

LIBERTY 4



PRODUCT DESCRIPTION

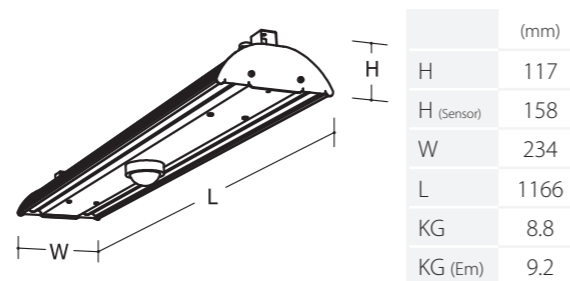
The LIBERTY 4 has been designed to utilise the very latest in high efficiency Samsung LED chip technology and has an impressive output of up to 170 LI/cW and 28000 delivered lumens overall. Construction is from extruded aluminium forming a shallow robust housing, output is controlled and directed with optics designed to maximise lumen efficiencies and put light where it's needed. DALI control gear is also available as an option.

The LIBERTY 4 features a 1m flex to ensure ease of installation and is ideal for open warehouses with high and low racking aisles (recommended for good horizontal luminance) sports halls and general commercial areas.

FEATURES

- Ingress Protection
- Colour Temperature
- 1 metre LSF
- Impact Protection

DIMENSIONS



PRODUCT DATA

LIBERTY 4						
Product code	Distribution	Circuit Watts (w)	Delivered Lumens	Colour Temp	Efficacy LI/cW	Em Lumens
520.92.12300	Narrow	92	12300	4000	133	530
520.136.16600	Narrow	136	16600	4000	121	530
520.152.17900	Narrow	152	17900	4000	118	530
520.199.21300	Narrow	199	21300	4000	107	530
521.92.11200	General	92	11200	4000	121	480
521.136.15100	General	136	15100	4000	111	480
521.152.16300	General	152	16300	4000	107	480
521.199.19400	General	199	19400	4000	98	480
522.92.12300	Wide	92	12300	4000	133	530
522.136.16600	Wide	136	16600	4000	121	530
522.152.17900	Wide	152	17900	4000	118	530
522.199.21300	Wide	199	21300	4000	107	530

LIBERTY 4 PLUS						
Product code	Distribution	Circuit Watts (w)	Delivered Lumens	Colour Temp	Efficacy LI/cW	Em Lumens
520.98.16800	Narrow	98	16800	4000	170	635
520.125.20800	Narrow	125	20800	4000	167	635
520.152.24500	Narrow	152	24500	4000	161	635
520.180.28000	Narrow	180	28000	4000	155	635
521.98.15300	General	98	15300	4000	155	580
521.125.19000	General	125	19000	4000	152	580
521.152.22300	General	152	22300	4000	146	580
521.180.25500	General	180	25500	4000	141	580
522.98.16800	Wide	98	16800	4000	170	635
522.125.20800	Wide	125	20800	4000	167	635
522.152.24500	Wide	152	24500	4000	161	635
522.180.28000	Wide	180	28000	4000	155	635

PRODUCT OPTIONS

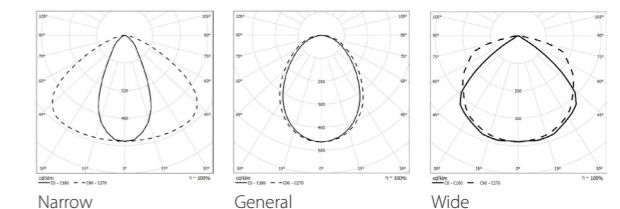
- Correlated colour temp xxx.xx.xxx.3K
- Correlated colour temp xxx.xx.xxx.5K
- Correlated colour temp xxx.xx.xxx.TW
- 3 hr Emergency xxxxxxxx.EM3
- Dali xxxxxxxx.D1
- Emergency Dali xxxxxxxx.EMD3
- Emergency Self Test xxxxxxxx.EMST3
- PIR Occupancy Detection (Up to 15 metres) xxxxxxxx.S1
- PIR Occupancy Detection & Daylight Dimming xxxxxxxx.S2
- Wireless xxxxxxxx.S5
- 3m LSF LSF.3
- 5m LSF LSF.5
- 7m LSF LSF.7

LED PERFORMANCE

25° Ambient Temperature	L70/B50	L80/B50
LIBERTY 4	80,000	50,000
LIBERTY 4 PLUS	100,000	60,000

¹ L' Value = % of initial Lumens maintained after specified time
² B' Value = % of fittings failing to meet operational expectations after specified time

PHOTOMETRIC PERFORMANCE



- LIBERTY 4 PLUS
- Output - 28000
- 180W
- LOR - 100%
- SHR MAX = 1:1 (520)
- SHR MAX = 1.8:1 (522)