

**Ordering number C10271_LEDILSTAR-P-S**

Family	LedilStar	FWHM	12 degrees
Type	Lens	Efficiency	(simulated) 0 %
LED	Ostar Projection	cd/Im	-
Color	Clear	Gerber File	Available
Diameter	35 mm		
Height	24.6 mm		
Style	Round		
Optic Material	PMMA		
Holder Material	-		
Fastening	Screw, glue		
Status	Ready		

**Ordering number CP10317_LEDILSTAR-P-SUB**

Family	LedilStar	FWHM	14 degrees
Type	Assembly	Efficiency	(simulated) 0 %
LED	Ostar Projection	cd/Im	-
Color	Clear	Gerber File	Available
Diameter	35 mm		
Height	26.2 mm		
Style	Round		
Optic Material	PMMA		
Holder Material	-		
Fastening	Screw, glue		
Status	Ready		

**Ordering number C10270_LEDILSTAR-P-W**

Family	LedilStar	FWHM	32 degrees
Type	Lens	Efficiency	(simulated) 0 %
LED	Ostar Projection	cd/Im	-
Color	Clear	Gerber File	Available
Diameter	35 mm		
Height	24.6 mm		
Style	Round		
Optic Material	PMMA		
Holder Material	-		
Fastening	Screw, glue		
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

LedilStar series

last update 27/6/2013



GENERAL INFORMATION

- Product series especially designed & optimized for Ostar Projection 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%20PLEXIGLAS-Datasheet.pdf>

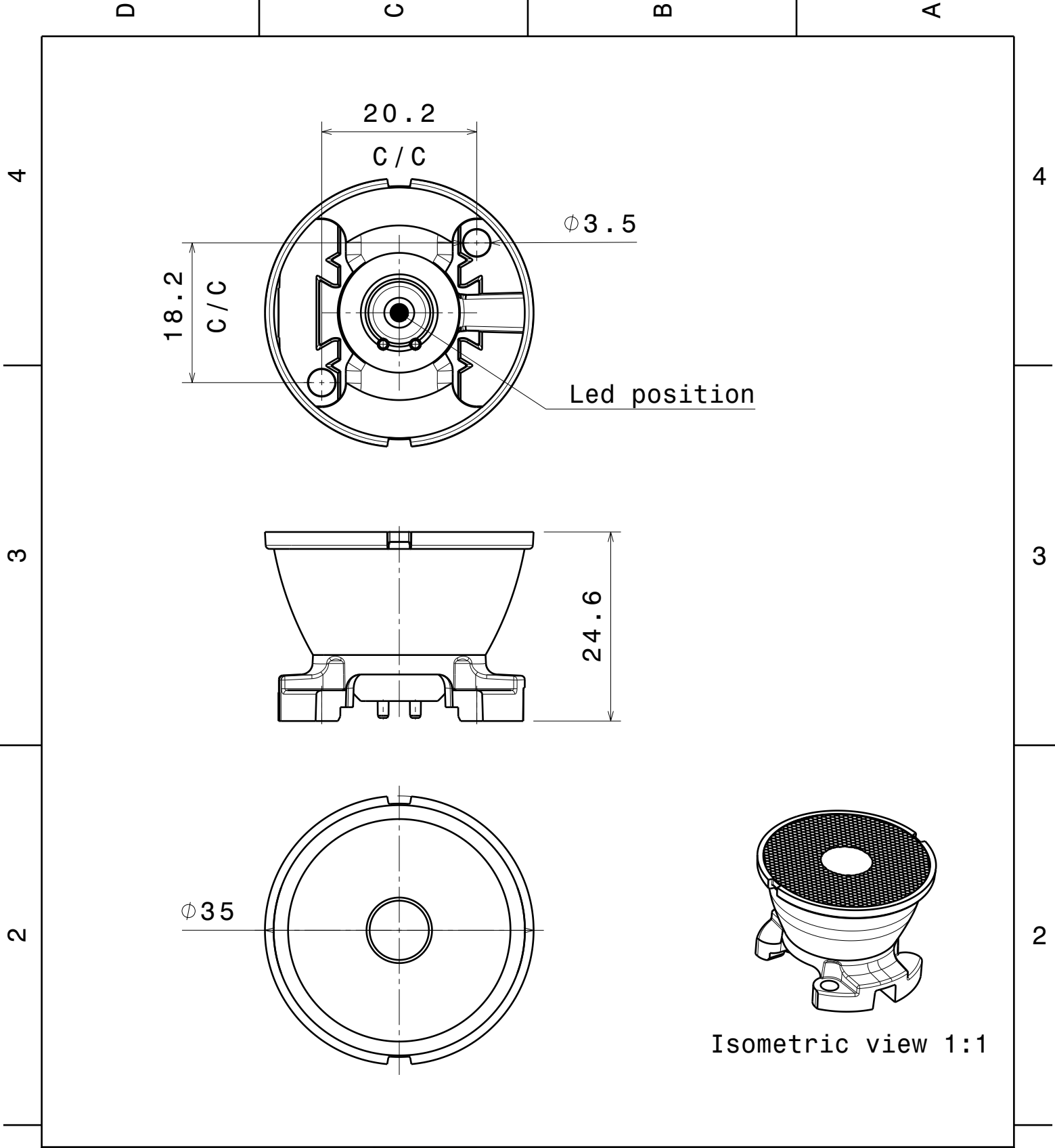
- Fastening to PCB with appropriate adhesive. By clicking link below you can find Ledil recommended glue options.

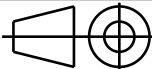
http://www.ledil.com/datasheets/DataSheet_GLUES.pdf

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.

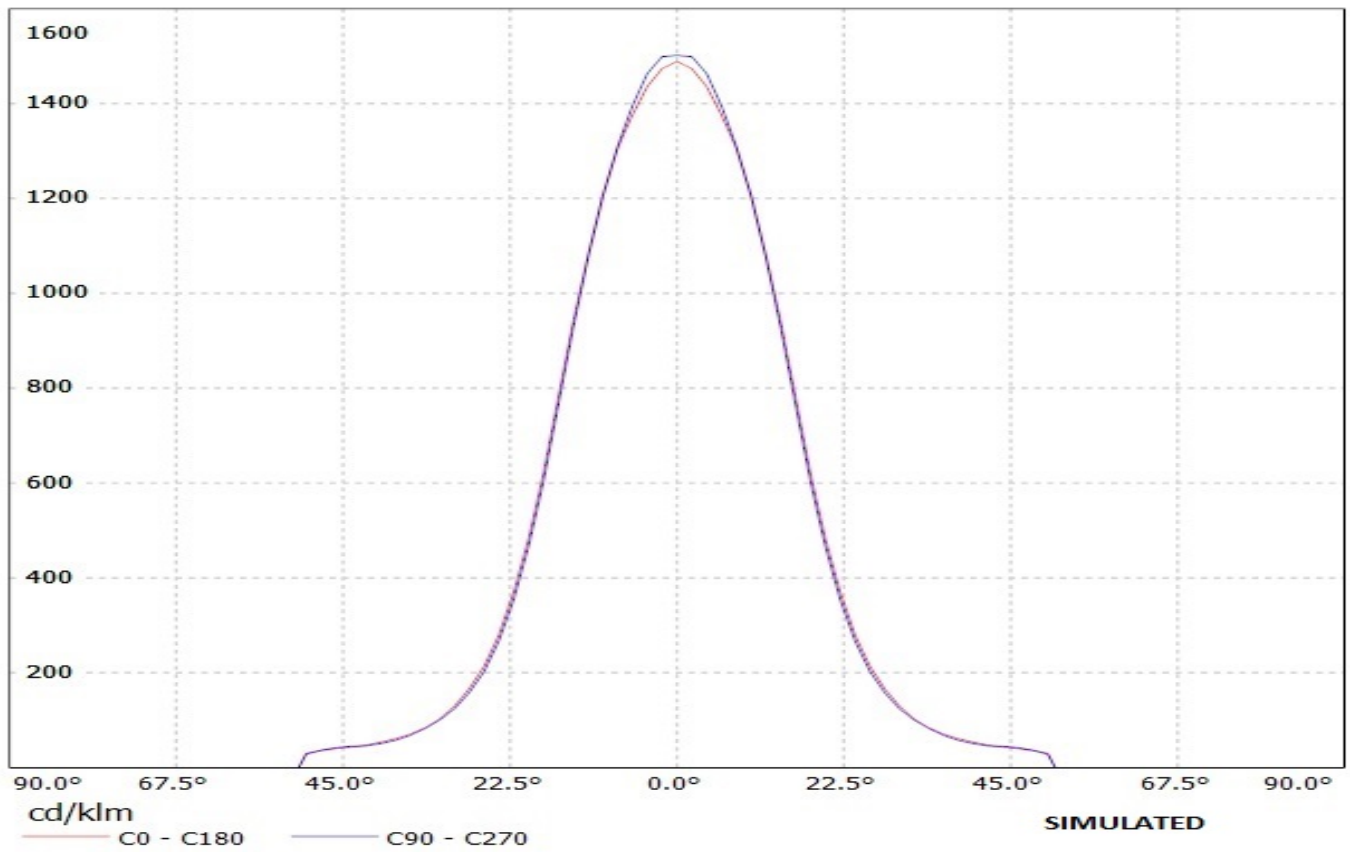


Tolerances if not otherwise shown According to DIN ISO 2768-1 Linear measures: Up to 30mm class F, otherwise class M. According to DIN ISO 2768-2 Form and position: class K		<div>Ledil Oy Salorankatu 10 FIN 24240 SALO Finland</div>			
THIRD ANGLE PROJECTION: 		DRAWING TITLE Datasheet_Ledilstar-P			
This drawing is the property of LEDiL Oy. It may not be reproduced, copied or communicated without a written agreement with LEDiL Oy."		SIZE	PART NUMBER		
		A4	-		
		SCALE	3:2	WEIGHT	-
				SHEET	1 / 1

Ledil Oy CA10317_Ledilstar-P-SUB CA10317_Ledilstar-P-SUB / LDC (Linear)

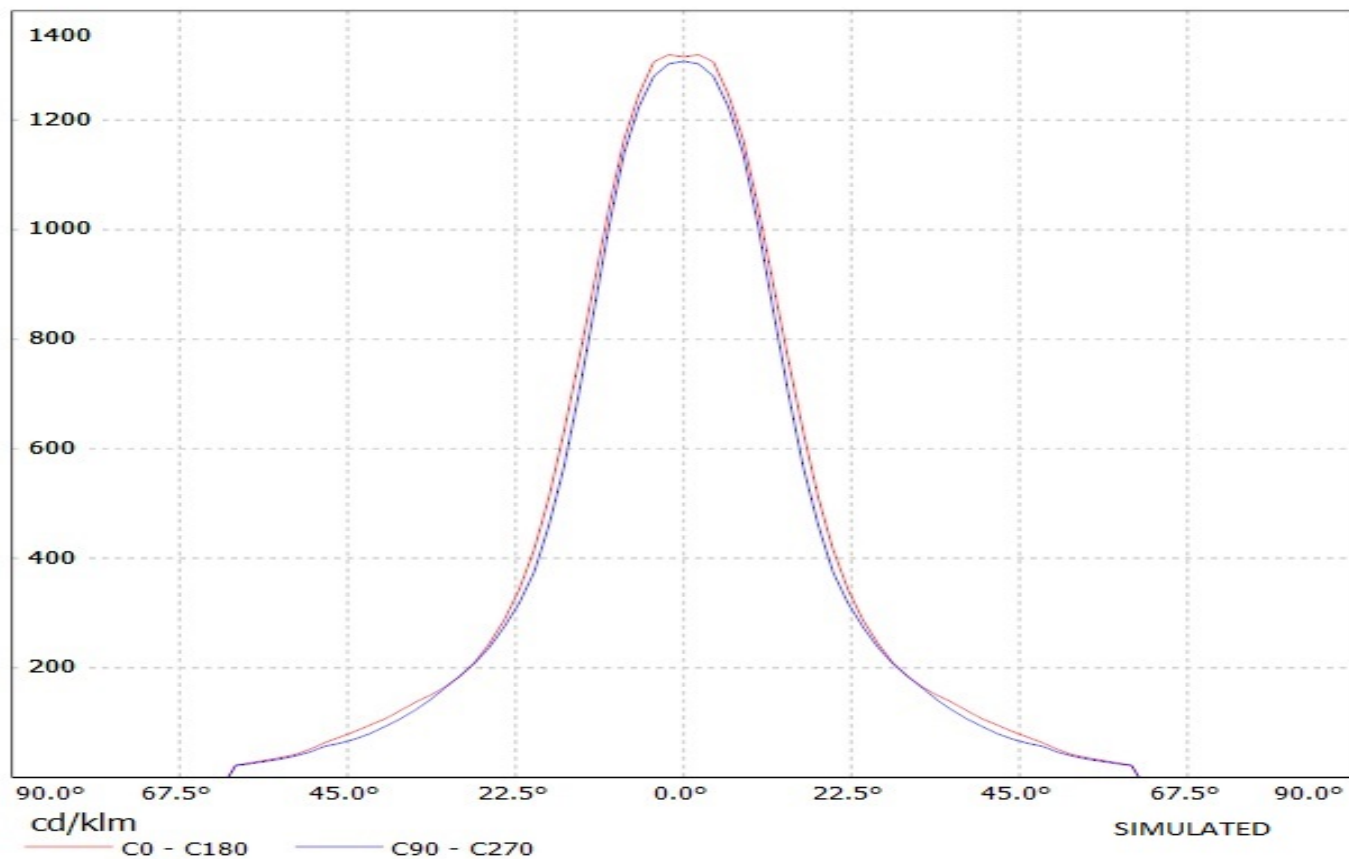
Luminaire: Ledil Oy CA10317_Ledilstar-P-SUB CA10317_Ledilstar-P-SUB

Lamps: 1 x Osram-os Projection (whiř™NA



Ledil Oy C10270_Ledilstar-P-W C10270_Ledilstar-P-W / LDC (Linear)

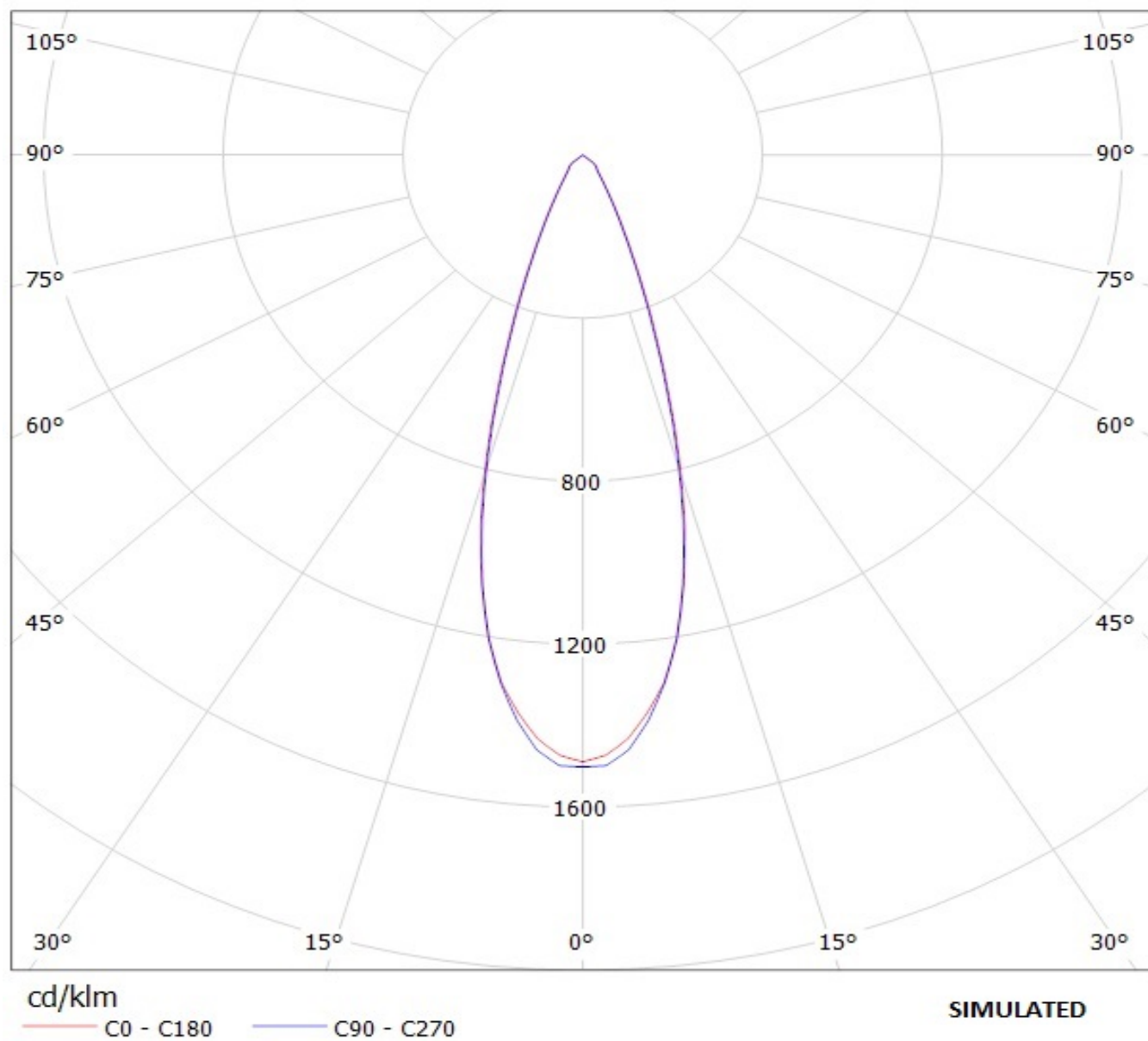
Luminaire: Ledil Oy C10270_Ledilstar-P-W C10270_Ledilstar-P-W
Lamps: 1 x Osram-os Projection (whiTMNA



Ledil Oy CA10317_Ledilstar-P-SUB CA10317_Ledilstar-P-SUB / LDC (Polar)

Luminaire: Ledil Oy CA10317_Ledilstar-P-SUB CA10317_Ledilstar-P-SUB

Lamps: 1 x Osram-os Projection (whiř™ŇA



Ledil Oy C10270_Ledilstar-P-W C10270_Ledilstar-P-W / LDC (Polar)

Luminaire: Ledil Oy C10270_Ledilstar-P-W C10270_Ledilstar-P-W

Lamps: 1 x Osram-os Projection (whiř™ŇA

