	Steady	16	Amber	582 - 595nm	17	-	25
EF522G	Steady	16	Green	520 - 536nm	10	-	25
EF522B	Steady	16	Blue	464 - 476nm	5	-	25
EF522W	Steady	16	White	X=0.30+/-0.04 - Y=0.30+/-0.04	16	-	25
EF550R+G (Aviation)							
EF550R+G	Steady	8 + 8	Red Green	620 - 635nm 520 - 536nm	20 10	-	25
LS510 Series							
LS510R	Flash	16	Red	620 - 635nm	30	165 - 185	40
LS510A	Flash	16	Amber	582 - 595nm	30	165 - 185	40

Model	Flash / Steady	Number of LEDs	Colour	Dominant wavelength or Chroma Values	Watts / Steradian	Flash Rate fpm	Battery Life / hours
IR Series (Infrared)							
IR510	Flash	8	Infrared IR	880 nanometres	0.13	165 - 185	40
IR510 LL	Flash	8	Infrared IR	880 nanometres	0.04	165 - 185	40
IR520	Steady	8	Infrared IR	880 nanometres	0.06	-	40
IR520 LL	Steady	8	Infrared IR	880 nanometres	0.015	-	40

Notes on Measurement Methods Used

- Battery Life measured as accumulated life under a test regime 4 hours on / 4 hours of.
- Brightness is the peak measured at 90 degrees longitude and 3 degrees latitude above lens reference point.
- The brightness is based on LED bin numbers currently available.
- Results can vary from batch to batch.
- All results are from measurements taken after a 15 minute stabilisation period.
- The X and Y chroma value coordinates refer to the CIE 1931 Chromaticity Diagram.

Eflare Corporation Pty Ltd
Level 1, 222 St Kilda Road, St Kilda, Victoria 3182 Australia

Phone: +61 3 9525 3366
Fax: +61 3 9525 3488
FREECALL: 1800 232 266 (AUSTRALIA ONLY)
Email: info@eflarecorp.com
Website: www.eflarecorp.com