

TRITITORY FLOODLIGHT



KEY ADVANTAGES

- > With asymmetric and symmetric beam angle options
- > With three variations of wattages
- > Highly protected against water and dust
- > With different color temperature, that is perfect for outdoor scene like sports and industrial sites
- > Highly protected from electrical surges

With multiple combinations of lumen packages and light distributions, TRITITORY is the ideal tool to provide an efficient multi-purpose lighting solution for industrial and other outdoor environments.

Available in various sizes, this compact luminaire perfectly integrates environments to provide the exact lighting requirements for the space to be lit. Delivered with a mounting bracket and also available with a post-top fixation, it can be adjusted on-site for a precise optical control.

It is perfect for replacing fixtures with discharge lamps from 50 to 400W. TRITITORY provides a bright white light for excellent visibility and colour perception, delivering value beyond energy savings. Its robust design, with a high IP rating, guarantees performance for many years to come, even in the harshest conditions.

APPLICATIONS



SPORT
FACILITIES



CAR PARKS



ACCENT &
ARCHITECTURAL



LARGE AREAS



INDUSTRIAL
HALLS &
WAREHOUSES



TUNNELS &
UNDERPASSES

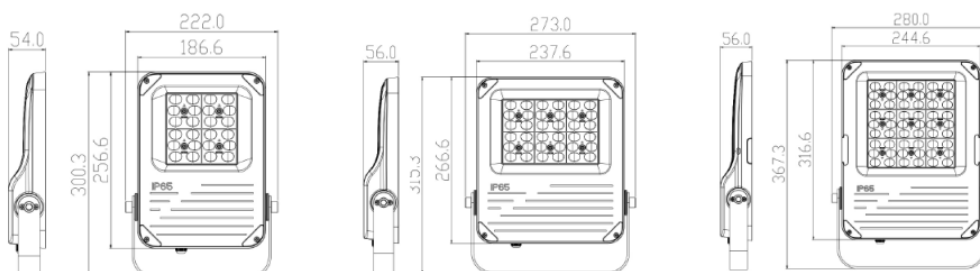
IP 66

IK 08

CE



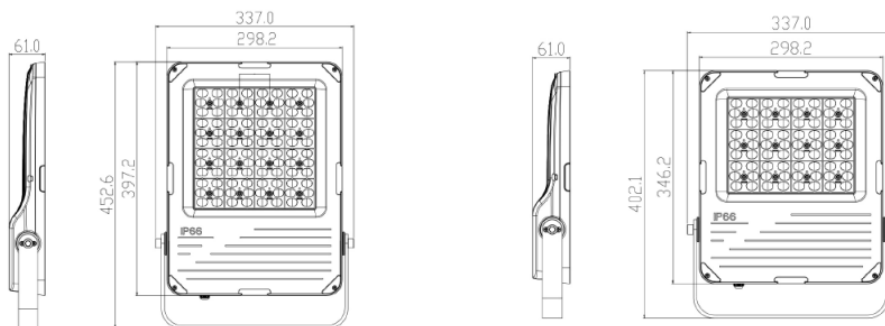
DIMENSIONS AND MOUNTING



TRITORY 1

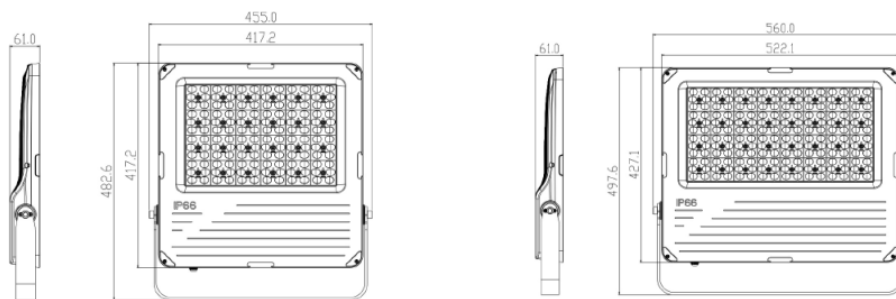
TRITORY 2

TRITORY 3



TRITORY 4

TRITORY 5



TRITORY 6

TRITORY 7

DIMENSIONS AND MOUNTING

LxW | height (mm)

TRITORY 1 : 187x257x54
TRITORY 2 : 238x267x56
TRITORY 3 : 245x317x56
TRITORY 4 : 298x397x61

TRITORY 5 : 298x346x61
TRITORY 6 : 417x417x61
TRITORY 7 : 522x427x61

Mounting Possibilities

Surface Mounting
Bracket Mounting

Tilt Angle (°)

-90 to +90

CHARACTERISTICS

GENERAL

CE Mark	Yes
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HOUSING AND FINISH

Housing	Die-casting Aluminum
Optic	PC
Protector	Tempered Glass
Housing Finish	Black
Tightness Level	IP66
Impact Resistance	IK08

Any other RAL or AKZO colour upon request.

OPERATING CONDITIONS

Operating temperature range (Ta)	-30°C up to +45°C
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Depending on the luminaire configuration. For more details, please contact our Sales Representative.

ELECTRICAL INFORMATION

Electrical Class	Class I
Nominal Voltage	AC 220-240V 50Hz
Surge Protection	10kV
Control Protocols	0-10V, DALI

OPTICAL INFORMATION

LED colour temperature	2700K (Warm White WW727) 3000K (Warm White WW730) 4000K (Neutral White NW740)
Colour rendering index (CRI)	>70 (Warm White WW727) >70 (Warm White WW730) >70 (Neutral White NW740)

LIFETIME OF THE LEDS

All configurations	54000h
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Lifetime may be different according to the size/configurations. Please consult our Sales Representative.

PERFORMANCE



Number of LEDs	Luminaire output flux (lm) >70						Power Consumption (W)	Luminaire Efficacy (lm/W)	
	2700K		3000K		4000K			Min	Max
	Min	Max	Min	Max	Min	Max			
24	6645	7025	6975	7375	7405	7745	50	133	155



Number of LEDs	Luminaire output flux (lm) >70						Power Consumption (W)	Luminaire Efficacy (lm/W)	
	2700K		3000K		4000K			Min	Max
	Min	Max	Min	Max	Min	Max			
36	10392	10992	10912	11536	11456	12112	80	130	152



Number of LEDs	Luminaire output flux (lm) >70						Power Consumption (W)	Luminaire Efficacy (lm/W)	
	2700K		3000K		4000K			Min	Max
	Min	Max	Min	Max	Min	Max			
54	13504	14281	14180	14999	14887	15746	101	134	156

PERFORMANCE



Number of LEDs	Luminaire output flux (lm) >70						Power Consumption (W)	Luminaire Efficacy (lm/W)	
	2700K		3000K		4000K			Min	Max
	Min	Max	Min	Max	Min	Max			
72	20055	21218	21054	22276	22112	23378	149	135	157



Number of LEDs	Luminaire output flux (lm) >70						Power Consumption (W)	Luminaire Efficacy (lm/W)	
	2700K		3000K		4000K			Min	Max
	Min	Max	Min	Max	Min	Max			
90	26129	27621	27422	28994	28795	30447	199	131	153



Number of LEDs	Luminaire output flux (lm) >70						Power Consumption (W)	Luminaire Efficacy (lm/W)	
	2700K		3000K		4000K			Min	Max
	Min	Max	Min	Max	Min	Max			
144	39976	42293	41966	44402	44075	46599	297	135	157

PERFORMANCE



Number of LEDs	Luminaire output flux (lm) >70						Power Consumption (W)	Luminaire Efficacy (lm/W)	
	2700K		3000K		4000K			Min	Max
	Min	Max	Min	Max	Min	Max			
180	52257	55242	54844	57989	57591	60894	398	132	153

PERFORMANCE



Number of LEDs	Luminaire output flux (lm) >70						Power Consumption (W)	Luminaire Efficacy (lm/W)	
	2700K		3000K		4000K			Min	Max
	Min	Max	Min	Max	Min	Max			
24	6900	7300	7745	8190	7910	8365	50	138	167



Number of LEDs	Luminaire output flux (lm) >70						Power Consumption (W)	Luminaire Efficacy (lm/W)	
	2700K		3000K		4000K			Min	Max
	Min	Max	Min	Max	Min	Max			
36	10840	11464	12168	12864	12432	13144	80	136	164



Number of LEDs	Luminaire output flux (lm) >70						Power Consumption (W)	Luminaire Efficacy (lm/W)	
	2700K		3000K		4000K			Min	Max
	Min	Max	Min	Max	Min	Max			
48	13710	14500	15380	16270	15720	16620	100	137	166

PERFORMANCE



Number of LEDs	Luminaire output flux (lm) >70						Power Consumption (W)	Luminaire Efficacy (lm/W)	
	2700K		3000K		4000K			Min	Max
	Min	Max	Min	Max	Min	Max			
72	20651	21843	23170	24496	23676	25032	149	139	168



Number of LEDs	Luminaire output flux (lm) >70						Power Consumption (W)	Luminaire Efficacy (lm/W)	
	2700K		3000K		4000K			Min	Max
	Min	Max	Min	Max	Min	Max			
96	27412	28984	30749	32514	31409	33213	194	141	171



Number of LEDs	Luminaire output flux (lm) >70						Power Consumption (W)	Luminaire Efficacy (lm/W)	
	2700K		3000K		4000K			Min	Max
	Min	Max	Min	Max	Min	Max			
144	41441	43833	46495	49156	47511	50232	299	139	168

PERFORMANCE



Number of LEDs	Luminaire output flux (lm) >70						Power Consumption (W)	Luminaire Efficacy (lm/W)	
	2700K		3000K		4000K			Min	Max
	Min	Max	Min	Max	Min	Max			
192	54824	57967	61498	65029	62817	66426	388	141	171

ORDERING GUIDE (FOR CREE LED CHIP)

TRIT Fixture Name	Fixture Size	No. of LEDs	CCT	Optic Type	Wattage	LED Brand
	1 Size 1	24 24 LEDs	27 2700K	T30 30° Symmetric	50W 50 watts	CR CREE
	2 Size 2	36 36 LEDs	30 3000K	T45 45° Symmetric	80W 80 watts	
	3 Size 3	54 54 LEDs	40 4000K	T60 60° Symmetric	101W 101 watts	
	4 Size 4	72 72 LEDs		T90 90° Symmetric	149W 149 watts	
	5 Size 5	90 90 LEDs		T2 Asymmetric	199W 199 watts	
	6 Size 6	144 144 LEDs		T3 Asymmetric	297W 297 watts	
	7 Size 7	180 180 LEDs			398W 398 watts	

Note:
1. Schröder reserves the right to update and/or revise product specifications without prior public announcements or publishing of marketing information. Please always consult your nearest Schröder Sales and Commercial Representative for latest and valid product specifications

ORDERING GUIDE (FOR OSRAM LED CHIP)

TRIT Fixture Name	Fixture Size	No. of LEDs	CCT	Optic Type	Wattage	LED Brand
	1 Size 1	24 24 LEDs	27 2700K	T30 30° Symmetric	50W 50 watts	OS OSRAM
	2 Size 2	36 36 LEDs	30 3000K	T45 45° Symmetric	80W 80 watts	
	3 Size 3	48 48 LEDs	40 4000K	T60 60° Symmetric	100W 101 watts	
	4 Size 4	72 72 LEDs		T90 90° Symmetric	149W 149 watts	
	5 Size 5	96 96 LEDs		T2 Asymmetric	194W 199 watts	
	6 Size 6	144 144 LEDs		T3 Asymmetric	299W 297 watts	
	7 Size 7	192 192 LEDs			388W 398 watts	

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