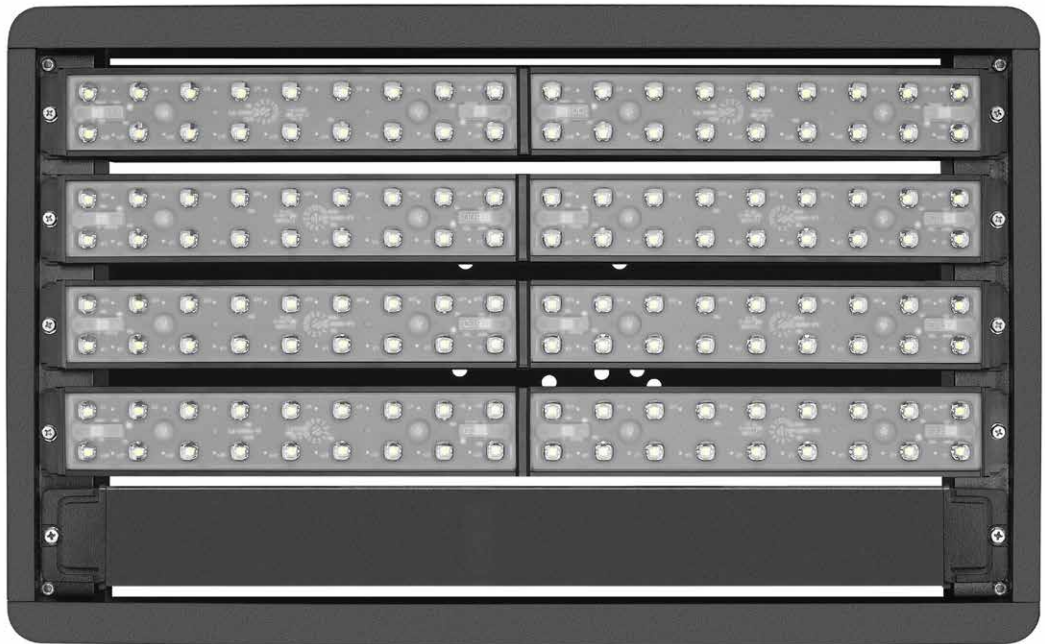




tigerlight®

HIGH-PERFORMANCE
INDUSTRIAL LIGHTING

MEGABAY LIGHTS BAY LIGHTS 40-960W



MEGABAY



HIGH POWERED BAYLIGHT WITH FULL RANGE OF OPTIONS

The MegaBay range by Tigerlight, is a demonstration of the versatility of the MEGA modular lighting platform.

The MegaBay baylights are specifically designed for industrial settings with high ceilings or exceptionally high lux requirements.

A full range of options covers voltage, CCT, CRI, optical lenses, lighting controls, housing colours, plus a choice of ceiling-mounted bracket options.

OPTIONS

MEGABAY

Output from 40W to 960W

Voltage - 240VAC / 415 VAC / DC

Drivers - built-in or remote drivers

Lighting controls / Dimming

Optical lenses - 7 symmetrical and multiple asymmetric options

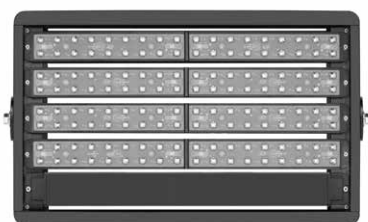
CCT - 5 options from Amber to 5000K

CRI - 3 options, from Ra >70 to >90

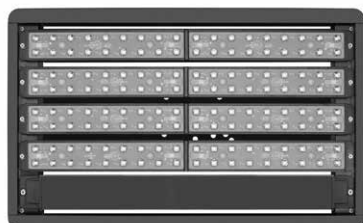
Mounting brackets - 2 options

Powdercoating colour options

U Type Mounting



D Type Mounting

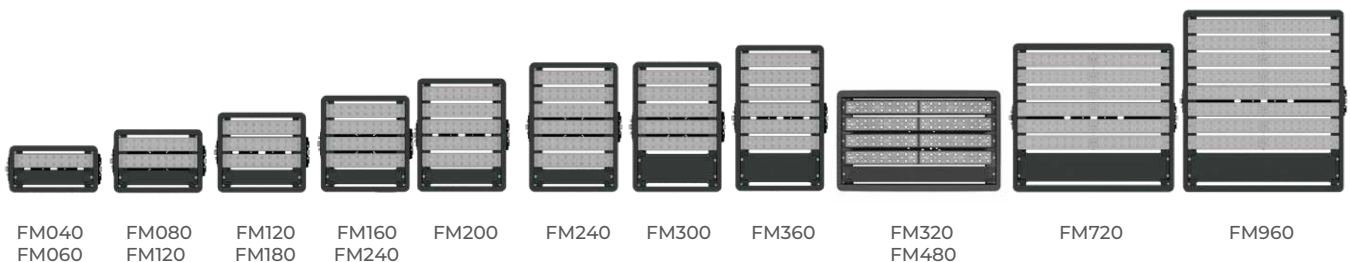




PERFORMANCE SUMMARY

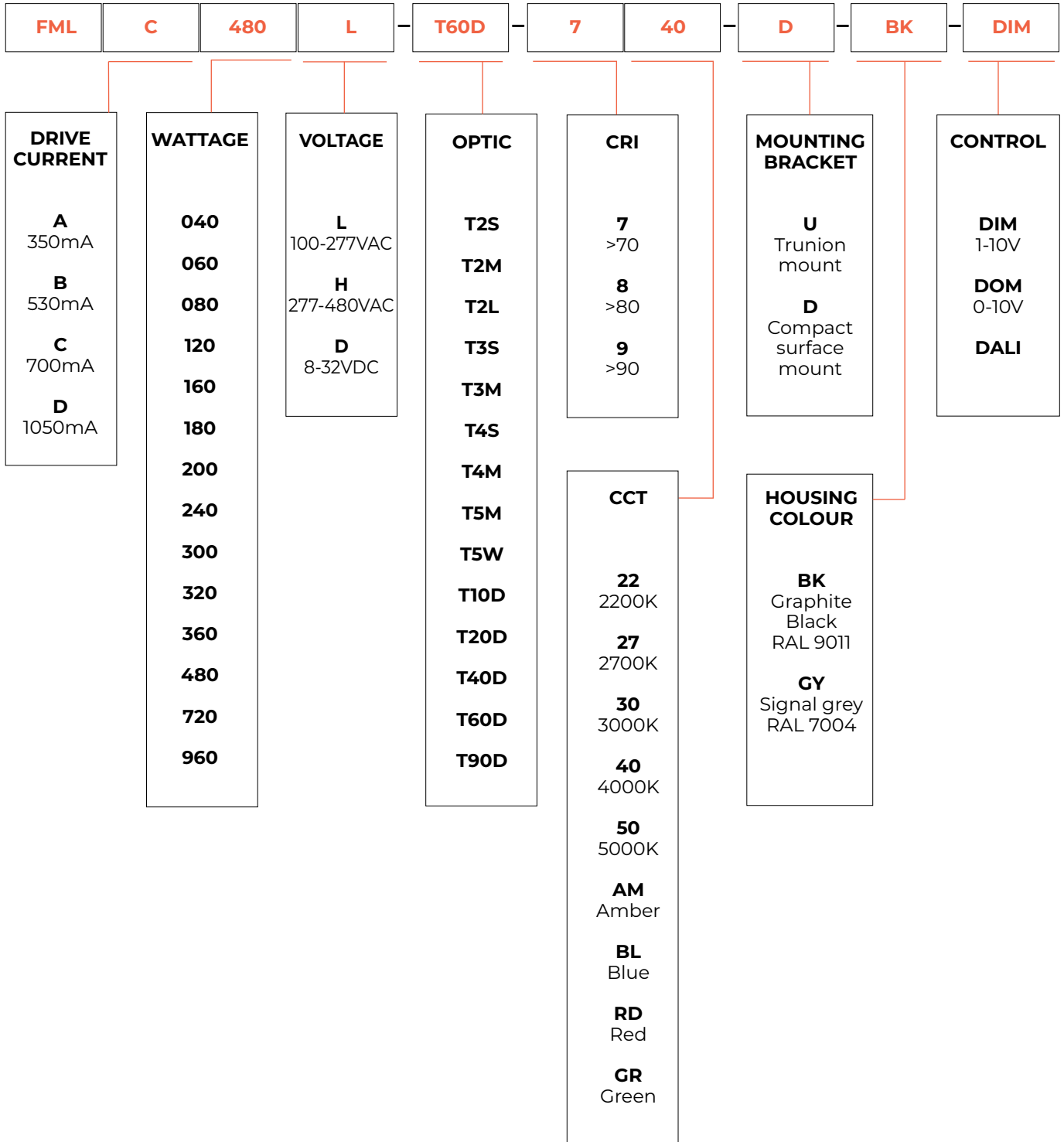
Voltages	100-277VAC, 277-480VAC 50/60HZ. DC options
Power options	40W – 960W
Drivers	Inventronics (EUM, SUM, ESM, SSM series)
Operating Temperatures	-40 to +50deg C
Efficacy	120 – 165lm/w
SDCM	MacAdam 5 (standard)
CCT	4000k (standard), 2200k, 2700, 3000k, 5000k
CRI options	Ra>70 (standard), Ra>80 , Ra>90
IK Rating	IK10
IP Rating	IP66
Power factor	>0.95 at full load
Surge Protection	I _{max} 20KA
L70B10 / L90B10	>200,000hrs. / >60,000hrs
Control Options	1-10VDC, 0-10VDC, DALI
Housing	Die Cast Aluminium
Surface Treatment	Polyester Powdercoat min 100µm thickness
Housing colour	Black RAL 9011, Grey RAL 7004, custom on request
Junction box cable entry	40-360W - M20 gland (8-12mm cable diameter) 480-1200W - M25 gland (14-18mm cable diameter)
Certification	SAA, CE, CB
Warranty	5 years

MEGABAY





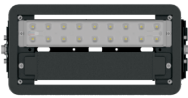
MODEL NUMBER SYSTEM



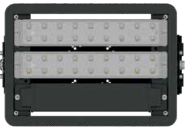
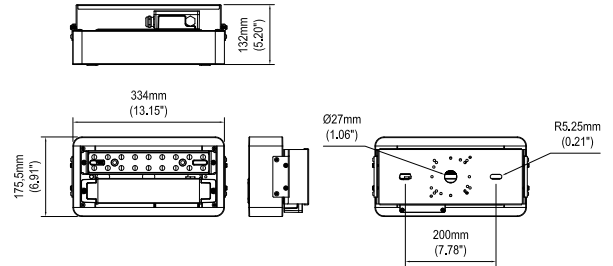
The example shown above is written as: FMLC480L-T60D-740-D-BK-DIM



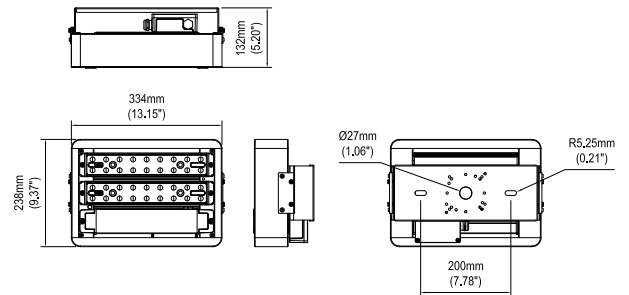
MEGABAY BAYLIGHTS



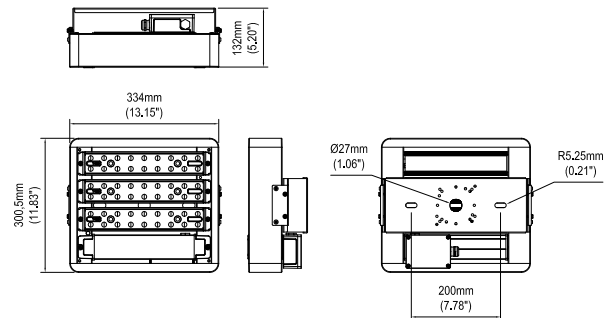
Model	FMC040	FMD060
Typ lumens	6000	8340
Current draw, A @240VAC	0.16	0.25
LCP, W	38	60
Modules	1	1
Weight, kg	4.2	4.2
Dimensions	176x334x132mm	



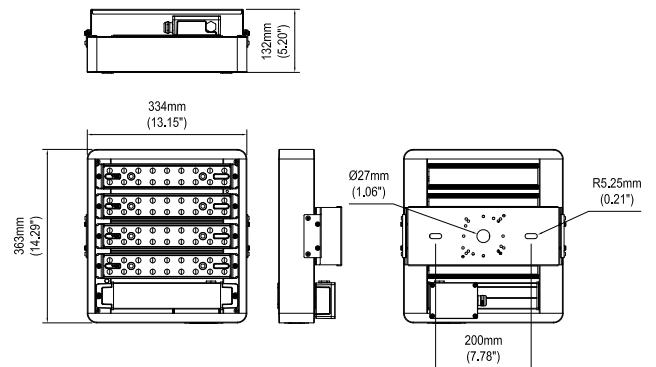
Model	FMC080	FMD120
Typ lumens	11050	14900
Current draw, A @240VAC	0.32	0.48
LCP, W	77	115
Modules	2	2
Weight, kg	4.9	5.0
Dimensions	238x334x132mm	



Model	FMC120	FMD180
Typ lumens	18600	25920
Current draw, A @240VAC	0.48	0.73
LCP, W	116	176
Modules	3	3
Weight, kg	5.5	5.7
Dimensions	300x334x132mm	

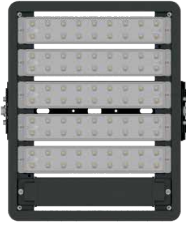


Model	FMC160	FMD240
Typ lumens	22145	32843
Current draw, A @240VAC	0.63	0.93
LCP, W	152	223
Modules	4	4
Weight, kg	6.5	6.7
Dimensions	363x334x132mm	

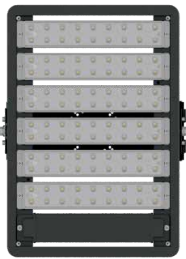
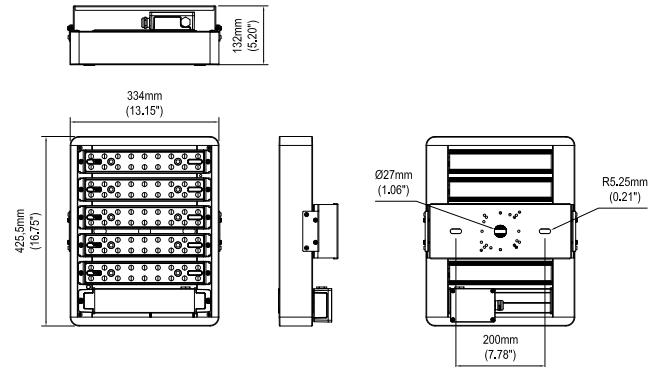




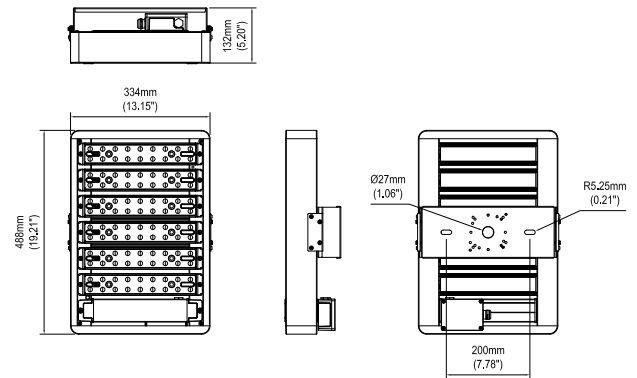
MEGABAY BAYLIGHTS



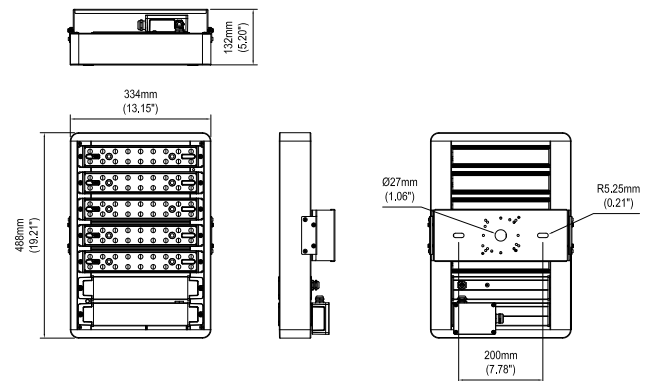
Model	FMC200
Typ lumens	27500
Current draw, A @240VAC	0.81
LCP, W	195
Modules	5
Weight, kg	7.3
Dimensions	425x334x132mm



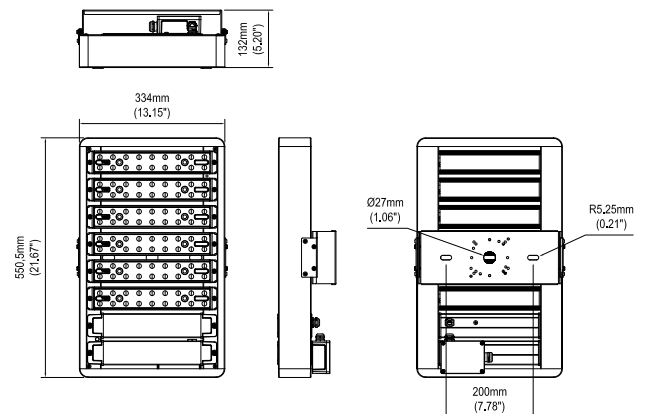
Model	FMC240
Typ lumens	32843
Current draw, A @240VAC	0.93
LCP, W	223
Modules	6
Weight, kg	7.9
Dimensions	488x334x132mm



Model	FMD300
Typ lumens	37050
Current draw, A @240VAC	1.20
LCP, W	287
Modules	5
Weight, kg	8.3
Dimensions	488x334x132mm

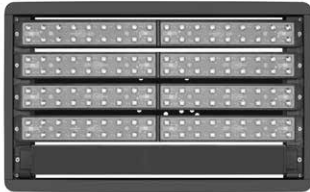


Model	FMD360
Typ lumens	44050
Current draw, A @240VAC	1.43
LCP, W	342
Modules	6
Weight, kg	9.0
Dimensions	550x334x132mm

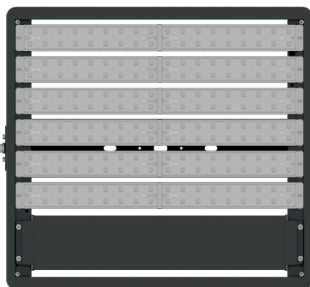
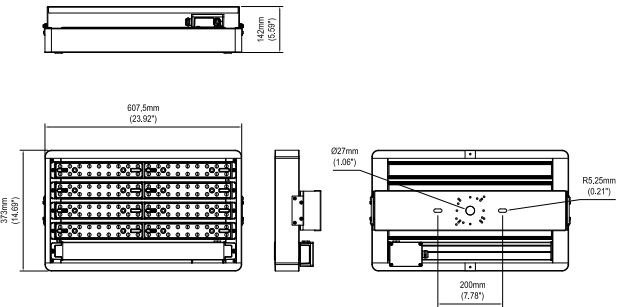




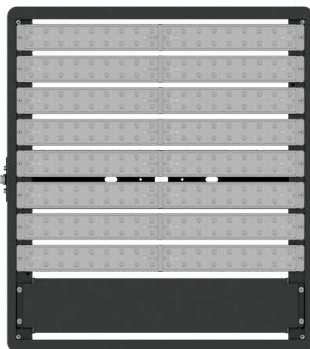
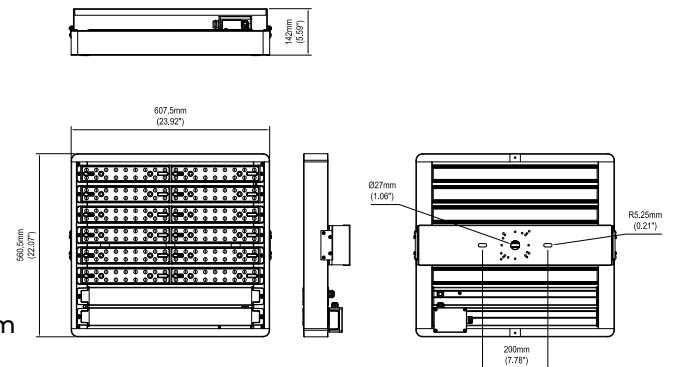
MEGABAY BAYLIGHTS



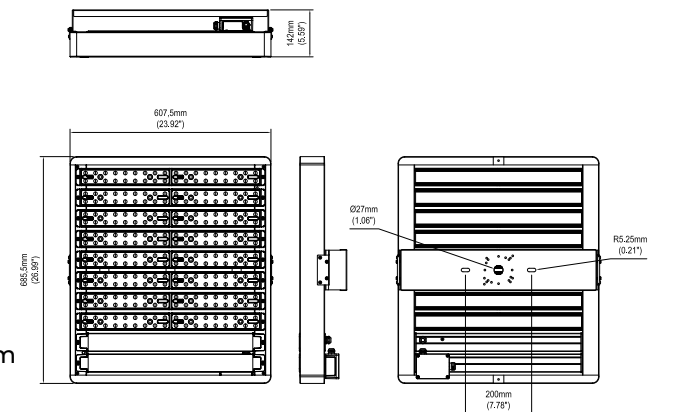
Model	FMC320	FMD480
Typ lumens	44170	60050
Current draw, A @240VAC	1.26	1.91
LCP, W	302	458
Modules	8	8
Weight, kg	10.3	10.6
Dimensions	373x608x142mm	



Model	FLD720
Typ lumens	89000
Current draw, A @240VAC	2.87
LCP, W	689
Modules	12
Weight, kg	15.5
Dimensions	560x608x142mm



Model	FLD960
Typ lumens	118000
Current draw, A @240VAC	3.82
LCP, W	916
Modules	16
Weight, kg	17.8
Dimensions	686x608x142mm

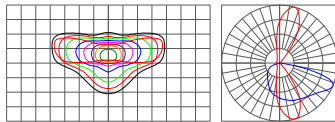




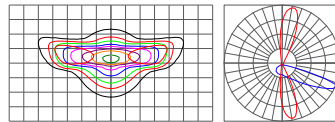
PHOTOMETRICS

Optical lensing options include 7 Symmetric and 7 Asymmetric lenses including back-light control options, to enable compliance with Australian Standard AS4282 Obtrusive Lighting.

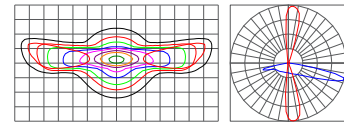
ASYMMETRIC



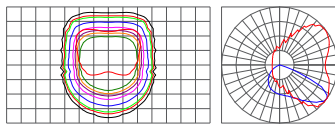
T2S Type II Short



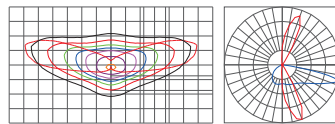
T2M Type II Medium



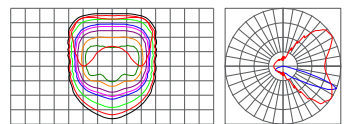
T2L Type II Long



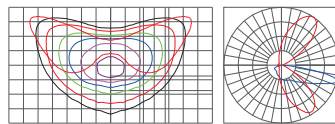
T3S Type III Short



T3M Type III Medium

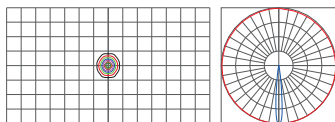


T4S Type IV Short

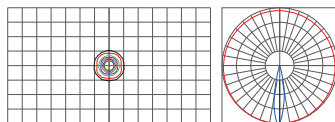


T4M Type IV Medium

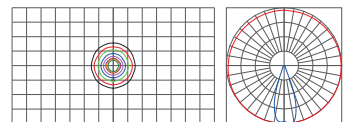
SYMMETRIC



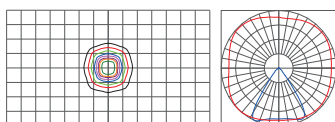
T10D 10° Flood



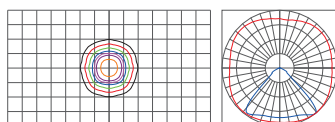
T20D 20° Flood



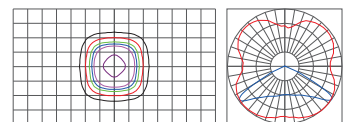
T40D 40° Flood



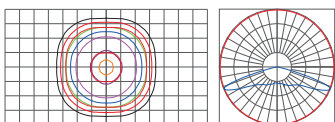
T60D 60° Flood



T90D 90° Flood

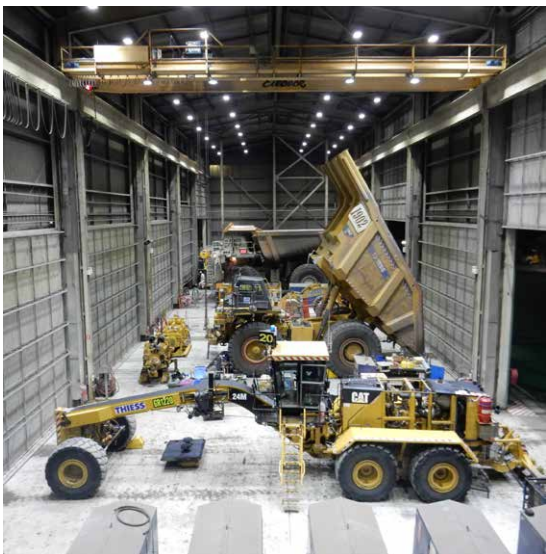


T5M Type V Square Medium



T5W Type V Square Wide





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