

PRODUCT DATASHEET ANGELA series

last update 16/5/2014

DETAILS

Product Number F13663_ANGELA-M-B

Family ANGELA
Type Reflector
Color metal
Diameter 119.5 mm
Height 74.5 mm
Style round
Optic Material PC

Holder Material

Fastening

StatusreadyROHS ComliantYesDate Updated16/05/2014



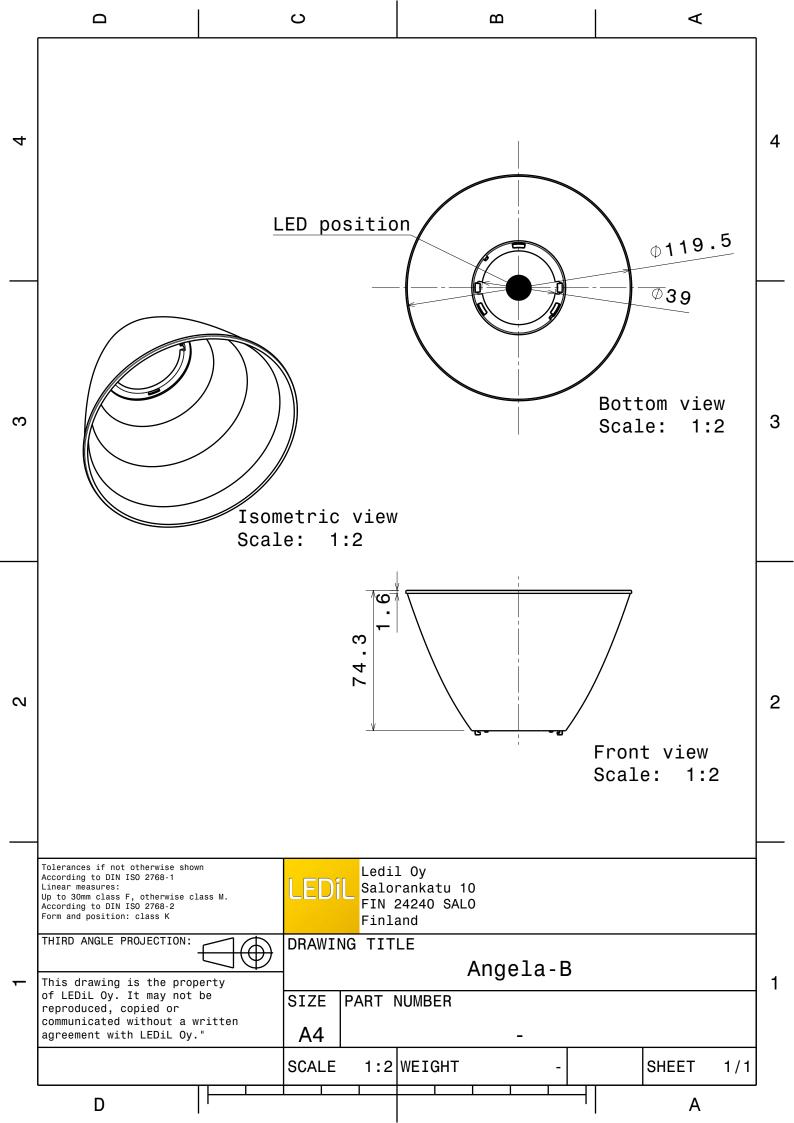
OPTICAL PROPERTIES

LED	Viewing Angle	Light Beam	Efficiency	cd/lm	connector
Soleriq S13	15 degrees		83 %	4.000	8502/G2 A.A.G. STUCCHI
CXM-14	16 degrees		82 %	3.900	Solderless Connector
					47.319.2020 BJB
COB 10W/13W/17W/24W	16 degrees		83 %	3.900	Solderless Connector
					47.319.2080 BJB
BXRA ES Rectangle	16 degrees		82 %	3.690	Solderless Connector
					47.319.2040 BJB
CLL03x/CLU034	16 degrees		83 %	3.800	Solderless Connector
					47.319.2020 BJB
Soleriq S19	17 degrees		83 %	3.400	8503/G2 A.A.G. STUCCHI
Mega Zenigata (GW6DME)	17 degrees		84 %	3.700	Solderless Connector
					47.319.2010 BJB
LUXEON K16	17 degrees		87 %	3.700	Solderless Connector
					47.319.2070 BJB
LUXEON K12	17 degrees		87 %	3.700	Solderless Connector
					47.319.2070 BJB
Soleriq S19	18 degrees		83 %	3.380	Solderless Connector
					47.319.2170 BJB
Soleriq E30	20 degrees		81 %	2.900	Solderless Connector
					47.319.2090 BJB
CLL04x/CLU044	21 degrees		81 %	2.730	Solderless Connector
					47.319.2030 BJB
CXM-22	22 degrees		81 %	2.500	Solderless Connector
					47.319.2030 BJB
-ZC25/40	23 degrees		81 %	2.700	Solderless Connector

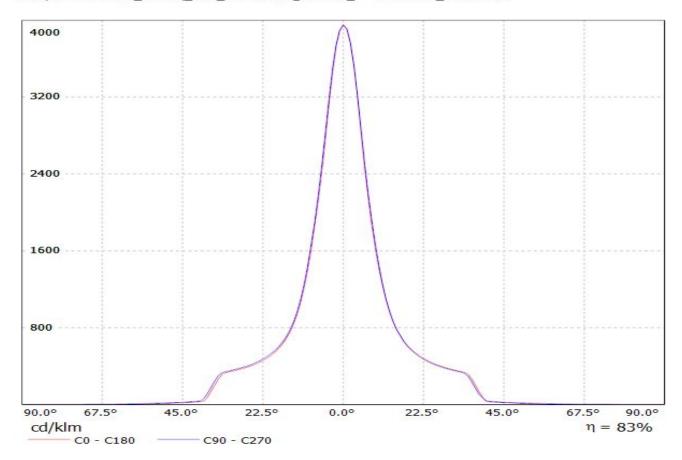
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Ledil Oy Salorankatu 10 24240 SALO Finland

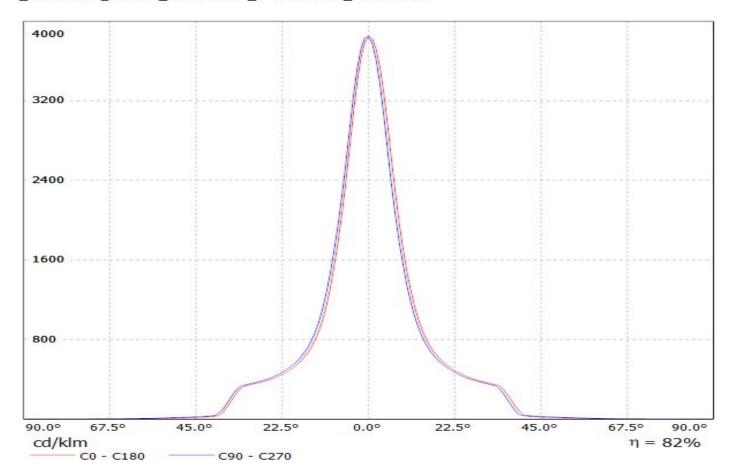
http://www.ledil.com email: ledil@ledil.com FAX: +358-2-733 8001

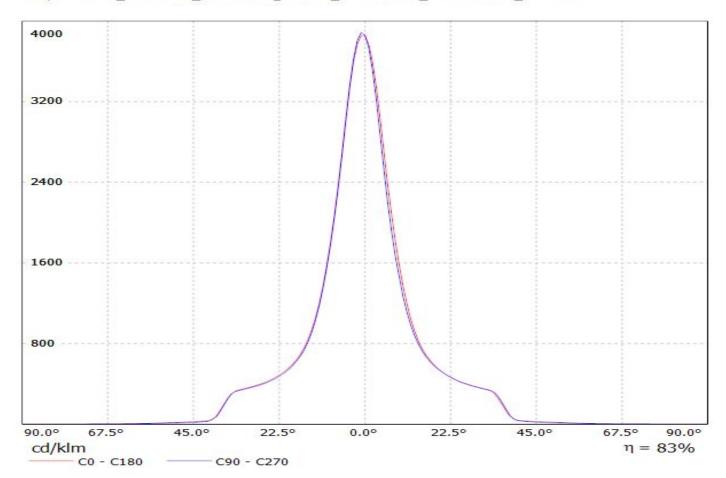


Luminaire: LEDiL Oy F13663_ANGELA-M-B_(S13) Eff.83.2% Lamps: 1 x Osram_Soleriq_S13_901.003lm@250mA_P=7.48151W_l=249.9mA

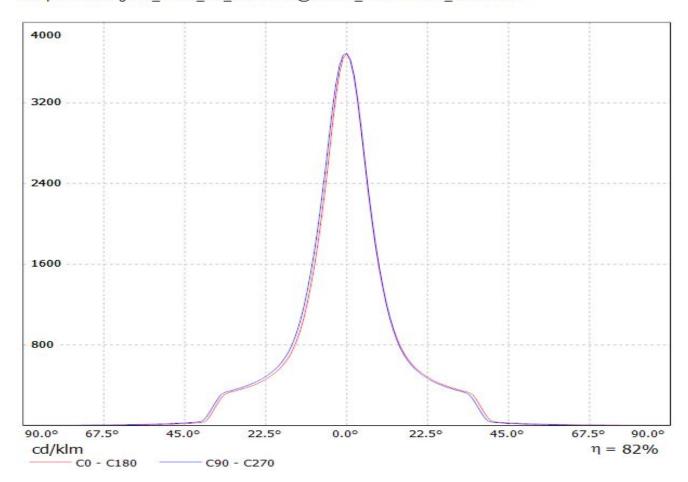


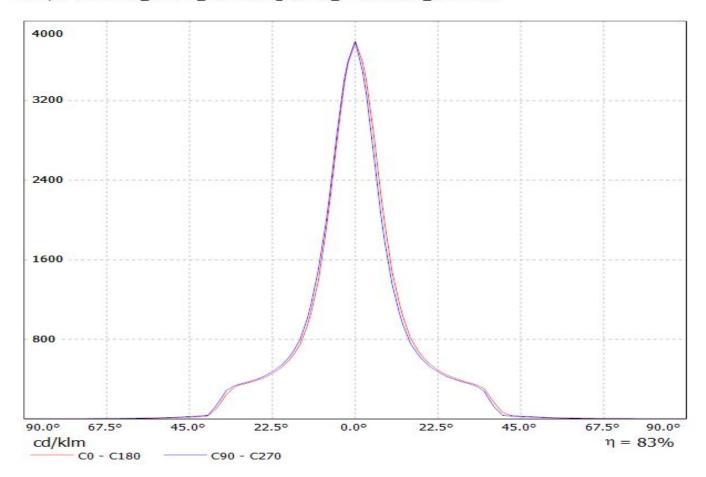
Luminaire: LEDiL Oy F13663_ANGELA-M-B_(CXM-14) Lamps: 1 x LUMINUS_XNOVA_CXM-14_(AC00) _1049.18Im@250mA_CCT=3126K_P=8.31834W_I=249.8mA

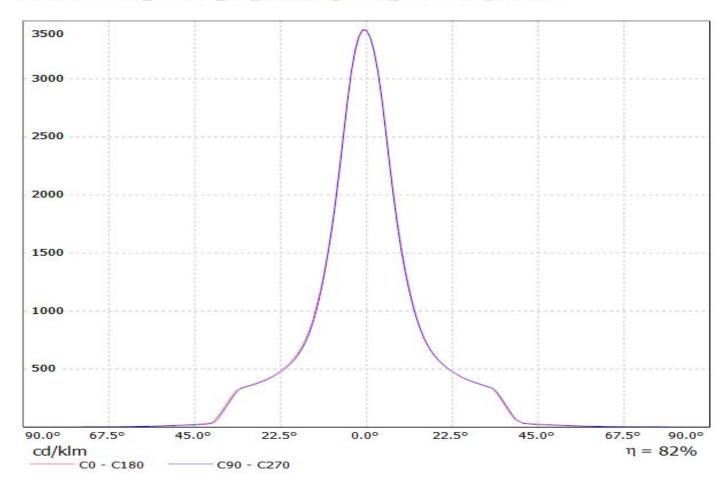


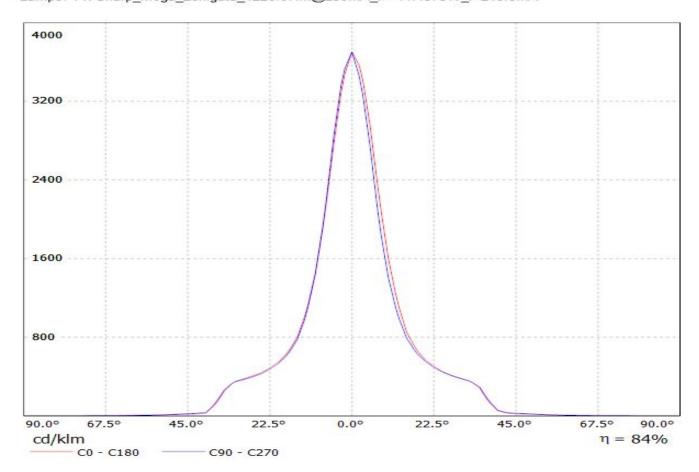


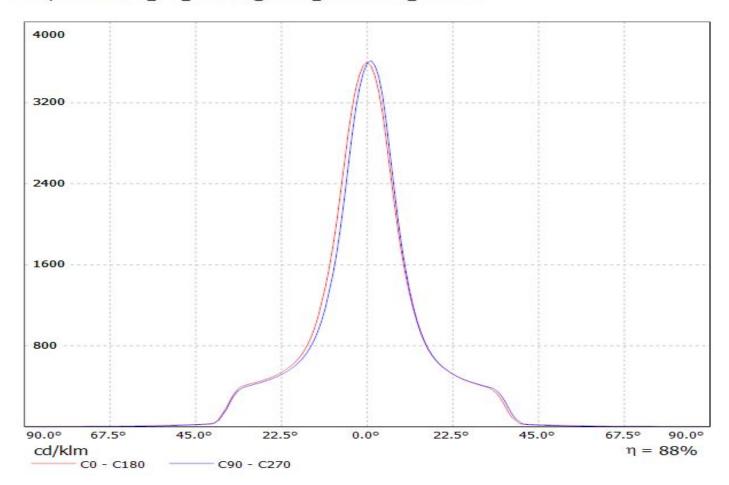
Luminaire: LEDiL Oy F13663_ANGELA-M-B_(BXRA_ES) Eff.82.2% Lamps: 1 x Bridgelux_BXRA_ES_287.055Im@250mA_P=4.09486W_l=249.9mA

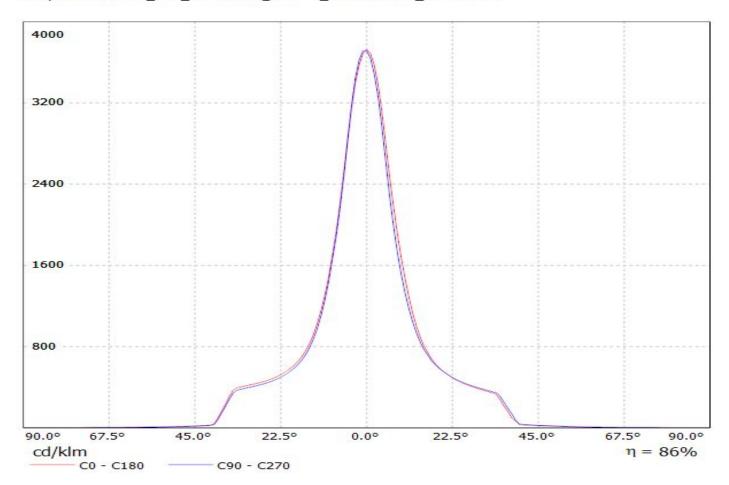




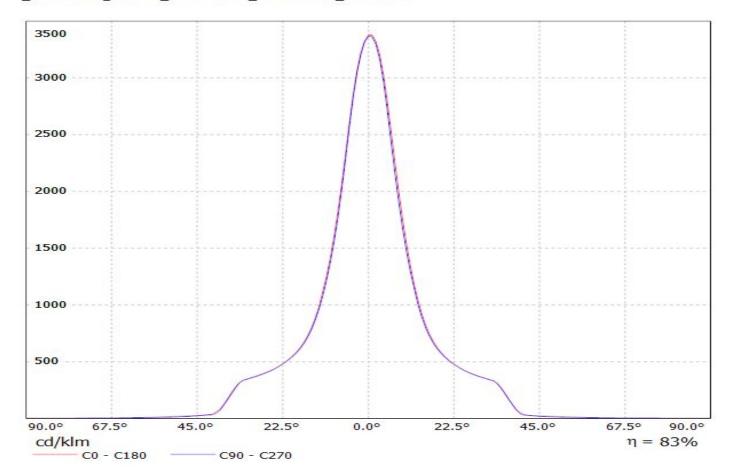


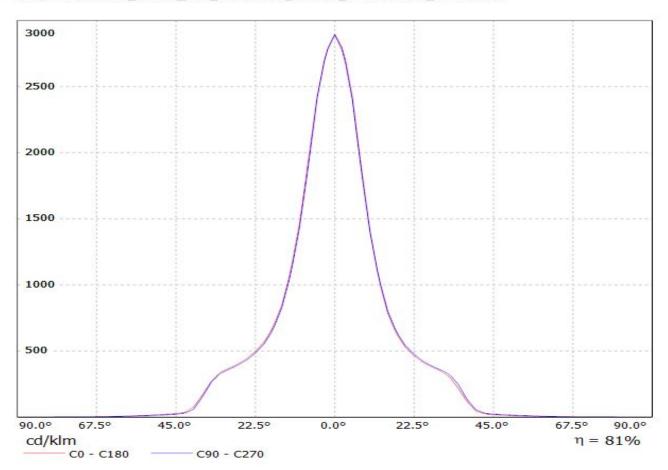


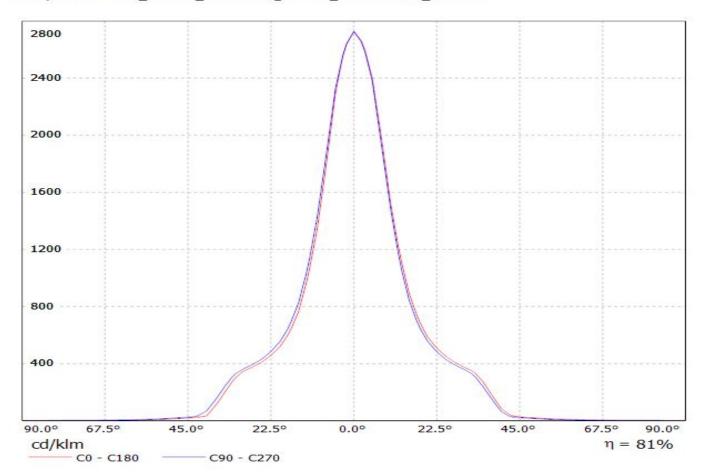


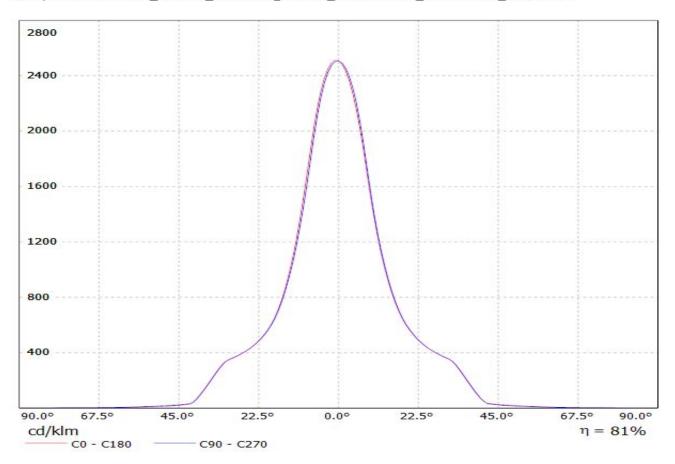


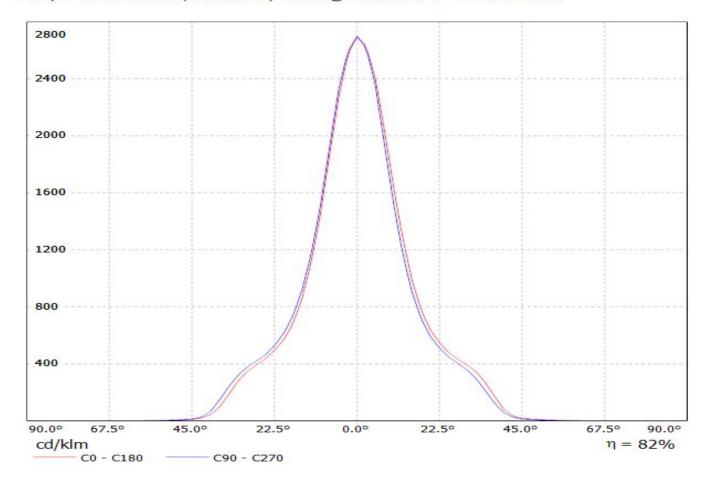
Luminaire: LEDiL Oy F13663_ANGELA-M-B_(Soleriq S19) Eff.82.6% Lamps: 1 x OSRAM_SOLERIQ_S19_(GW_KAHJB1.EM) _1445.44Im@250mA_CCT=3000K_P=10.558W_I=249.8mA



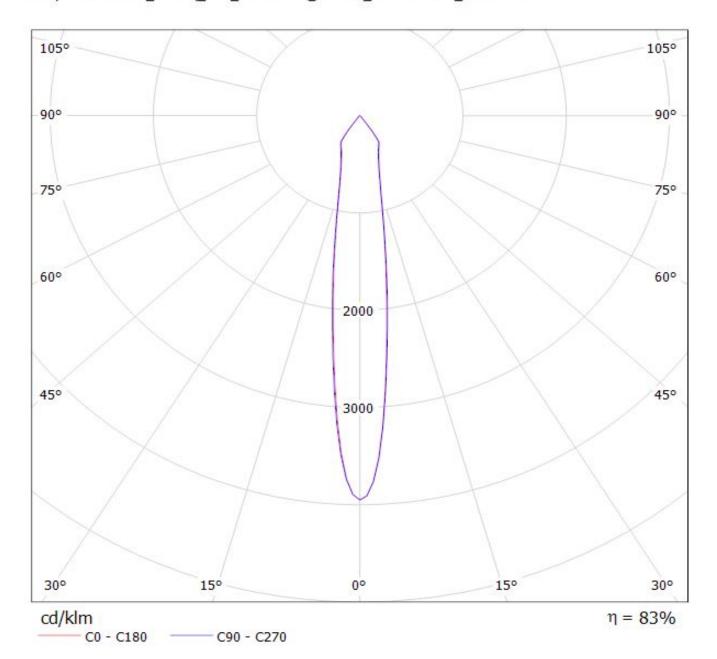






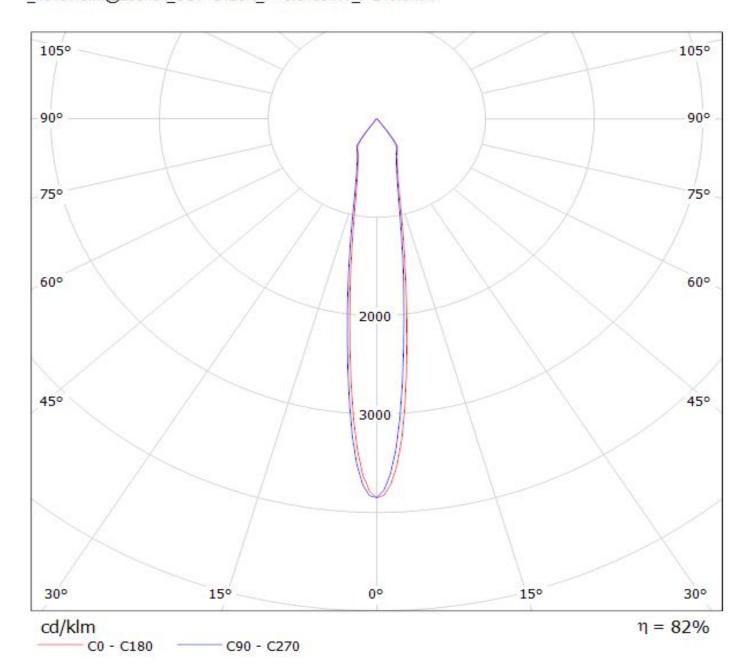


Luminaire: LEDiL Oy F13663_ANGELA-M-B_(S13) Eff.83.2% Lamps: 1 x Osram_Soleriq_S13_901.003lm@250mA_P=7.48151W_I=249.9mA

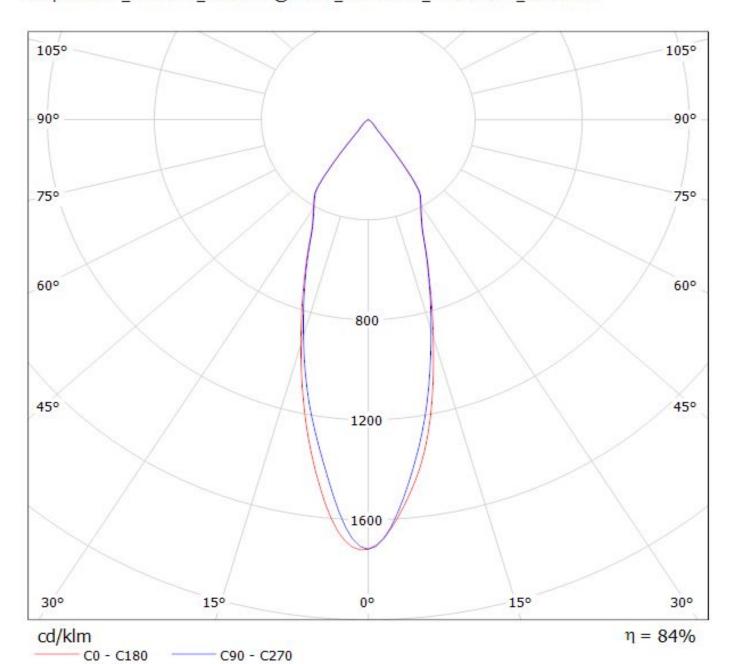


Luminaire: LEDiL Oy F13663_ANGELA-M-B_(CXM-14) Lamps: 1 x LUMINUS_XNOVA_CXM-14_(AC00)

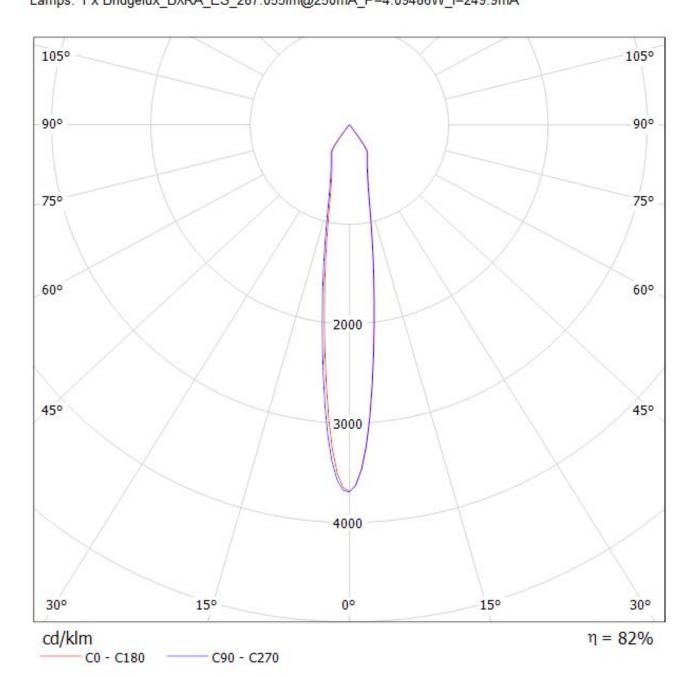
_1049.18lm@250mA_CCT=3126K_P=8.31834W_I=249.8mA



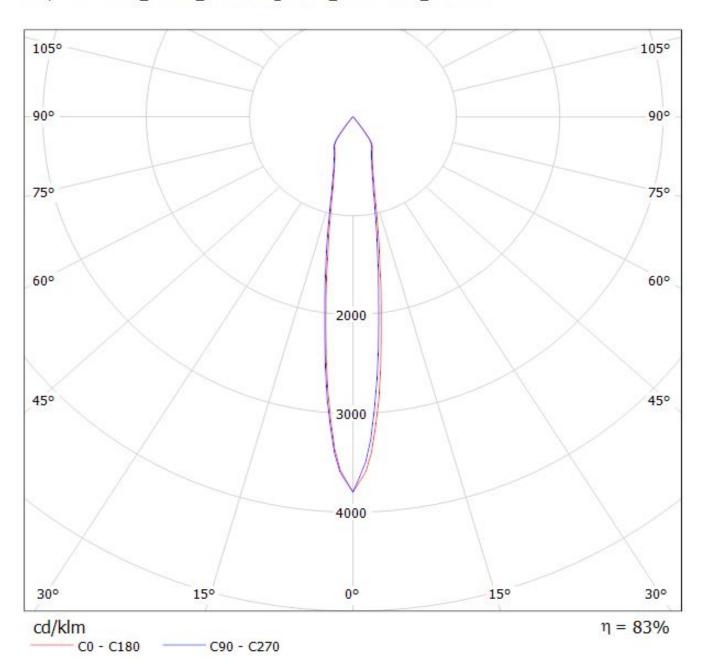
Luminaire: LEDiL Oy F13664_ANGELA-W-B_(COB-10W) Eff.84.0% Lamps: 1 x LG_COB-10W_1065.85Im@250mA_CCT=5090K_P=9.10871W_I=249.8mA



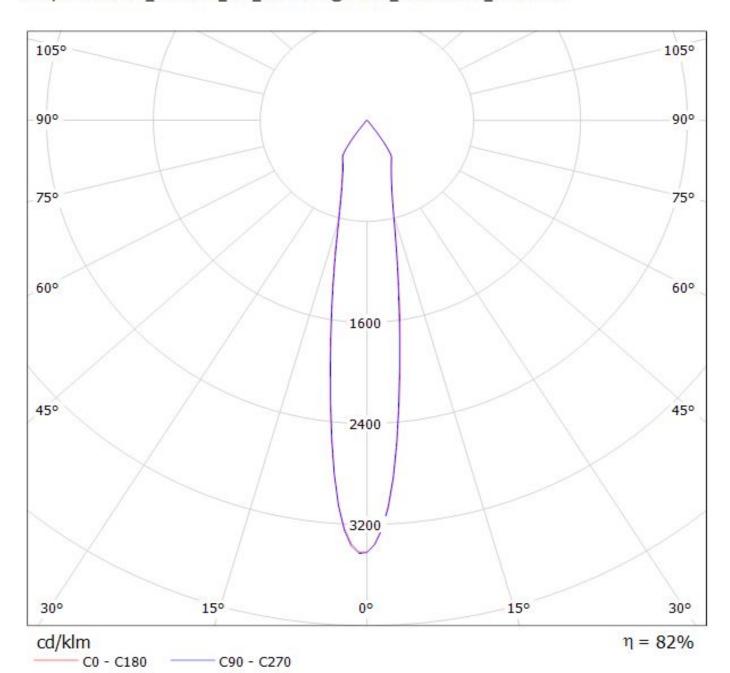
Luminaire: LEDiL Oy F13663_ANGELA-M-B_(BXRA_ES) Eff.82.2% Lamps: 1 x Bridgelux_BXRA_ES_287.055lm@250mA_P=4.09486W_I=249.9mA



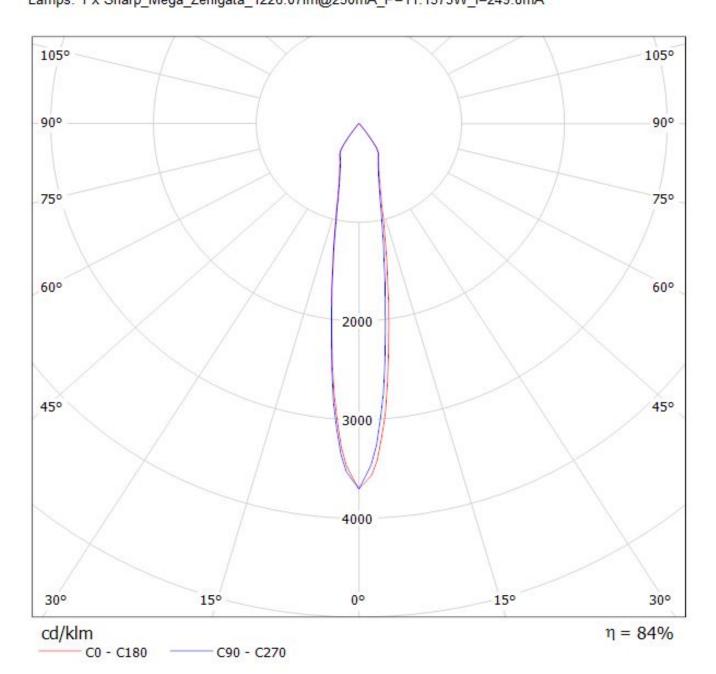
Luminaire: LEDiL Oy F13663_ANGELA-M-B_(CLL030) Eff.82.7% Lamps: 1 x Citizen_CLL030_1040.57lm@250mA_P=8.45923W_l=249.8mA



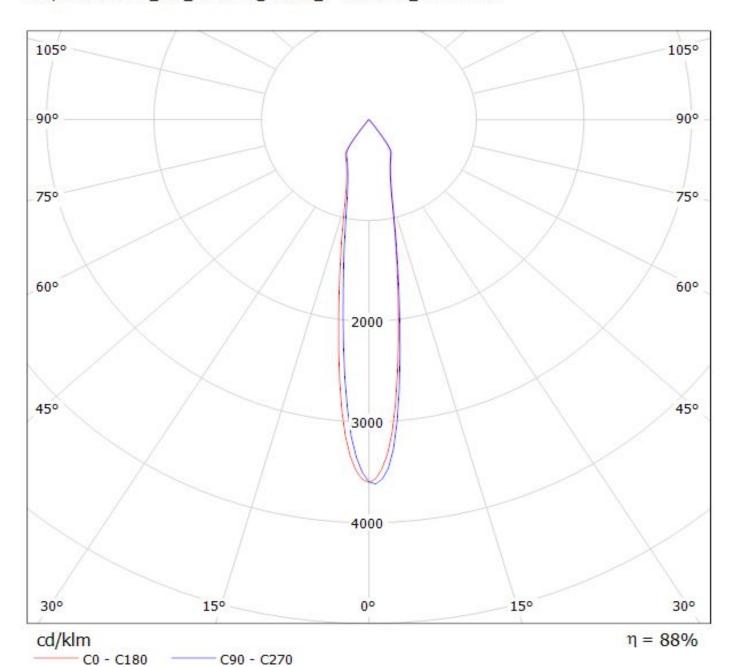
Luminaire: LEDiL Oy F13663_ANGELA-M-B_(S19) Eff.82.6% Lamps: 1 x Osram_SOLERIQ_S19_1434.85Im@250mA_P=10.5595W_I=249.8mA



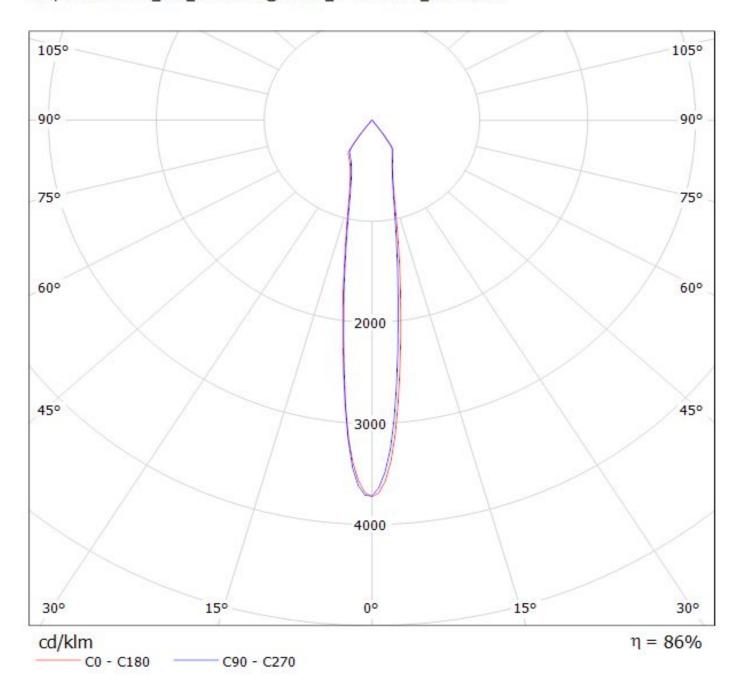
Luminaire: LEDiL Oy F13663_ANGELA-M-B_(MZ) Eff.84.3% Lamps: 1 x Sharp_Mega_Zenigata_1226.07lm@250mA_P=11.1573W_I=249.8mA



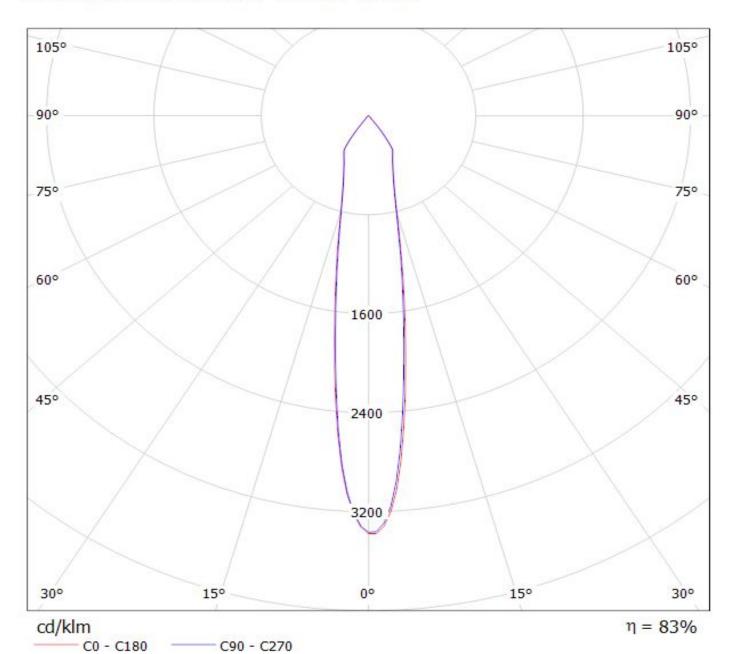
Luminaire: LEDiL Oy F13663_ANGELA-M-B_(K16) Eff.87.9% Lamps: 1 x Luxeon_K16_1224.2Im@250mA_P=10.8991W_U=249.9mA



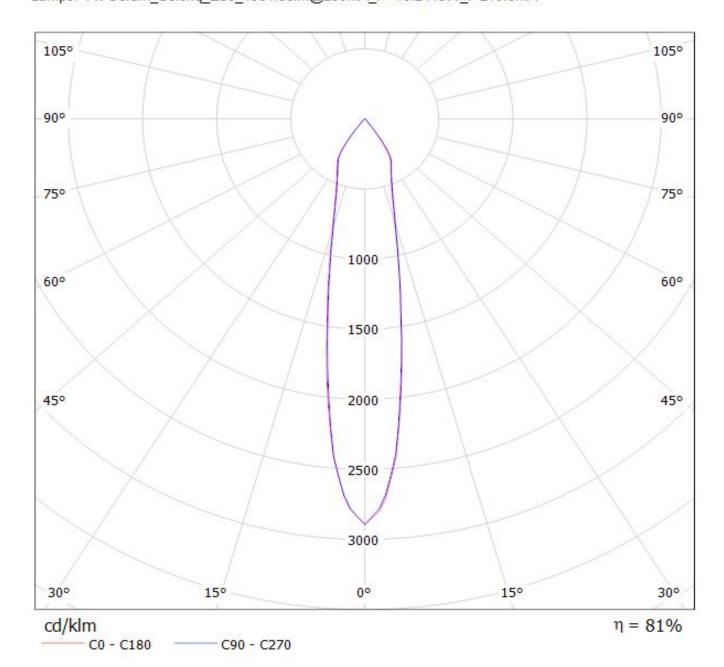
Luminaire: LEDiL Oy F13663_ANGELA-M-B_(K12) Eff.86.5% Lamps: 1 x Luxeon_K12_933.514Im@250mA_P=8.21721W_I=249.9mA



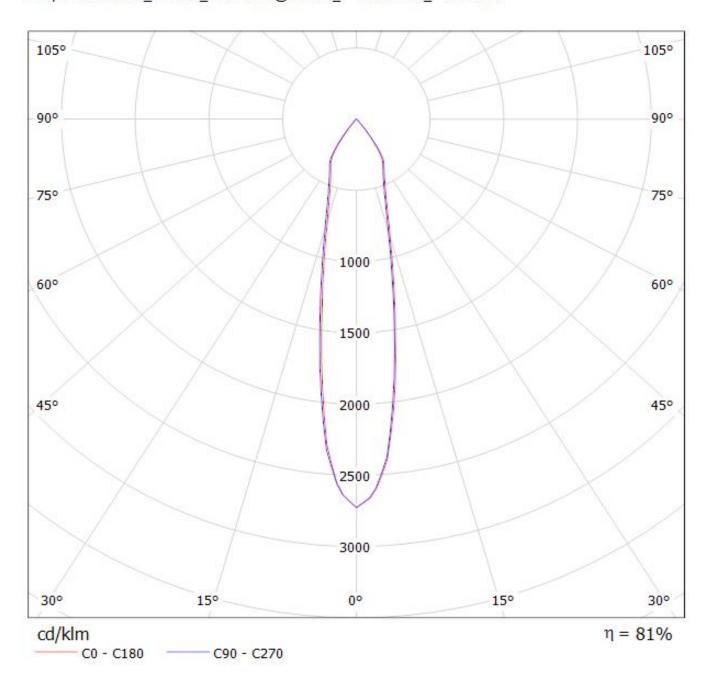
Luminaire: LEDiL Oy F13663_ANGELA-M-B_(Soleriq S19) Eff.82.6% Lamps: 1 x OSRAM_SOLERIQ_S19_(GW_KAHJB1.EM) _1445.44lm@250mA_CCT=3000K_P=10.558W_l=249.8mA



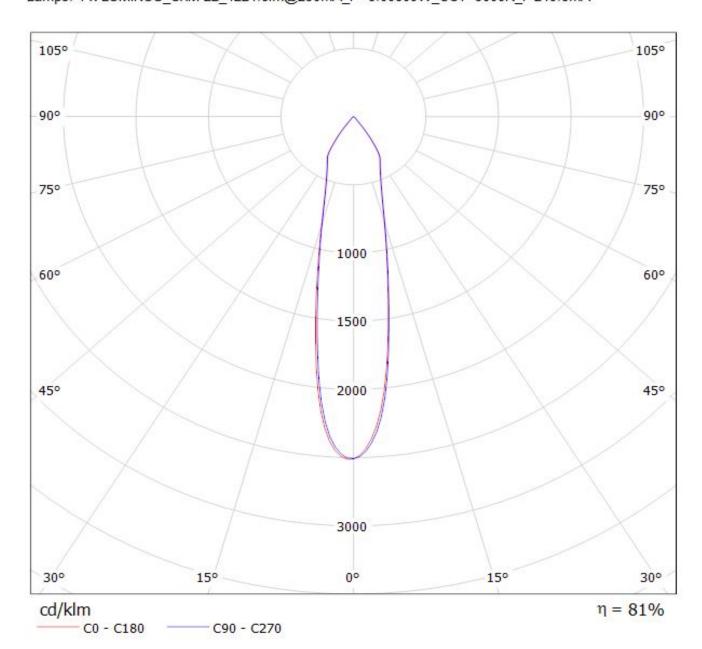
Luminaire: LEDiL Oy F13663_ANGELA-M-B_(E30) Eff.80.7% Lamps: 1 x Osram_Soleriq_E30_1364.86Im@250mA_P=10.2445W_I=249.8mA

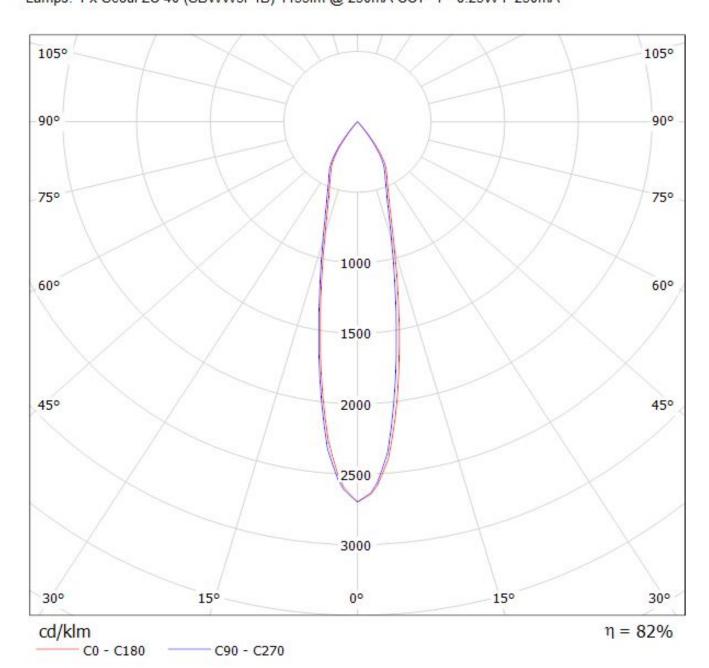


Luminaire: LEDiL Oy F13663_ANGELA-M-B_(CLL040) Eff.81.0% Lamps: 1 x Citizen_CLL040_1011.32Im@250mA_P=8.24545W_I=249.9mA



Luminaire: LEDiL Oy F13663_ANGELA-M-B_(CXM-22) Eff.80.7% Lamps: 1 x LUMINUS_CXM-22_1221.8Im@250mA_P=8.00809W_CCT=3000K_I=249.8mA





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.

GENERAL INFORMATION

- Product series especially designed & optimized for series of LEDs.
- Special care taken to make light distribution as uniform as possible.
- Reflector is made of aluminium coated PC (120 degrees of Celcius / 248 degrees of Fahrenheit) with protective lacquer (short term 100 degrees of Celcius / 212 degrees of Fahrenheit).

Note! Due to use of high power COB's with this product, special attention to proper thermal design is highly recommended. LEDiL has no liability for direct, indirect or consecutive damages arising from the LEDiL products being used outside of the recommended temperature range.