

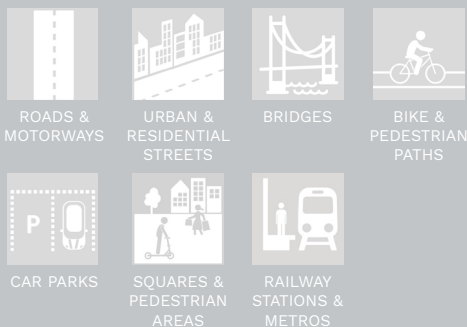
**BRILLARA  
STREET  
LIGHT**



**KEY ADVANTAGES**

- > With asymmetric beam angle option
- > With more variations of high quality LED source modules
- > With more wattage variations
- > Highly protected against water and dust
- > Die-casting aluminum body
- > PC optical lens
- > Black and Gray housing color available

**APPLICATIONS**



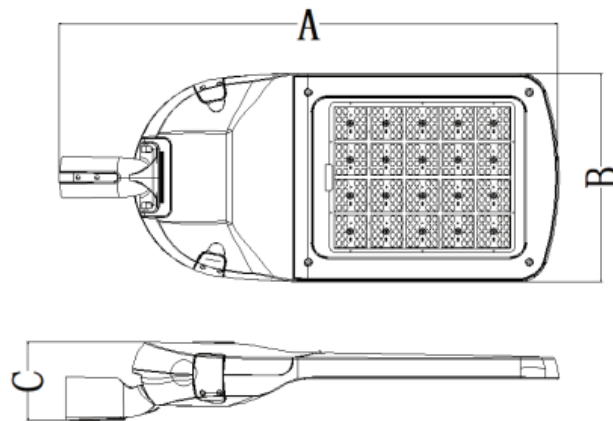
Being at the core of urban and road infrastructure, lighting plays a crucial role in cities' lives. From this perspective, we firmly believe lighting should be both cost-effective and high-performance.

Based on our proven road LED lighting experience, we have developed BRILLARA, a budget-friendly yet exceptionally efficient road lighting solution. This luminaire has been designed with a focus on compactness, cost-efficiency and superior performance.

BRILLARA is a robust lighting solution optimised to operate in hot, demanding environments while providing consistent efficacy over time and offering unmatched value. Experience the best in performance with a quick return on investment, with the BRILLARA LED lighting solution.



## DIMENSIONS AND MOUNTING



### DIMENSIONS AND MOUNTING

LxW   height (mm)	BRILLARA 1	: 523x195   105
	BRILLARA 2	: 540x220   105
	BRILLARA 3	: 632x250   105
	BRILLARA 4	: 695x310   105
	BRILLARA 5	: 775x320   120

Mounting Possibilities	Post Top
	Side Entry

Weight (kg)	BRILLARA 1	: 2.9
	BRILLARA 2	: 3.3
	BRILLARA 3	: 4.5
	BRILLARA 4	: 6.2
	BRILLARA 5	: 9.6

## CHARACTERISTICS

### GENERAL

CE Mark	Yes
---------	-----

### HOUSING AND FINISH

Housing	Die-casting Aluminum
Optic	PC
Protector	Glass
Housing Finish	Black and Grey
Tightness Level	IP66
Impact Resistance	IK10

*Any other RAL or AKZO colour upon request.*

### OPERATING CONDITIONS

Operating Temperature Range (Ta)	-35°C up to +50°C with wind effect
----------------------------------	------------------------------------

*Depending on the luminaire configuration. For more details, please our Sales Representative.*

### LIFETIME OF THE LEDS

All configurations	100000h - L70
--------------------	---------------

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

### ELECTRICAL INFORMATION

Electrical Class	Class I
Nominal Voltage	AC 120-277V 50/60Hz
Surge Protection	10kV
Control Protocols	0-10V, DALI
Socket	7-pin NEMA

### OPTICAL INFORMATION

LED colour temperature	2200K (Warm White WW722) 2700K (Warm White WW727) 3000K (Warm White WW730) 4000K (Neutral White NW740) 5000K (Cool White CW750) 6500K (Cool White CW765)
Colour rendering index (CRI)	>70 (Warm White WW722) >70 (Warm White WW727) >70 (Warm White WW730) >70 (Neutral White NW740) >70 (Cool White CW750) >70 (Cool White CW765)

## PERFORMANCE



Number of LEDs	Luminaire output flux (lm) >70			Power Consumption (W)	Luminaire Efficacy (lm/W)	
	2200K	2700K/3000K	4000K/5000K/6500K		Min	Max
36	8200	8682	9647	60W	142	167
36	10878	11518	12798	80W	141	166



Number of LEDs	Luminaire output flux (lm) >70			Power Consumption (W)	Luminaire Efficacy (lm/W)	
	2200K	2700K/3000K	4000K/5000K/6500K		Min	Max
54	13439	14229	15810	100W	141	165
54	16393	17357	19286	120W	141	166

**PERFORMANCE**



Number of LEDs	Luminaire output flux (lm) >70			Power Consumption (W)	Luminaire Efficacy (lm/W)	
	2200K	2700K/3000K	4000K/5000K/6500K		Min	Max
90	20241	21432	23813	150W	142	167
90	24834	26294	29216	180W	141	166



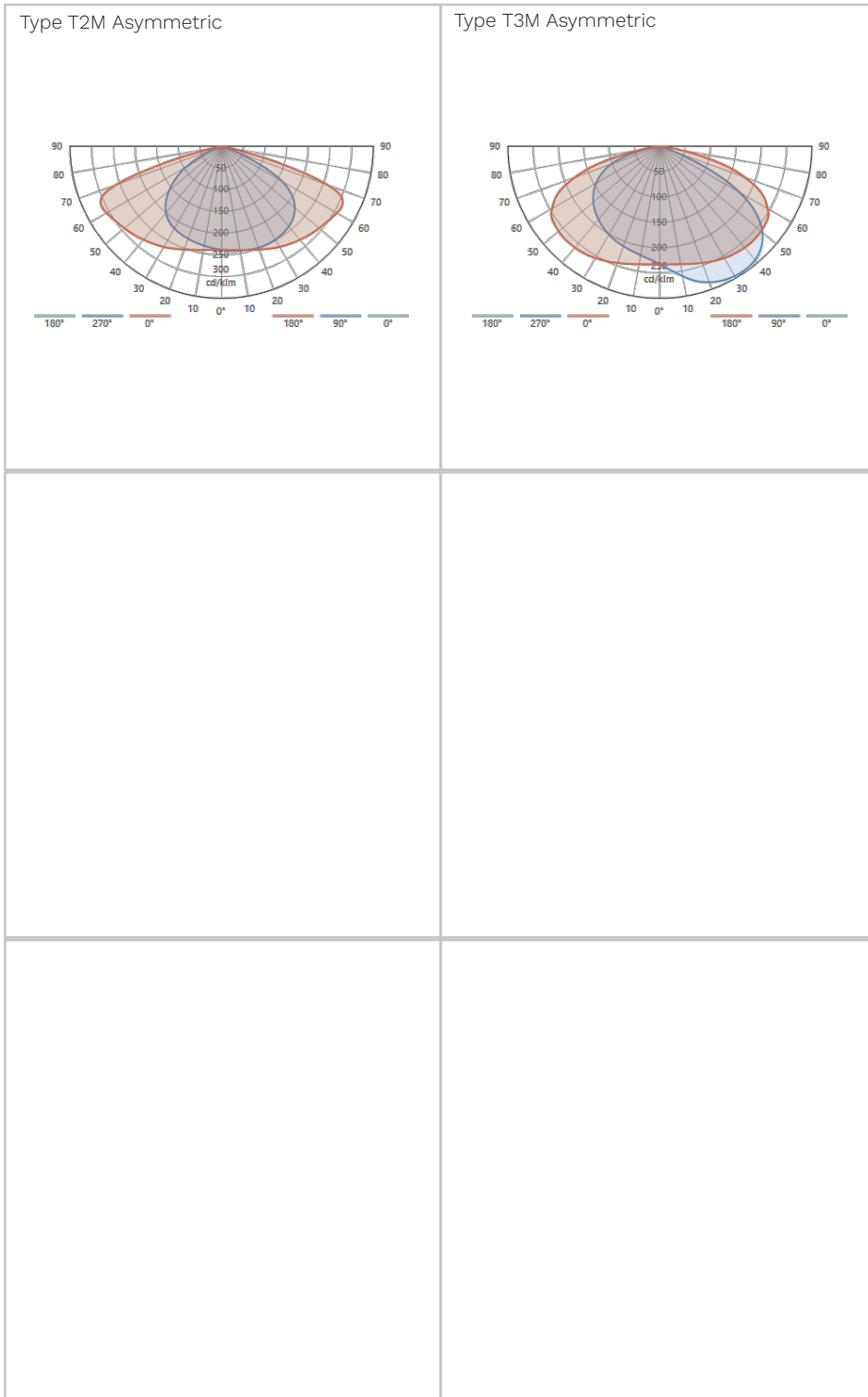
Number of LEDs	Luminaire output flux (lm) >70			Power Consumption (W)	Luminaire Efficacy (lm/W)	
	2200K	2700K/3000K	4000K/5000K/6500K		Min	Max
120	27288	28894	32104	200W	142	167
120	30337	32121	35690	220W	141	166
120	33159	35109	39010	240W	141	166

## PERFORMANCE



Number of LEDs	Luminaire output flux (lm) >70			Power Consumption (W)	Luminaire Efficacy (lm/W)	
	2200K	2700K/3000K	4000K/5000K/6500K		Min	Max
160	37768	39990	44433	290W/300W	134	158

## LIGHT DISTRIBUTION



**ORDERING GUIDE**

Fixtural Name	CCT	Wattage	No. of LEDs
<b>BRIL</b> -	<input type="text"/>	<input type="text"/>	<input type="text"/>
	<b>22</b> 2200K	<b>W60</b> 60 watts	<b>36L</b> 36 LEDs
	<b>27</b> 2700K	<b>W80</b> 80 watts	<b>54L</b> 54 LEDs
	<b>30</b> 3000K	<b>W100</b> 100 watts	<b>90L</b> 90 LEDs
	<b>40</b> 4000K	<b>W120</b> 120 watts	<b>120L</b> 120 LEDs
	<b>50</b> 5000K	<b>W150</b> 150 watts	<b>160L</b> 160 LEDs
	<b>65</b> 6500K	<b>W180</b> 180 watts	
		<b>W200</b> 200 watts	
		<b>W220</b> 220 watts	
		<b>W240</b> 240 watts	
		<b>W290/W300</b> 290/300 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.  
2. 60W and 300W requirements are subject to special and separate request.