

SINTRA FLOODLIGHT



KEY ADVANTAGES

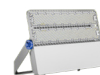
- > With asymmetric and symmetric beam angle options
- > With three variations of wattages
- > Highly protected against water and dust
- > With different color temperature, that is perfect for outdoor scene like sports and industrial sites
- > Highly protected from electrical surges

SINTRA is setting a new standard by providing a performing LED alternative to HID luminaires for high-mast, high bay, tunnel and other high-power applications with a minimum total cost of ownership.

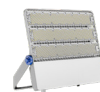
This luminaire has been designed to provide an unrivalled combination of performance and flexibility for lighting areas where high lumen packages are needed with the added advantages of an LED solution: low energy consumption, improved visibility with white light, limited maintenance and longer life.

In addition to maximising energy savings, the SINTRA is a connected-ready lighting solution to meet your future smart city or other outdoor requirements.

SINTRA can be installed in various configurations (suspended, surface-mounted or bracket mounted in a post).



SINTRA 1



SINTRA 2

APPLICATIONS



SPORT FACILITIES



CAR PARKS



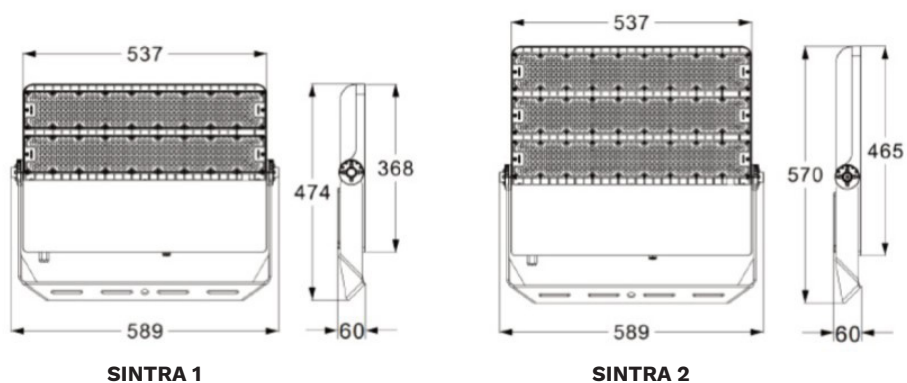
ACCENT & ARCHITECTURAL



TUNNELS & UNDERPASSES



DIMENSIONS AND MOUNTING



DIMENSIONS AND MOUNTING

LxW | height (mm)

SINTRA 1 : 537x368x60

SINTRA 2 : 537x465x60

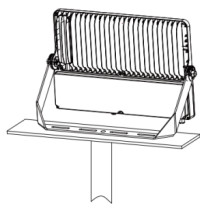
Mounting Possibilities

Surface Mounting

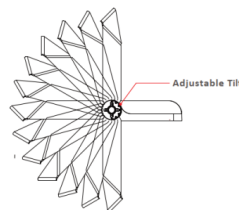
Bracket Mounting

Tilt Angle (°)

-90 to +90



SURFACE/BRACKET MOUNTING



TILT OPTIONS

CHARACTERISTICS

GENERAL

CE Mark	Yes
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HOUSING AND FINISH

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

Any other RAL or AKZO colour upon request.

OPERATING CONDITIONS

Operating temperature range (Ta)	-40°C up to +50°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

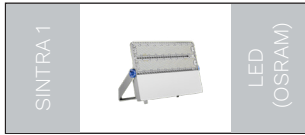


Number of LEDs	Luminaire output flux (lm) >70						Power Consumption (W)	Luminaire Efficacy (lm/W)	
	2700K		3000K		4000K			Min	Max
	Min	Max	Min	Max	Min	Max			
660	62850	65059	66214	68473	70029	72439	502	125	144



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			
990	94276	97589	99321	102709	105044	108658	753	125	144

PERFORMANCE

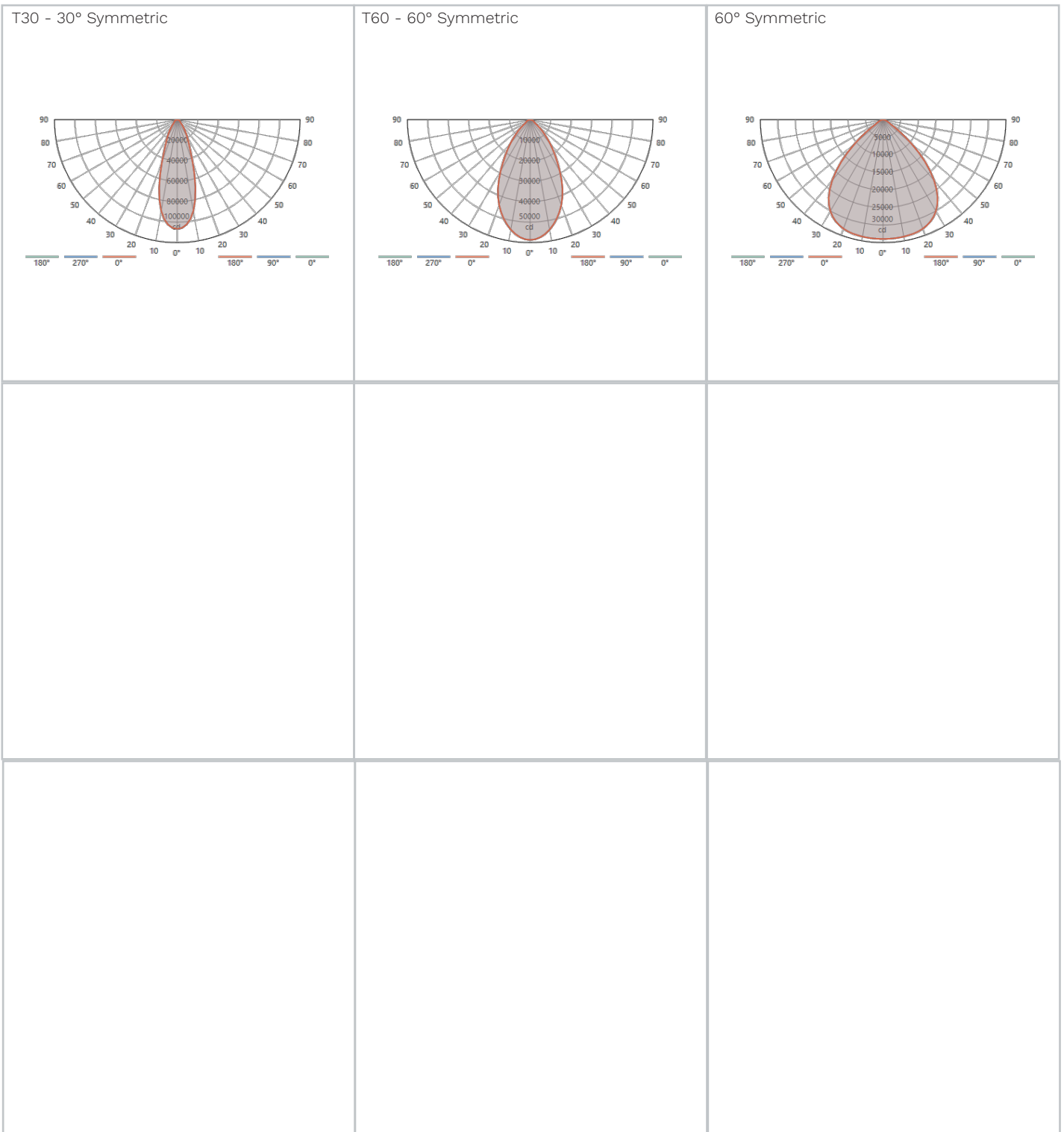


Number of LEDs	Luminaire output flux (lm) >70						Power Consumption (W)	Luminaire Efficacy (lm/W)	
	2700K		3000K		4000K			Min	Max
	Min	Max	Min	Max	Min	Max			
660	69728	72137	73292	75802	74597	77208	502	139	154



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			
990	104592	108206	109938	113703	111896	115811	753	139	154

LIGHT DISTRIBUTION



ORDERING GUIDE (FOR CREE LED CHIP)

Fixture Name	Fixture Size	No. of LEDs	CCT	Optic Type	Wattage	LED Brand
SINT	1 Size 1	660 660 LEDs	27 2700K	T30 30° Symmetric	502W 502 watts	CR CREE
	2 Size 2	990 990 LEDs	30 3000K	T60 60° Symmetric	753W 753 watts	
			40 4000K	T90 90° Symmetric		

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)

Fixture Name	Fixture Size	No. of LEDs	CCT	Optic Type	Wattage	LED Brand
SINT	1 Size 1	660 660 LEDs	27 2700K	T30 30° Symmetric	502W 502 watts	OS OSRAM
	2 Size 2	990 990 LEDs	30 3000K	T60 60° Symmetric	753W 753 watts	
			40 4000K	T90 90° Symmetric		

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