

规格书 Specifications

WT-75@36-XXCOBL14-Y1



莹光系列
High penetration series



镜片材料 PC 温度-40°C~+90°C

透光率 400nm~900nm>90%

需要LF, 用温和的水和软布清洁镜片。

切勿在镜片上酒精及使用任何商业清洁溶剂。

请戴手套处理或安装镜片, 皮肤油脂可能会损坏镜片或其光学特性。

Lens material PC working temperature:-40°C~+90°C

If necessary,Clean lenses with water or wet softcloth.

Never use any commercial cleaning solvents on lenses as alcohol.

When assembly, wearing gloves please,skin oils may damage lens or affect optical characterisitic.

莹光系列 | High penetration series

WT-20@10-15COBL3-Y1	φ19.8×9.48mm	15°	WT-25@12-15COBL4-Y1	φ24.8×12.5mm	15°	WT-25@12-15COBL4-Y2	φ24.8×12.5mm	15°
WT-20@10-24COBL3-Y1	φ19.8×9.48mm	24°	WT-25@12-24COBL4-Y1	φ24.8×12.5mm	24°	WT-25@12-24COBL4-Y2	φ24.8×12.5mm	24°
WT-20@10-36COBL3-Y1	φ19.8×9.48mm	36°	WT-25@12-36COBL4-Y1	φ24.8×12.5mm	36°	WT-25@12-36COBL4-Y2	φ24.8×12.5mm	36°
WT-20@10-50COBL3-Y1	φ19.8×9.48mm	50°				WT-25@12-60COBL4-Y2	φ24.8×12.5mm	50°
WT-29@14-15COBL6-Y1	φ28.8×14.5mm	15°	WT-35@17-10COBL3-Y1	φ34.8×13.85mm	10°	WT-35@17-15COBL6-Y2	φ34.8×17.55mm	15°
WT-29@14-24COBL6-Y1	φ28.8×14.5mm	24°	WT-35@17-15COBL6-Y1	φ34.8×17.55mm	15°	WT-35@17-24COBL6-Y2	φ34.8×17.55mm	24°
WT-29@14-36COBL6-Y1	φ28.8×14.5mm	36°	WT-35@17-24COBL6-Y1	φ34.8×17.55mm	24°	WT-35@17-36COBL6-Y2	φ34.8×17.55mm	36°
WT-29@14-50COBL6-Y1	φ28.8×14.5mm	50°	WT-35@17-36COBL6-Y1	φ34.8×17.55mm	36°	WT-35@17-50COBL6-Y2	φ34.8×17.55mm	50°
WT-40@20-10COBL6-Y1	φ39.8×20mm	10°	WT-45@22-10COBL6-Y1	φ44.8×17.75mm	10°	WT-50@24-10COBL9-Y1	φ49.8×19.05mm	10°
WT-40@20-15COBL6-Y1	φ39.8×20mm	15°	WT-45@22-15COBL9-Y1	φ44.8×19.05mm	15°	WT-50@24-15COBL9-Y1	φ49.8×20.28mm	15°
WT-40@20-24COBL6-Y1	φ39.8×20mm	24°	WT-45@22-24COBL9-Y1	φ44.8×22.5mm	24°	WT-50@24-24COBL9-Y1	φ49.8×23.85mm	24°
WT-40@20-36COBL6-Y1	φ39.8×20mm	36°	WT-45@22-36COBL9-Y1	φ44.8×22.5mm	36°	WT-50@24-36COBL9-Y1	φ49.8×23.85mm	36°
WT-40@20-50COBL6-Y1	φ39.8×20mm	50°	WT-45@22-50COBL9-Y1	φ44.8×22.5mm	50°	WT-50@24-50COBL9-Y1	φ49.8×23.85mm	50°
WT-55@26-15COBL11-Y1	φ54.8×26.25mm	15°	WT-62@30-15COBL11-Y1	φ61.8×29.6mm	15°	WT-68@33-15COBL11-Y1	φ67.8×32.5mm	15°
WT-55@26-24COBL11-Y1	φ54.8×26.25mm	24°	WT-62@30-24COBL11-Y1	φ61.8×29.6mm	24°	WT-68@33-24COBL11-Y1	φ67.8×32.5mm	24°
WT-55@26-36COBL11-Y1	φ54.8×26.25mm	36°	WT-62@30-36COBL11-Y1	φ61.8×29.6mm	36°	WT-68@33-36COBL11-Y1	φ67.8×32.5mm	36°
WT-55@26-50COBL11-Y1	φ54.8×26.25mm	50°	WT-62@30-50COBL11-Y1	φ61.8×29.6mm	50°	WT-68@33-50COBL11-Y1	φ67.8×32.5mm	50°
WT-75@36-15COBL14-Y1	φ74.8×35.8mm	15°						
WT-75@36-24COBL14-Y1	φ74.8×35.8mm	24°						
WT-75@36-36COBL14-Y1	φ74.8×35.8mm	36°						
WT-75@36-50COBL14-Y1	φ74.8×35.8mm	50°						

技术参数 | Specifications



型号 Code	发光面 light-emitting surface	角度 FWHM	尺寸 Size(L*W*H)mm	标准效率 Typ.eff	材质 Material
WT-75@36-15COBL14-Y1	φ14mm COB	15°	φ74.8×35.8	88%	PC
WT-75@36-24COBL14-Y1	φ14mm COB	24°		88%	PC
WT-75@36-36COBL14-Y1	φ14mm COB	36°		88%	PC
WT-75@36-50COBL14-Y1	φ14mm COB	50°		88%	PC

产品配件 | Product accessories



碗杯 (PC)	Lens Holder (PC)	WT-F75H-B	D 74.6, H 32.5 mm
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支架 (PC)	COB Holder (PC)	WT-F75H-C18/C19/C24	D 48, H 5mm
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产品尺寸 | Dimensions(Unit:mm)

透镜 Lens	碗杯 Lens Holder	支架 COB Holder

Shenzhen Wisertop Technology Co.,Ltd				PART NO.: WT-75@36-50COBL14-Y1		NAME: LED LENS	
TOLERANCE UNLESS OTHERWISE MARKED DIMENSION: ANGULAR 0~6:±0.05 0.2 6~30:±0.10 30~120:±0.15				MATERIAL: PC		SPEC:	
				APPR OVED	CHECK ED	DRAW BY	REV: A01
A3	UNIT: mm	SCALE: 1:1	SHEET 1 OF 1	JOB NO:			

线性 \ 等级	F	M	C	
0-3	±0.05	±0.1	±0.2	— 直线度
>3-6	±0.05	±0.1	±0.2	▧ 平面度
>6-16	±0.1	±0.15	±0.3	○ 圆度
>16-30	±0.1	±0.2	±0.5	⊘ 圆柱度
>30-120	±0.15	±0.3	±0.8	⌒ 线轮廓度
>120-315	±0.2	±0.5	±1.2	⌒ 面轮廓度
>315-1000	±0.5	±0.8	±2.0	// 平行度
>1000-2000	±1.0	±1.2	±3.0	⊥ 垂直度
				≡ 对称度
角度	±60°			◎ 同轴度

装箱尺寸 | Packing (Unit:mm)

透镜 Lens	
产品尺寸Single Size(L*W*H)	φ74.8×35.8
包装尺寸Box Size(L*W*H)	300x40.5x500
外箱尺寸CTN Size(L*W*H)	425x355x305
装箱数量PCS/CTN	225pcs

注：透镜使用吸塑托盘包装

灯杯 Holder	
产品尺寸Single Size(L*W*H)	φ74.6×32.5
包装尺寸Box Size(L*W*H)	600x400
外箱尺寸CTN Size(L*W*H)	/
装箱数量PCS/CTN	900pcs

注：灯杯使用袋装

支架 PTape	
产品尺寸Single Size(L*W*H)	φ48×5
包装尺寸Box Size(L*W*H)	600x400
外箱尺寸CTN Size(L*W*H)	/
装箱数量PCS/CTN	3120pcs

注：支架使用袋装

配光曲线 | Luminance Diatribution Diagram

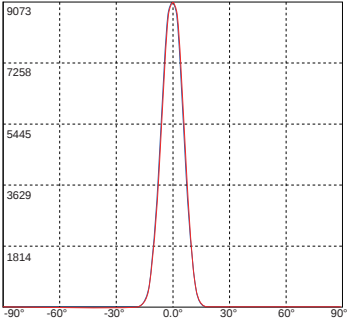
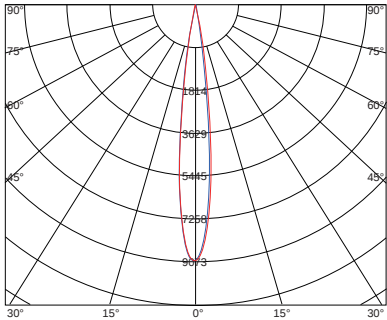


WT-75@36-15COBL14-Y1

LED	CXA1830
FWHM	14.5°
FWTM	26.3°
Peak intensity	9.49cd /lm
Efficiency	88 %
Aluminum substrate size	17.85×17.85

Average Beam Angle (50%): 14.5°
Radiation Intensity (Unit: cd)

— C0·C180 14.5°
— C90·C270 14.5°



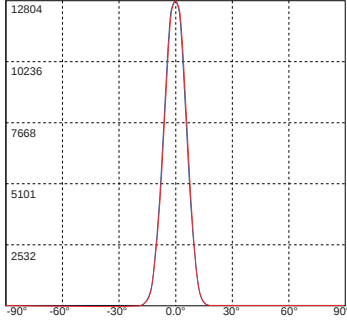
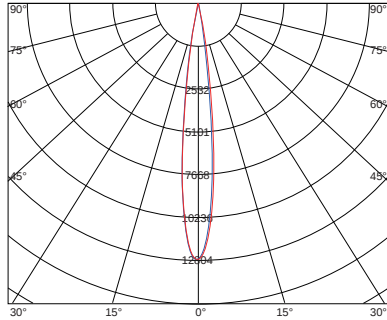
CITIZEN

WT-75@36-15COBL14-Y1

LED	CLU03Q
FWHM	15.8°
FWTM	27.2°
Peak intensity	9.976cd /lm
Efficiency	88 %
Aluminum substrate size	19×19

Average Beam Angle (50%): 15.8°
Radiation Intensity (Unit: cd)

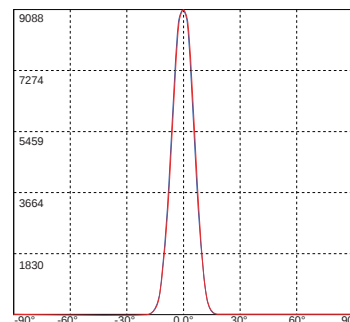
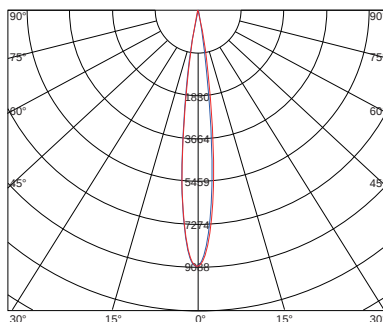
— C0·C180 15.8°
— C90·C270 15.8°



LED	1208
FWHM	14.2°
FTWM	25.8°
Peak intensity	9.63cd /lm
Efficiency	88 %
Aluminum substrate size	17.85×17.85

Average Beam Angle (50%): 14.2°
Radiation Intensity (Unit: cd)

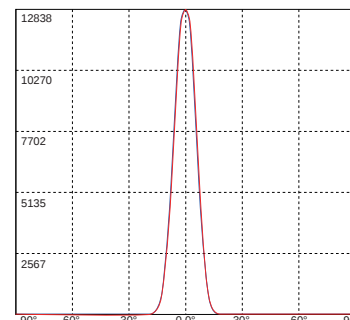
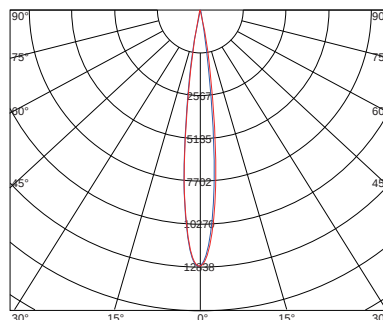
— C0·C180 14.2°
— C90·C270 14.2°



LED	CXM-14
FWHM	13.8°
FTWM	26.9°
Peak intensity	10.974cd /lm
Efficiency	88 %
Aluminum substrate size	19×19

Average Beam Angle (50%): 13.8°
Radiation Intensity (Unit: cd)

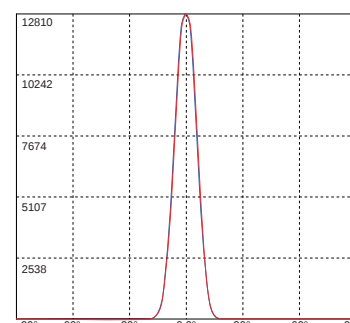
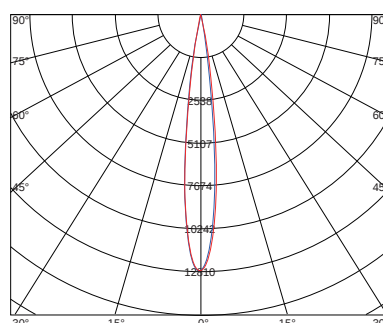
— C0·C180 13.8°
— C90·C270 13.8°



LED	P14A/P14B
FWHM	15.8°
FTWM	28.6°
Peak intensity	10.878cd /lm
Efficiency	88 %
Aluminum substrate size	19×19

Average Beam Angle (50%): 15.8°
Radiation Intensity (Unit: cd)

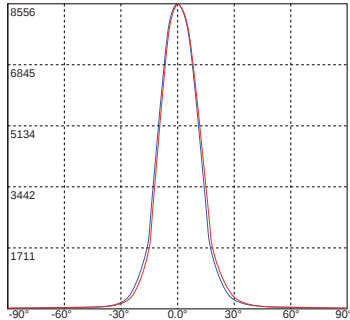
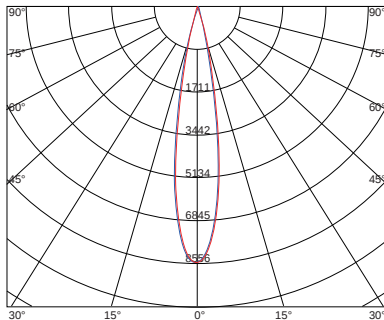
— C0·C180 15.8°
— C90·C270 15.8°



LED	CXA1830
FWHM	23.9°
FWTM	35°
Peak intensity	6.694cd /lm
Efficiency	88 %
Aluminum substrate size	17.85×17.85

Average Beam Angle (50%): 23.9°
Radiation Intensity (Unit: cd)

— C0 · C180 23.9°
— C90 · C270 23.9°

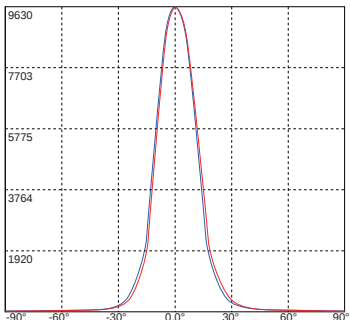
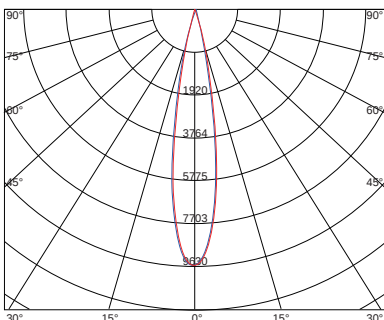


CITIZEN

LED	CLU03Q
FWHM	25.3°
FWTM	36.7°
Peak intensity	7.591cd /lm
Efficiency	88 %
Aluminum substrate size	19×19

Average Beam Angle (50%): 25.3°
Radiation Intensity (Unit: cd)

— C0 · C180 25.3°
— C90 · C270 25.3°

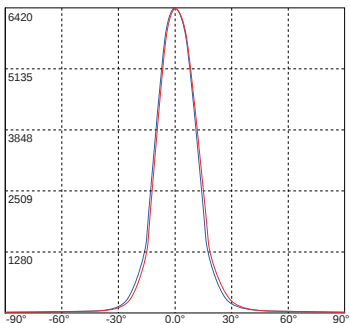
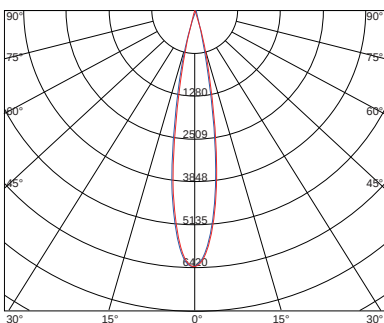


PHILIPS

LED	1208
FWHM	22.9°
FWTM	35.1°
Peak intensity	6.69cd /lm
Efficiency	88 %
Aluminum substrate size	17.85×17.85

Average Beam Angle (50%): 22.9°
Radiation Intensity (Unit: cd)

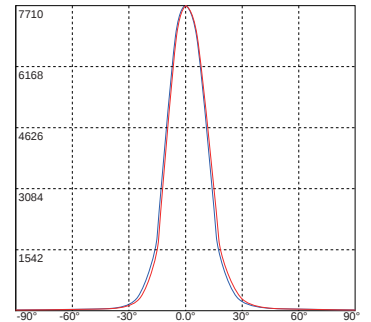
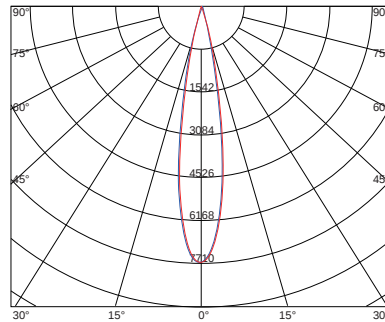
— C0 · C180 22.9°
— C90 · C270 22.9°



LED	CXM-14
FWHM	24.7°
FWTM	35.8°
Peak intensity	7.613cd /lm
Efficiency	88 %
Aluminum substrate size	19×19

Average Beam Angle (50%): 24.7°
Radiation Intensity (Unit: cd)

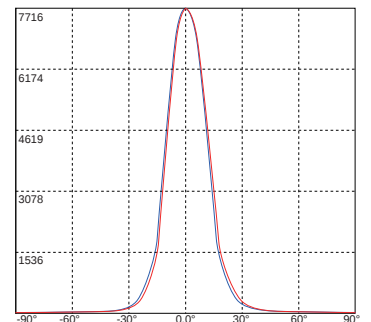
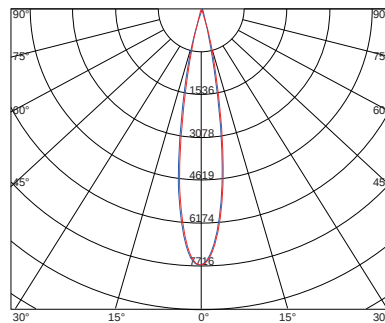
— C0·C180 24.7°
— C90·C270 24.7°



LED	P14A/P14B
FWHM	25.1°
FWTM	36.2°
Peak intensity	7.78cd /lm
Efficiency	88 %
Aluminum substrate size	19×19

Average Beam Angle (50%): 25.1°
Radiation Intensity (Unit: cd)

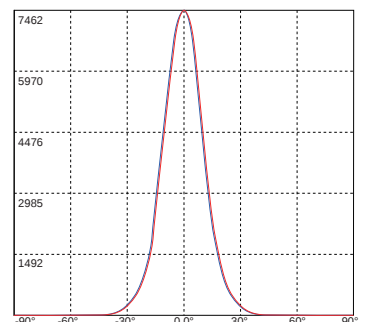
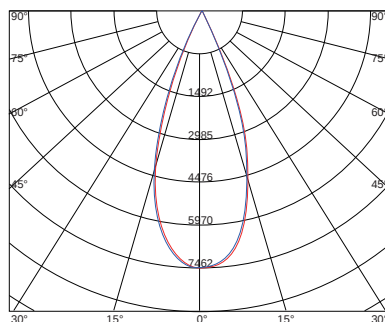
— C0·C180 25.1°
— C90·C270 25.1°



LED	CXA1830
FWHM	34.9°
FWTM	46.7°
Peak intensity	3.642cd /lm
Efficiency	88 %
Aluminum substrate size	17.85×17.85

Average Beam Angle (50%): 34.9°
Radiation Intensity (Unit: cd)

— C0·C180 34.9°
— C90·C270 34.9°



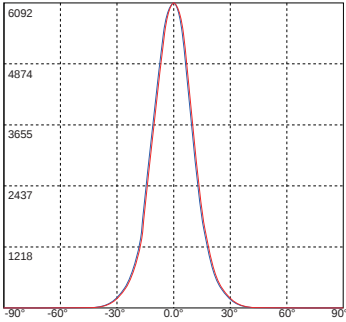
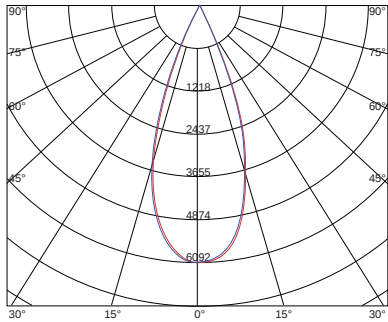
CITIZEN

WT-75@36-36COBL14-Y1

LED	CLU03Q
FWHM	36.7°
FWTM	48.6°
Peak intensity	3.57cd /lm
Efficiency	88 %
Aluminum substrate size	19×19

Average Beam Angle (50%): 36.7°
Radiation Intensity (Unit: cd)

— C0·C180 36.7°
— C90·C270 36.7°



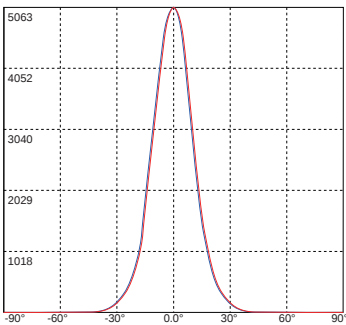
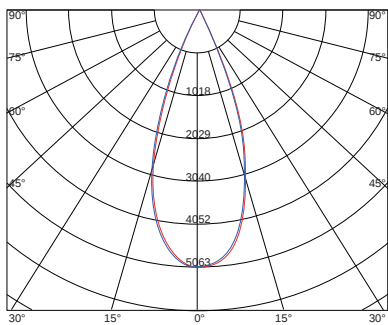
PHILIPS

WT-75@36-36COBL14-Y1

LED	1208
FWHM	36.1°
FWTM	48°
Peak intensity	3.54cd /lm
Efficiency	88 %
Aluminum substrate size	17.85×17.85

Average Beam Angle (50%): 36.1°
Radiation Intensity (Unit: cd)

— C0·C180 36.1°
— C90·C270 36.1°



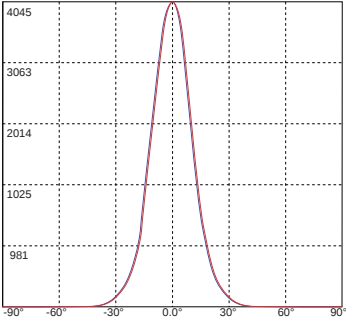
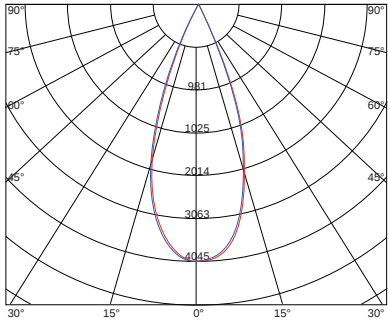
LUMINUS

WT-75@36-36COBL14-Y1

LED	CXM-14
FWHM	35.5°
FWTM	47.4°
Peak intensity	3.368cd /lm
Efficiency	88 %
Aluminum substrate size	19×19

Average Beam Angle (50%): 35.5°
Radiation Intensity (Unit: cd)

— C0·C180 35.5°
— C90·C270 35.5°



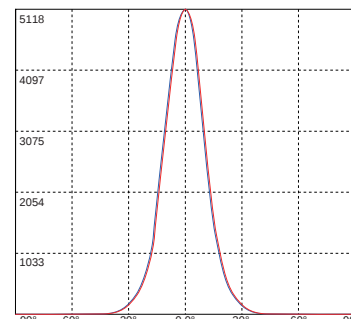
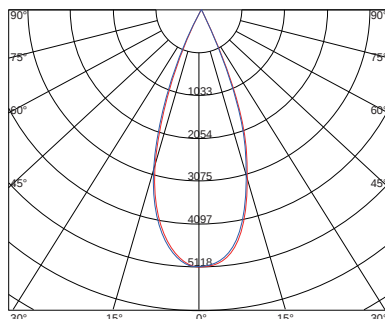


WT-75@36-36COBL14-Y1

LED	P14A/P14B
FWHM	34.7°
FWTM	46.4°
Peak intensity	3.451cd /lm
Efficiency	88 %
Aluminum substrate size	19×19

Average Beam Angle (50%): 34.7°
Radiation Intensity (Unit: cd)

— C0 · C180 34.7°
— C90 · C270 34.7°

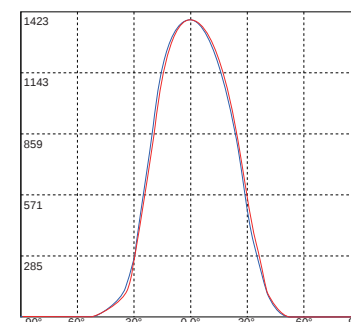
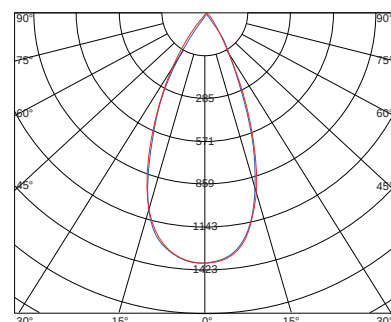


WT-75@36-50COBL14-Y1

LED	CXA1830
FWHM	51.2°
FWTM	62.7°
Peak intensity	2.19cd /lm
Efficiency	88 %
Aluminum substrate size	17.85×17.85

Average Beam Angle (50%): 51.2°
Radiation Intensity (Unit: cd)

— C0 · C180 51.2°
— C90 · C270 51.2°



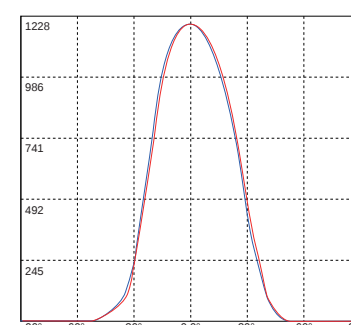
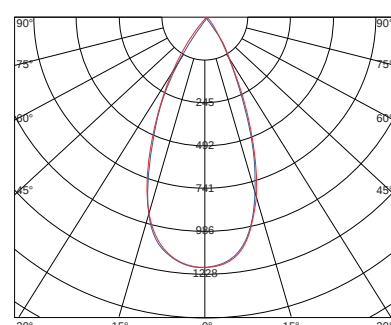
CITIZEN

WT-75@36-50COBL14-Y1

LED	CLU03Q
FWHM	48.5°
FWTM	60°
Peak intensity	1.762cd /lm
Efficiency	88 %
Aluminum substrate size	19×19

Average Beam Angle (50%): 48.5°
Radiation Intensity (Unit: cd)

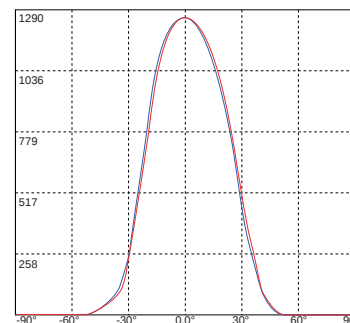
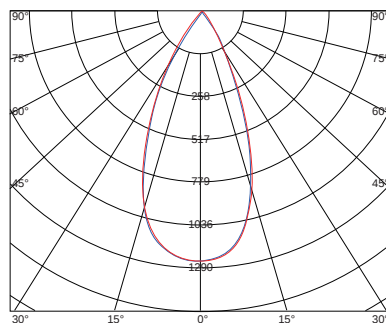
— C0 · C180 48.5°
— C90 · C270 48.5°



LED	1208
FWHM	49.7°
FWTM	61.5°
Peak intensity	1.827cd /lm
Efficiency	88 %
Aluminum substrate size	17.85×17.85

Average Beam Angle (50%): 49.7°
Radiation Intensity (Unit: cd)

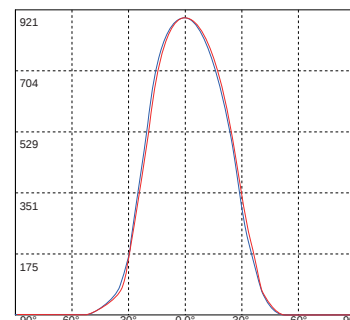
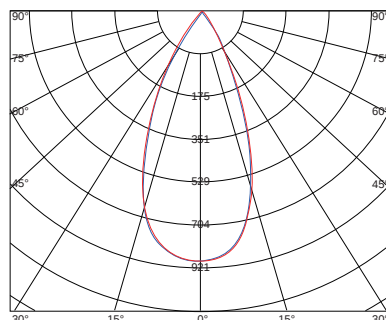
— C0 · C180 49.7°
— C90 · C270 49.7°



LED	CXM-14
FWHM	48.9°
FWTM	60.7°
Peak intensity	1.593cd /lm
Efficiency	88 %
Aluminum substrate size	19×19

Average Beam Angle (50%): 48.9°
Radiation Intensity (Unit: cd)

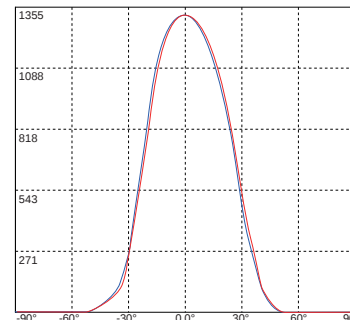
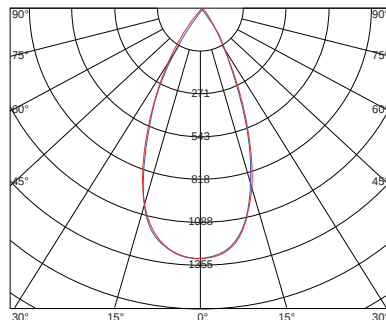
— C0 · C180 48.9°
— C90 · C270 48.9°



LED	P14A/P14B
FWHM	50.7°
FWTM	62.2°
Peak intensity	1.947cd /lm
Efficiency	88 %
Aluminum substrate size	19×19

Average Beam Angle (50%): 50.7°
Radiation Intensity (Unit: cd)

— C0 · C180 50.7°
— C90 · C270 50.7°



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