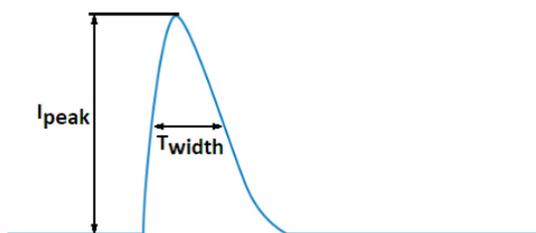


CIRCUIT BREAKER DATA

Luminaire Family:	AURELED
Sub-families:	AURELED HYGIENE IP54
Applicable Model Range:	EL-AURH-3100-244 EL-AURH-3101-244 EL-AURH-3104-244 EL-AURH-3105-244

Inrush current

Specification item	Value	Unit	Condition
Inrush current	5.5	A	Input voltage 230V
Inrush peak width	55	μs	Input voltage 230 V, measured at 50% height
Drivers / MCB 16A type B	≤ 32	pcs	Indicative value



Driver touch current / protective conductor current

Specification item	Value	Unit	Condition
Typical Touch Current (ins. Class II)	0.7	mA peak	Acc. IEC61347-1. LED module contribution not included
Typical Protective Conductor Current (ins. Class I)	0.5	mA rms	Acc. IEC60598-1. LED module contribution not included

IMPORTANT:

- The above are maximum quantities calculated based on the inrush current and provided as a guide only.
- DO NOT exceed the maximum rated continuous current of the circuit breaker.
- Information about the tripping characteristics of a specific circuit breaker must be requested from the circuit breaker manufacturer!
- Actual values may differ depending on the specific circuit breaker type(s) used and the installation environment such as the cable size, length, safety buffer, etc.

Luminaire Family:	AURELED
Sub-families:	AURELED HYGIENE IP54
Applicable Model Range:	EL-AURH-3102-244 EL-AURH-3103-244 EL-AURH-3106-244 EL-AURH-3107-244

Maximum loading of automatic circuit breakers in relation to inrush current

Automatic circuit breaker type	C10	C13	C16	C20	B10	B13	B16	B20	Inrush current	
Installation Ø	1.5 mm ²	1.5 mm ²	2.5 mm ²	4 mm ²	1.5 mm ²	1.5 mm ²	2.5 mm ²	4 mm ²	I_{max}	time
	23	31	38	48	14	19	23	29	23 A	200 µs

These are max. values calculated out of inrush current! Please consider not to exceed the maximum rated continuous current of the circuit breaker. Calculation uses typical values from ABB series S200 as a reference. Actual values may differ due to used circuit breaker types and installation environment.

IMPORTANT:

- The above are maximum quantities calculated based on the inrush current and provided as a guide only.
- DO NOT exceed the maximum rated continuous current of the circuit breaker.
- Information about the tripping characteristics of a specific circuit breaker must be requested from the circuit breaker manufacturer!
- Actual values may differ depending on the specific circuit breaker type(s) used and the installation environment such as the cable size, length, safety buffer, etc.