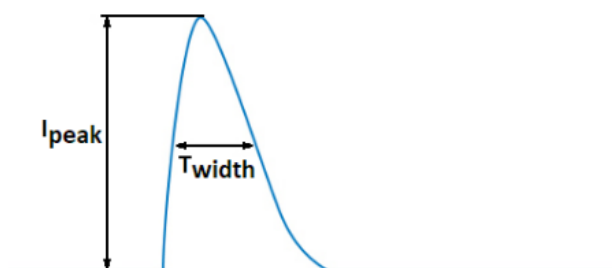


# CIRCUIT BREAKER DATA

Luminaire Family:	<b>AURELED</b>
Sub-families:	<b>CLARICO DOWN</b>
Applicable Model Range:	<b>EL-AUR-3150-000</b>

## Inrush current

Specification item	Value	Unit	Condition
Inrush current $I_{peak}$	4.4	A	Input voltage 230V
Inrush current $T_{width}$	20	$\mu$ s	Input voltage 230V, measured at 50% $I_{peak}$
Drivers / MCB 16A type B	$\leq 36$	pcs	Indicative value



MCB	Rating	Relative number of LED drivers
B	4A	25%
B	6A	40%
B	10A	63%
B	13A	81%
B	16A	100% (stated in datasheet)
B	20A	125%
B	25A	156%
B	32A	200%
B	40A	250%
C	4A	42%
C	6A	63%
C	10A	104%
C	13A	135%
C	16A	170%
C	20A	208%
C	25A	260%
C	32A	340%
C	40A	415%

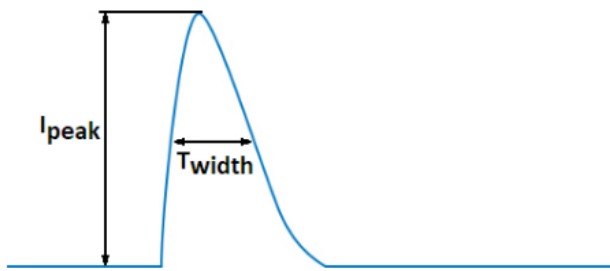
## IMPORTANT:

- 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:	<b>AURELED</b>
Sub-families:	<b>CLARICO DOWN</b>
Applicable Model Range:	<b>EL-AUR-3150-200</b>

### Inrush current

Specification item	Value	Unit	Condition
Inrush current $I_{peak}$	20.4	A	Input voltage 230V
Inrush current $T_{width}$	195	$\mu$ s	Input voltage 230V, measured at 50% $I_{peak}$
Drivers / MCB 16A type B	$\leq 24$	pcs	Indicative value



MCB	Rating	Relative number of LED drivers
B	4A	25%
B	6A	40%
B	10A	63%
B	13A	81%
B	16A	100% (stated in datasheet)
B	20A	125%
B	25A	156%
B	32A	200%
B	40A	250%
C	4A	42%
C	6A	63%
C	10A	104%
C	13A	135%
C	16A	170%
C	20A	208%
C	25A	260%
C	32A	340%
C	40A	415%

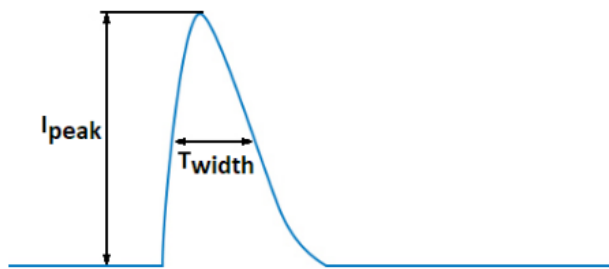
### IMPORTANT:

- 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:	<b>AURELED</b>
Sub-families:	<b>CLARICO DOWN</b>
Applicable Model Range:	<b>EL-AUR-3151-000</b>

### Inrush current

Specification item	Value	Unit	Condition
Inrush current $I_{peak}$	4.4	A	Input voltage 230V
Inrush current $T_{width}$	25	$\mu$ s	Input voltage 230V, measured at 50% $I_{peak}$
Drivers / MCB 16A type B	$\leq 36$	pcs	Indicative value



MCB	Rating	Relative number of LED drivers
B	4A	25%
B	6A	40%
B	10A	63%
B	13A	81%
B	16A	100% (stated in datasheet)
B	20A	125%
B	25A	156%
B	32A	200%
B	40A	250%
C	4A	42%
C	6A	63%
C	10A	104%
C	13A	135%
C	16A	170%
C	20A	208%
C	25A	260%
C	32A	340%
C	40A	415%

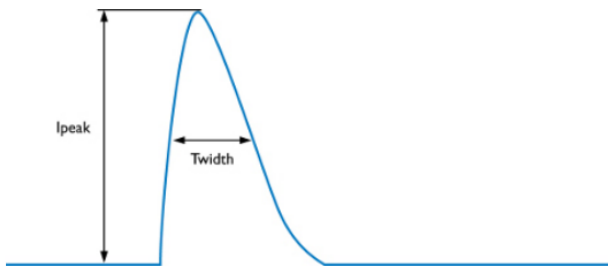
### IMPORTANT:

- 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:	<b>AURELED</b>
Sub-families:	<b>CLARICO DOWN</b>
Applicable Model Range:	<b>EL-AUR-3151-200</b>

**Inrush current**

Specification item	Value	Unit	Condition
Inrush current $I_{peak}$	20.4	A	Input voltage 230V
Inrush current $T_{width}$	195	$\mu s$	Input voltage 230V, measured at 50% $I_{peak}$
Drivers / MCB 16A type B	$\leq 32$	pcs	



MCB	Rating	Relative number of LED drivers
B	10A	63%
B	13A	81%
B	16A	100% (stated in datasheet)
B	20A	125%
B	25A	156%
C	10A	104%
C	13A	135%
C	16A	170%
C	20A	208%
C	25A	260%

**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.