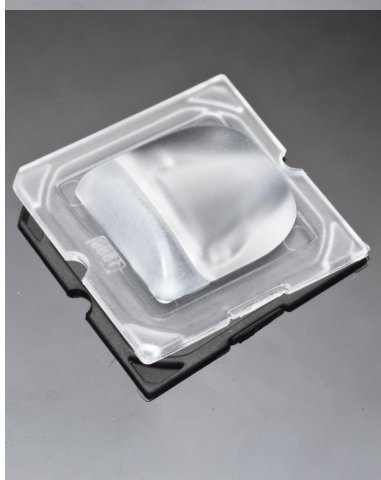


**Ordering number C11889\_STRADA-SQ-T-DN**

Family	Strada-SQ	FWHM	Asymmetric degrees
Type	Lens	Efficiency	92 %
LED	XM-L	cd/Im	-
Color	Clear	Gerber File	Available
Diameter	25 + 25 mm		
Height	7.9 mm		
Style	Square		
Optic Material	PMMA		
Holder Material	-		
Fastening	Screw, pin, glue		
Status	Ready		

**Ordering number CA11890\_STRADA-SQ-T-DN**

Family	Strada-SQ	FWHM	Asymmetric degrees
Type	Assembly	Efficiency	92 %
LED	XM-L	cd/Im	-
Color	Clear	Gerber File	Available
Diameter	25 + 25 mm		
Height	8.05 mm		
Style	Square		
Optic Material	PMMA		
Holder Material	-		
Fastening	Screw, pin, tape		
Status	Ready		

**NOTE: The typical divergence will be changed by different color, chip size and chip position tolerance. The typical total divergence is the full angle measured where the luminous intensity is half of the peak value.**



## PRODUCT DATASHEET Strada-SQ series

last update 13/6/2013

### GENERAL INFORMATION

- Product series especially designed & optimized for XM-L series of LEDs.
- Special care taken to make light distribution as uniform as possible.
- Lens material optical grade PMMA with high UV and temperature resistance (105 degrees of Celcius / 220 degrees of Fahrenheit). Allows use of high current and temperature conditions.

Please find more information about used material from below:

[http://ledil.fi/sites/default/files/Documents/Technical/Material/PMMA%20N%20UL94\\_Yellow%20Card.pdf](http://ledil.fi/sites/default/files/Documents/Technical/Material/PMMA%20N%20UL94_Yellow%20Card.pdf)

<http://ledil.fi/sites/default/files/Documents/Technical/Material/PMMA%20N%20PLEXIGLAS-Datasheet.pdf>

- Fastening to heat sink with a PU foam adhesive tape of automotive grade. Please find fastening details by clicking link: [http://www.ledil.com/datasheets/DataSheet\\_TAPE.pdf](http://www.ledil.com/datasheets/DataSheet_TAPE.pdf)

- Fastening to PCB with appropriate adhesive. By clicking link below you can find Ledil recommended glue options.

[http://www.ledil.com/datasheets/DataSheet\\_GLUES.pdf](http://www.ledil.com/datasheets/DataSheet_GLUES.pdf)

**NOTE 1: We advise customer to ensure the suitability and sufficiency of the bond in the end product. For example, mechanical stress, vibration and holes on the surface of the circuit board weaken the strength of the tape.**

**NOTE 2: Assembly to the surface must be made straight, so the tape bonds constant and balanced with fastening surface. Slanted assembly might cause unbalanced bond to the surface. All surfaces where tape is applied must be clean, dry and free from grease and dirt.**

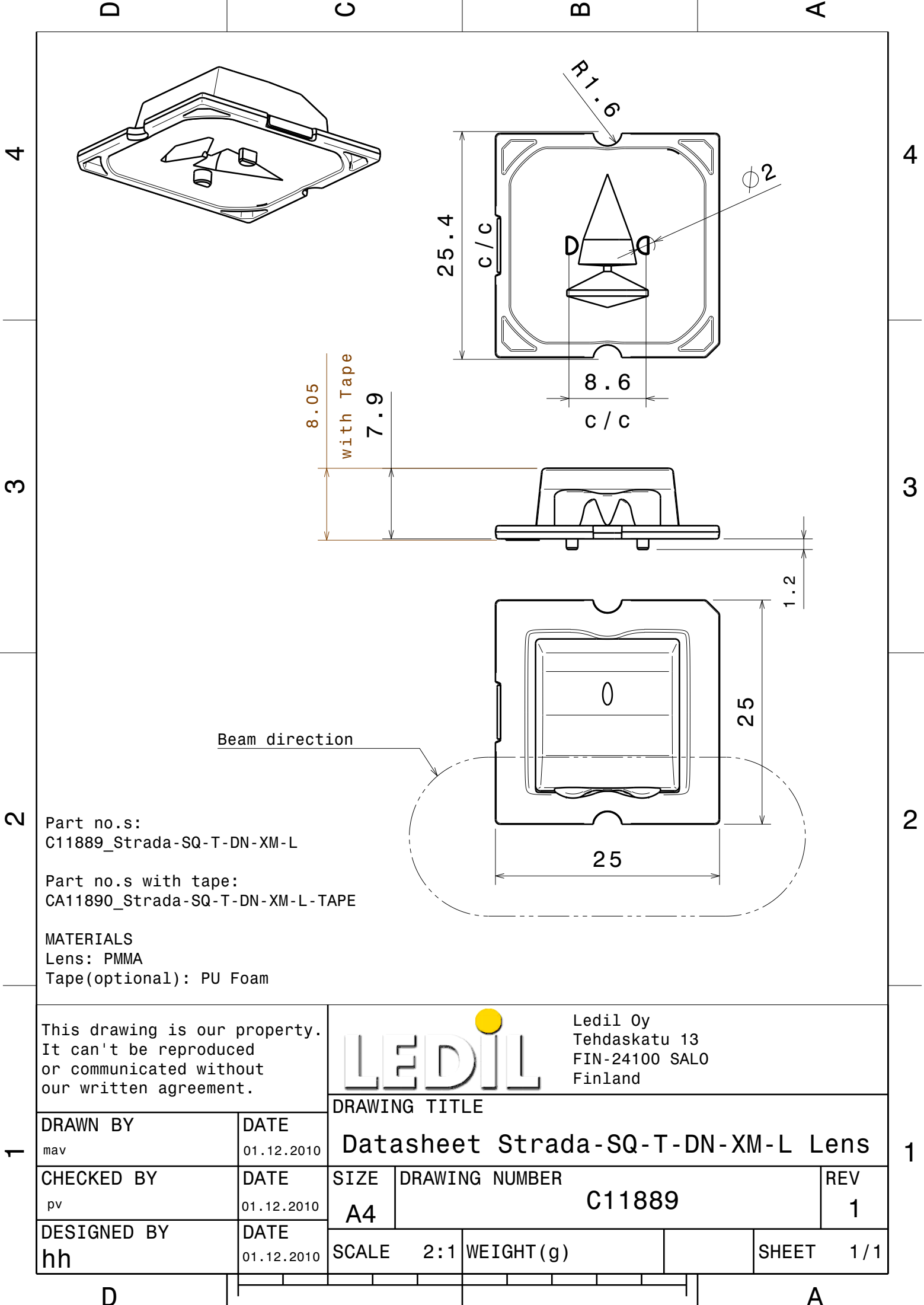
**If cleaning of PCB surfaces is needed, please follow strictly the cleaning instructions of your LED manufacturer - this is important as cleaning shall under no circumstances damage LEDs or other electronics components on the PCB.**

**Further note that optical components shall not be cleaned with any chemicals - only micro fiber cloth may be used to remove fingerprints or other traces from handling.**

**NOTE 1: We advise customer to ensure the suitability and sufficiency of the bond in the end product. For example, mechanical stress, vibration and holes on the surface of the circuit board weaken the strength of the glue.**

**NOTE 2: All surfaces where glue is applied must be clean, dry and free from grease and dirt. If cleaning of PCB surfaces is needed, please follow strictly the cleaning instructions of your LED manufacturer -this is important as cleaning shall under no circumstances damage LEDs or other electronics components on the PCB.**

**Further note that optical components shall not be cleaned with any chemicals - only micro fiber cloth may be used to remove fingerprints or other traces from handling.**



Part no.s:  
C11889\_Strada-SQ-T-DN-XM-L

Part no.s with tape:  
CA11890\_Strada-SQ-T-DN-XM-L-TAPE

MATERIALS  
Lens: PMMA  
Tape(optional): PU Foam

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It can't be reproduced  
or communicated without  
our written agreement.



Ledil Oy  
Tehdaskatu 13  
FIN-24100 SALO  
Finland

DRAWING TITLE

Datasheet Strada-SQ-T-DN-XM-L Lens

DRAWN BY  
mav

DATE  
01.12.2010

CHECKED BY  
pv

DATE  
01.12.2010

DESIGNED BY  
hh

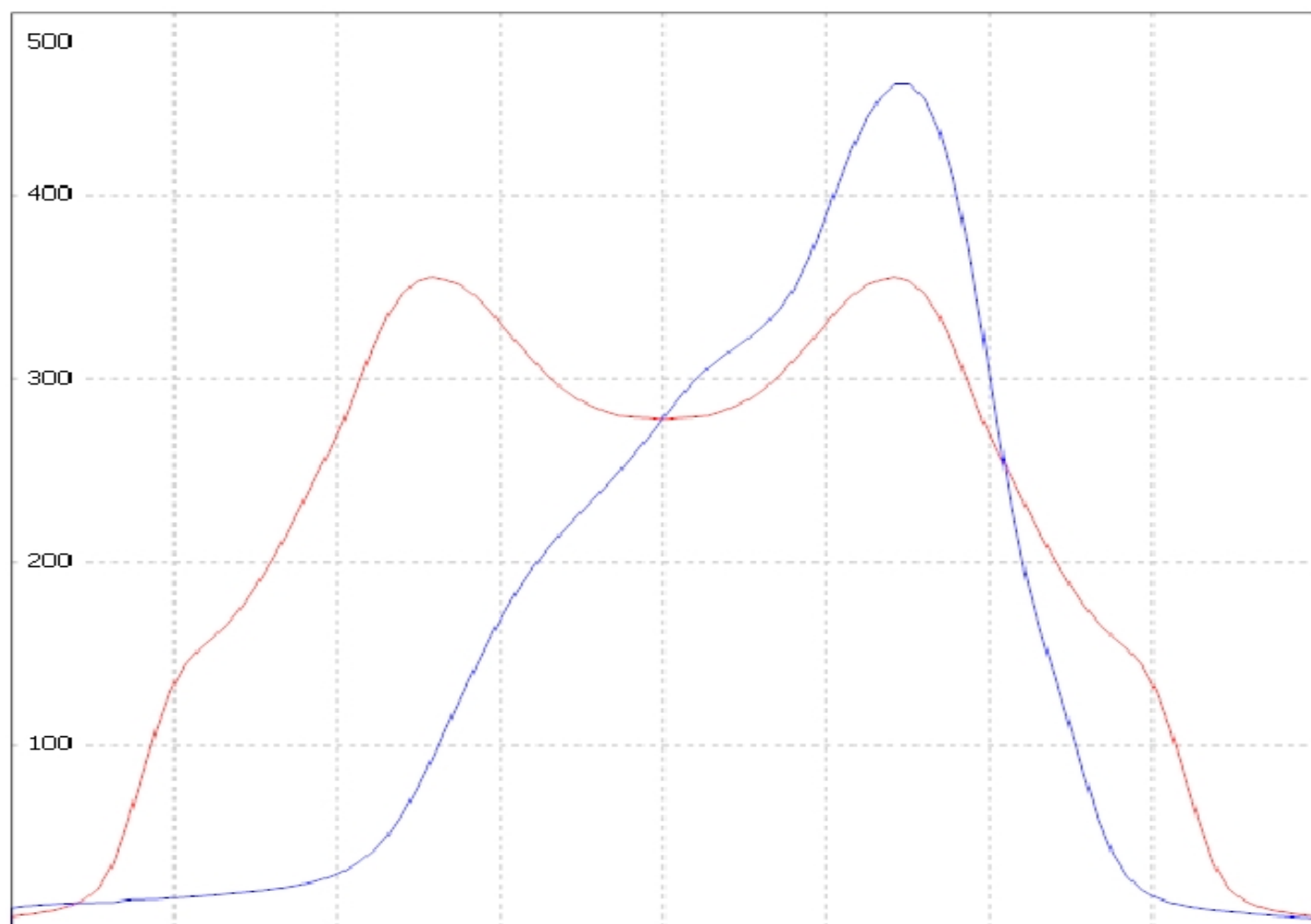
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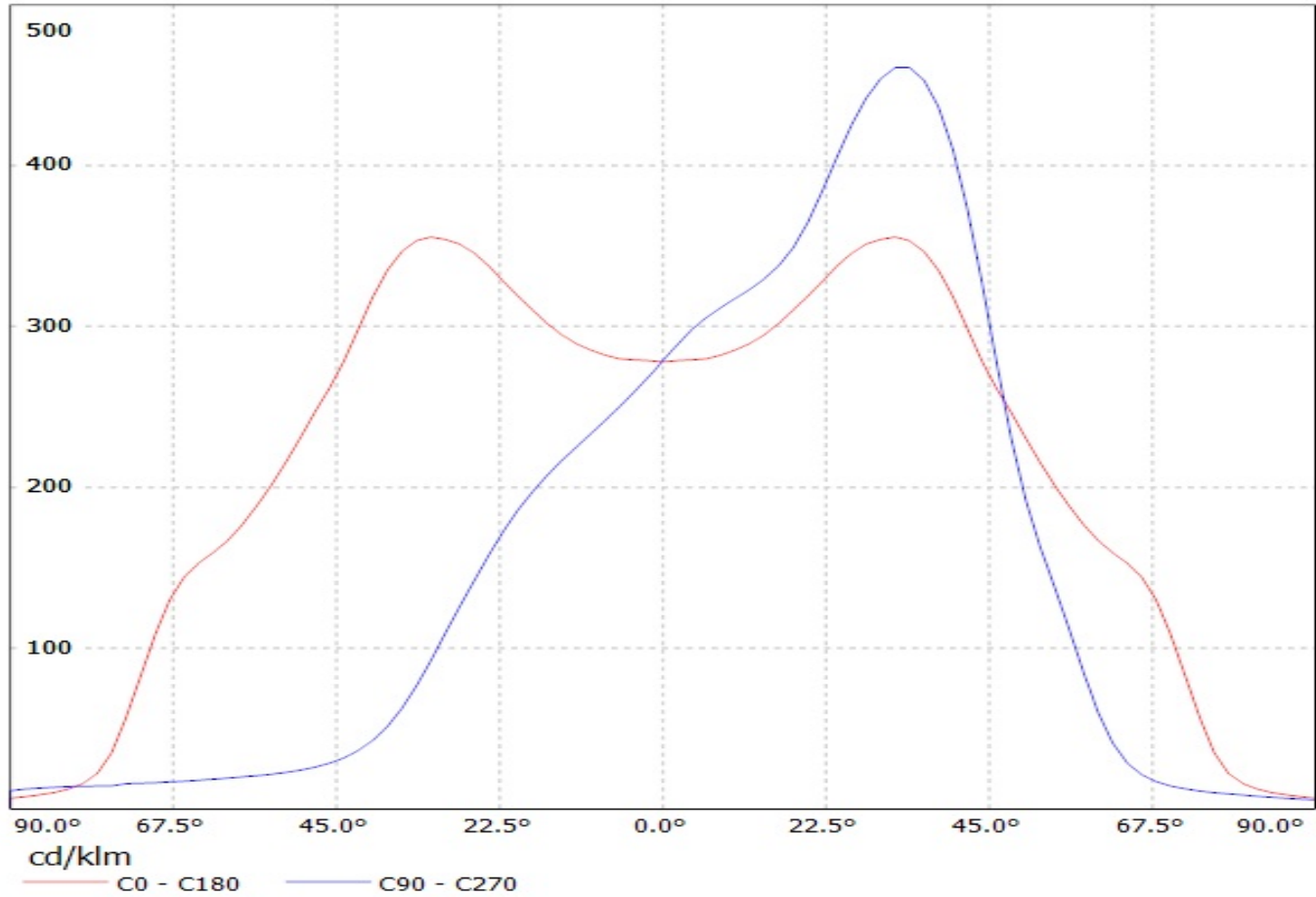
DRAWING NUMBER  
C11889

REV  
1

SCALE 2:1 WEIGHT (g) SHEET 1/1



Luminaire: Ledil Oy CA11890\_Strada-SQ-T-DN-XM-L-TAPE CA11890\_Strada-SQ-T-DN-XM-L-TAPE  
Lamps: 1 x Cree XM-L(White)



Luminaire: Ledil Oy CA11890\_Strada-SQ-T-DN-XM-L-TAPE CA11890\_Strada-SQ-T-DN-XM-L-TAPE  
Lamps: 1 x Cree XM-L(White)

