

规格书

Specifications

WT-55@16-AVGX-L9/L11



匀光系列
Uniform light 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.

匀光系列 | Uniform light series

WT-35@11-AVG15-L6	15°	φ34.8×12.6	WT-45@16-AVG15-L9	15°	φ44.8×16
WT-35@11-AVG24-L6	24°	φ34.8×12.6	WT-45@16-AVG24-L9	24°	φ44.8×16
WT-35@11-AVG24S-COBL6	24°	φ34.8×12.6	WT-45@16-AVG36-L9	36°	φ44.8×16
WT-35@11-AVG36-L6	36°	φ34.8×12.6	WT-45@16-AVG45-L9	45°	φ44.8×16
WT-35@11-AVG55-L6	50°	φ34.8×12.6	WT-45@16-AVG55-L9	55°	φ44.8×16
			WT-45@16-AVG60S-COBL9	60°	φ44.8×16
WT-55@19-AVG24-L9	24°	φ54.8×19.5			
WT-55@19-AVG36-L9	36°	φ54.8×19.5			
WT-55@19-AVG55-L9	50°	φ54.8×19.5			
WT-55@19-AVG60-L11	60°	φ54.8×19.5	WT-68@25-AVG55-L12	55°	φ67.8×25
WT-55@19-AVG60S-COBL11	60°	φ54.8×19.5			

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-55@19-AVG24-L9	φ9mm COB	24°	φ54.8×19.5	88%	PC
WT-55@19-AVG36-L9	φ9mm COB	36°		88%	PC
WT-55@19-AVG55-L9	φ9mm COB	50°		88%	PC
WT-55@19-AVG60-L11	φ9mm COB	60°		88%	PC
WT-55@19-AVG60S-COBL11	φ9mm COB	60°		88%	PC

产品配件 | Product accessories



碗杯 (PC)	Lens Holder (PC)	F55-AVG-C135	D 54.5, H 22mm
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支架 (PC)	COB Holder (PC)	WT-F55C-C16/C18/C19	D 44.2, H 4mm
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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-55@19-AVGX-L9/L11		NAME: LED LENS	
TOLERANCE UNLESS OTHERWISE MARKED DIMENSION: ANGULAR 0~6:±0.05 0.2 6~30:±0.10 30~120:±0.15					MATERIAL: PMMA		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	▧ 平面度
>3-6	±0.05	±0.1	±0.2	○ 圆度	⊘ 圆柱度
>6-16	±0.1	±0.15	±0.3	⌒ 线轮廓度	⌒ 面轮廓度
>16-30	±0.1	±0.2	±0.5	∥ 平行度	⊥ 垂直度
>30-120	±0.15	±0.3	±0.8	⊥ 垂直度	⊥ 对称度
>120-315	±0.2	±0.5	±1.2	⊙ 同轴度	
>315-1000	±0.5	±0.8	±2.0		
>1000-2000	±1.0	±1.2	±3.0		
角度	±60°				

装箱尺寸 | Packing (Unit:mm)

透镜 Lens	
产品尺寸Single Size(L*W*H)	φ54.8×19.5
包装尺寸Box Size(L*W*H)	170x230x380
外箱尺寸CTN Size(L*W*H)	425x355x305
装箱数量PCS/CTN	429pcs

注：透镜使用吸塑托盘包装

灯杯 Holder	
产品尺寸Single Size(L*W*H)	φ54.5×22
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)	φ44.2×4
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

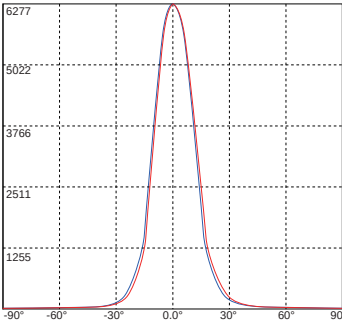
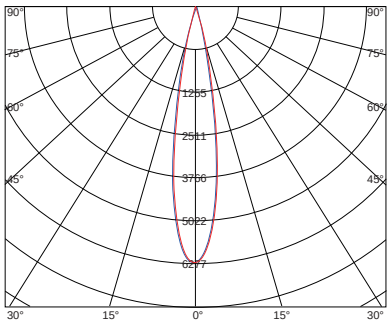


WT-55@19-AVG24-L9

LED	CXA1507
FWHM	24.6°
FWTM	33.3°
Peak intensity	3.73cd /lm
Efficiency	88%
Aluminum substrate size	13.5×13.5

Average Beam Angle (50%):24.6°
Radiation Intensity (Unit: cd)

— C0·C180 24.6°
— C90·C270 24.6°



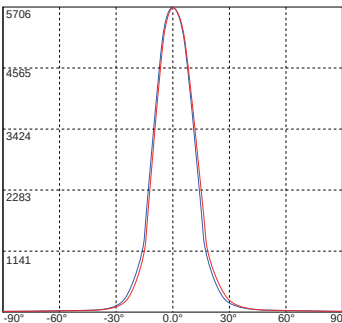
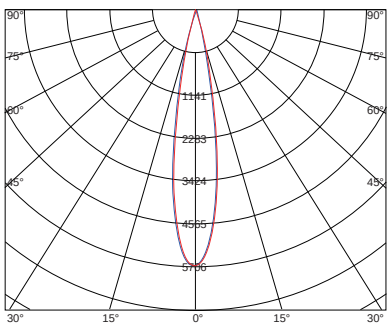
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WT-55@19-AVG24-L9

LED	CLU02Q
FWHM	23.5°
FWTM	31.5°
Peak intensity	3.63cd /lm
Efficiency	88%
Aluminum substrate size	13.5×13.5

Average Beam Angle (50%):23.5°
Radiation Intensity (Unit: cd)

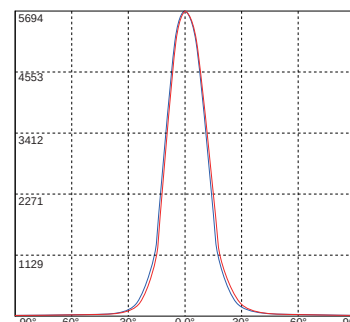
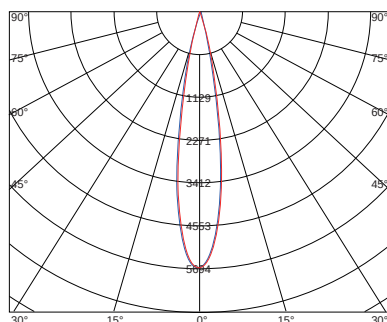
— C0·C180 23.5°
— C90·C270 23.5°



LED	C8
FWHM	24.6°
FWTM	33.3°
Peak intensity	3.6cd /lm
Efficiency	88%
Aluminum substrate size	13.5×13.5

Average Beam Angle (50%):24.6°
Radiation Intensity (Unit: cd)

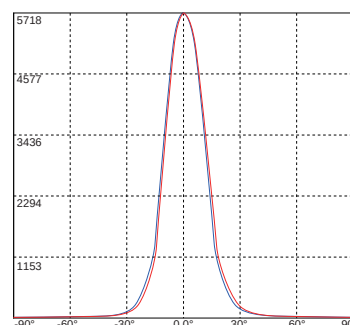
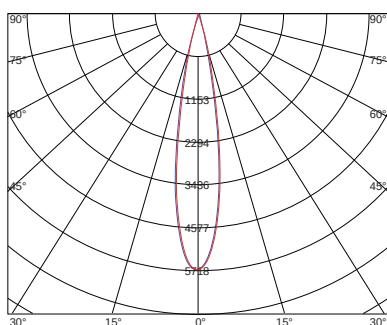
— C0 · C180 24.6°
— C90 · C270 24.6°



LED	CXM-9
FWHM	23.5°
FWTM	32.2°
Peak intensity	3.69cd /lm
Efficiency	88%
Aluminum substrate size	13.5×13.5

Average Beam Angle (50%):23.5°
Radiation Intensity (Unit: cd)

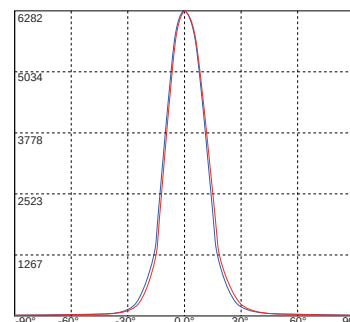
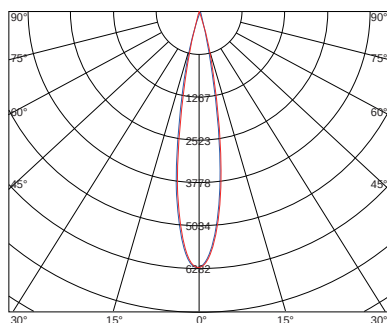
— C0 · C180 23.5°
— C90 · C270 23.5°



LED	N9A/N9B/P9A/P9B
FWHM	24.9°
FWTM	33.6°
Peak intensity	3.75cd /lm
Efficiency	88%
Aluminum substrate size	13.35×13.35

Average Beam Angle (50%):24.9°
Radiation Intensity (Unit: cd)

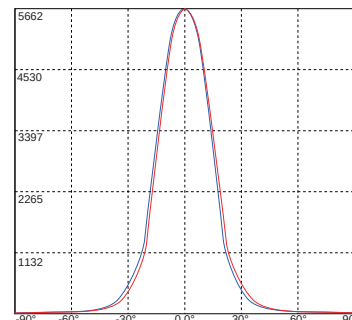
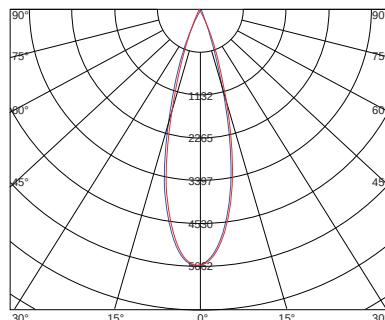
— C0 · C180 24.9°
— C90 · C270 24.9°



LED	CXA1507
FWHM	35.7°
FWTM	44.4°
Peak intensity	4.09cd /lm
Efficiency	88%
Aluminum substrate size	13.5×13.5

Average Beam Angle (50%):35.7°
Radiation Intensity (Unit: cd)

— C0·C180 35.7°
— C90·C270 35.7°

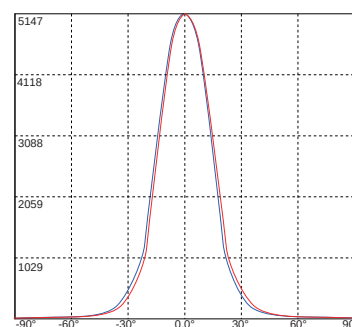
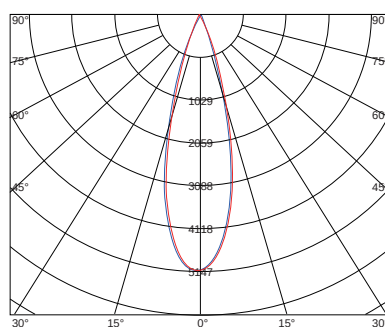


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LED	CLU02Q
FWHM	36.6°
FWTM	45.7°
Peak intensity	3.78cd /lm
Efficiency	88%
Aluminum substrate size	13.5×13.5

Average Beam Angle (50%):36.2°
Radiation Intensity (Unit: cd)

— C0·C180 36.6°
— C90·C270 36.6°

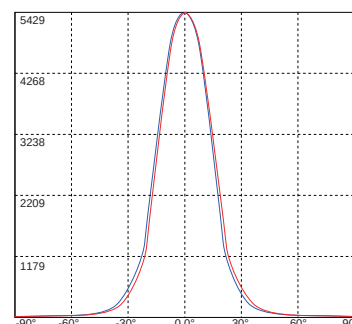
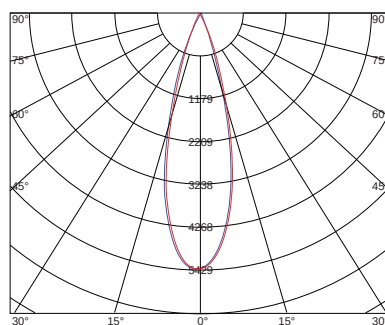


bridgelux

LED	C8
FWHM	36.2°
FWTM	44.9°
Peak intensity	3.92cd /lm
Efficiency	88%
Aluminum substrate size	13.5×13.5

Average Beam Angle (50%):36.2°
Radiation Intensity (Unit: cd)

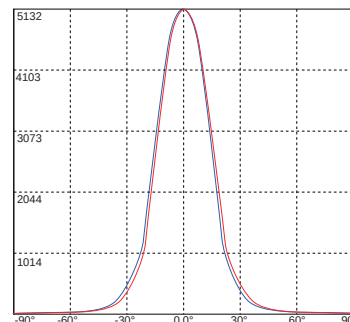
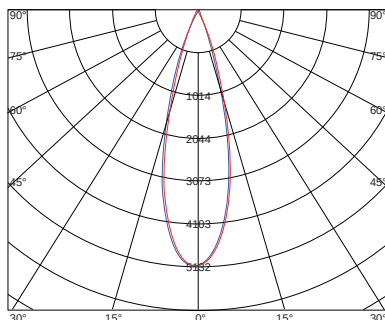
— C0·C180 36.2°
— C90·C270 36.2°



LED	CXM-9
FWHM	35.9°
FWTM	44.6°
Peak intensity	3.76cd /lm
Efficiency	88%
Aluminum substrate size	13.5×13.5

Average Beam Angle (50%):35.9°
Radiation Intensity (Unit: cd)

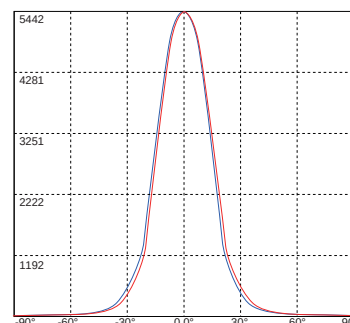
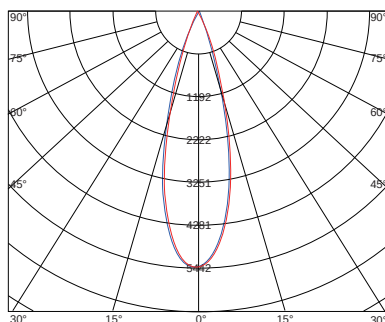
— C0·C180 35.9°
— C90·C270 35.9°



LED	N9A/N9B/P9A/P9B
FWHM	35.7°
FWTM	44.3°
Peak intensity	3.911cd /lm
Efficiency	88%
Aluminum substrate size	13.35×13.35

Average Beam Angle (50%):35.7°
Radiation Intensity (Unit: cd)

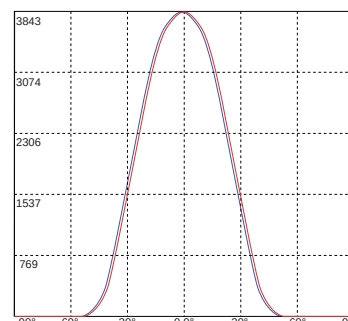
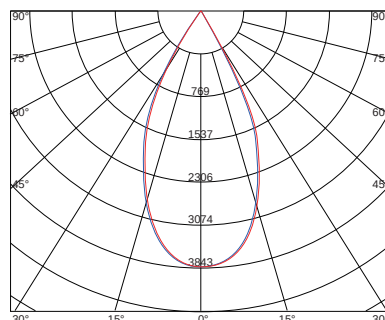
— C0·C180 35.7°
— C90·C270 35.7°



LED	CXA1507
FWHM	50.6°
FWTM	63.6°
Peak intensity	2.29cd /lm
Efficiency	88%
Aluminum substrate size	13.5×13.5

Average Beam Angle (50%):50.6°
Radiation Intensity (Unit: cd)

— C0·C180 50.6°
— C90·C270 50.6°



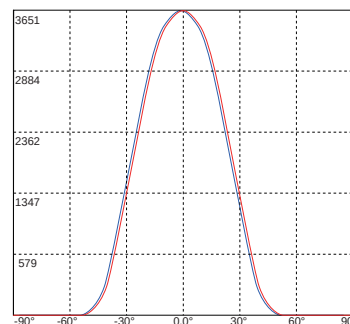
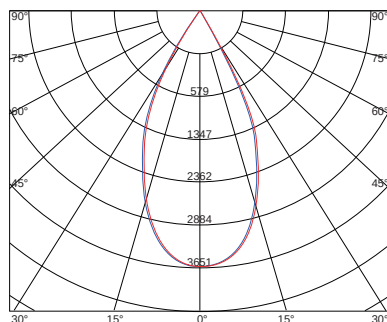
CITIZEN

WT-55@19-AVG55-L9

LED	CLU02Q
FWHM	49.8°
FWTM	61.8°
Peak intensity	2.11cd /lm
Efficiency	88%
Aluminum substrate size	13.5×13.5

Average Beam Angle (50%):49.8°
Radiation Intensity (Unit: cd)

— C0 · C180 49.8°
— C90 · C270 49.8°

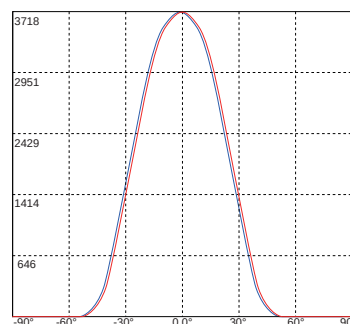
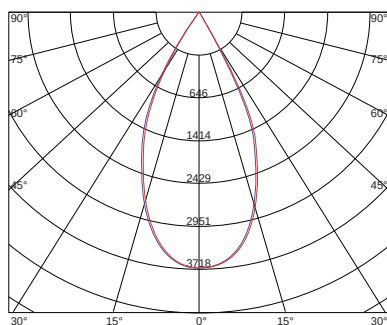


WT-55@19-AVG55-L9

LED	C8
FWHM	50.3°
FWTM	63.3°
Peak intensity	2.20cd /lm
Efficiency	88%
Aluminum substrate size	13.5×13.5

Average Beam Angle (50%):50.3°
Radiation Intensity (Unit: cd)

— C0 · C180 50.3°
— C90 · C270 50.3°

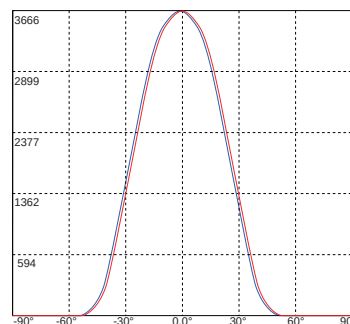
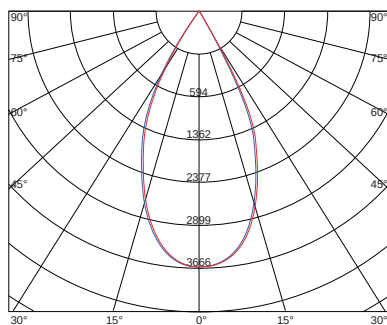


WT-55@19-AVG55-L9

LED	CXM-9
FWHM	50.7°
FWTM	63.7°
Peak intensity	2.18cd /lm
Efficiency	88%
Aluminum substrate size	13.5×13.5

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

— C0 · C180 50.7°
— C90 · C270 50.7°



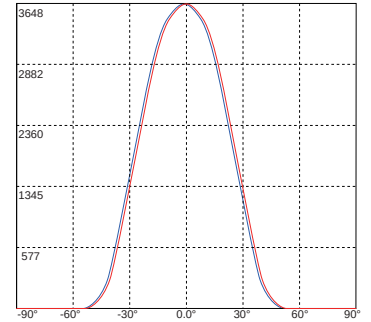
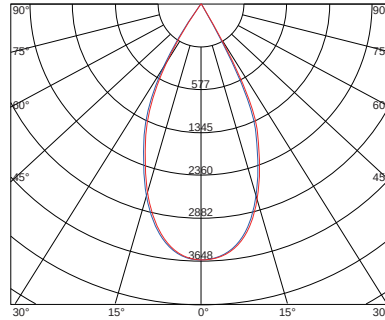


WT-55@19-AVG**55**-L9

LED	N9A/N9B/P9A/P9B
FWHM	49.9°
FWTM	62.9°
Peak intensity	2.1cd /lm
Efficiency	88%
Aluminum substrate size	13.35×13.35

Average Beam Angle (50%):49.9°
Radiation Intensity (Unit: cd)

— C0·C180 49.9°
— C90·C270 49.9°

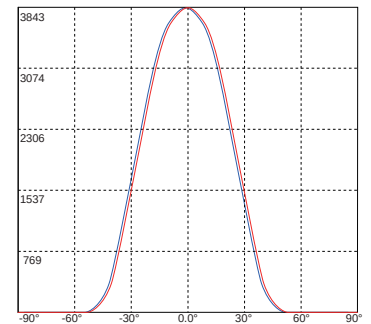
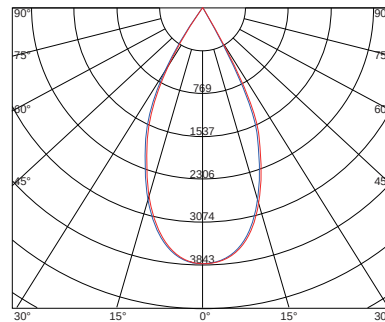


WT-55@19-AVG**60**-L11

LED	CXA1507
FWHM	60.5°
FWTM	75.5°
Peak intensity	1.45cd /lm
Efficiency	88%
Aluminum substrate size	13.5×13.5

Average Beam Angle (50%):60.5°
Radiation Intensity (Unit: cd)

— C0·C180 60.5°
— C90·C270 60.5°



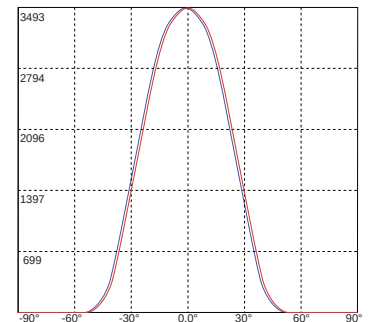
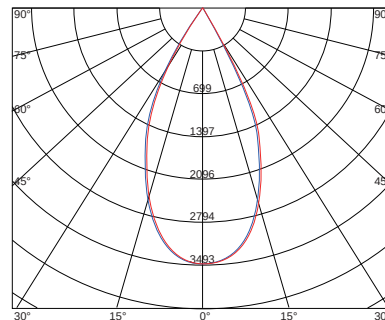
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WT-55@19-AVG**60**-L11

LED	CLU02Q
FWHM	59.7°
FWTM	74.7°
Peak intensity	1.39cd /lm
Efficiency	88%
Aluminum substrate size	13.5×13.5

Average Beam Angle (50%):59.7°
Radiation Intensity (Unit: cd)

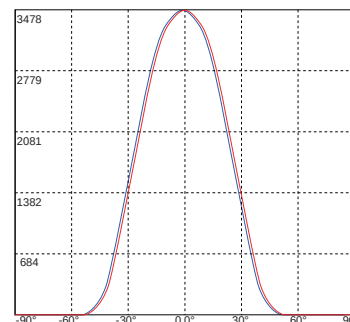
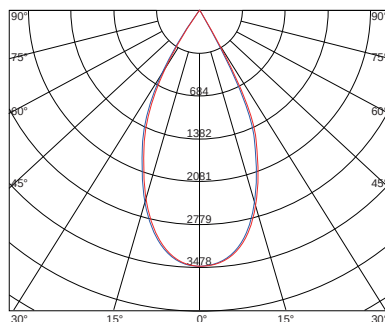
— C0·C180 59.7°
— C90·C270 59.7°



LED	C8
FWHM	60.2°
FWTM	75.1°
Peak intensity	1.386cd /lm
Efficiency	88%
Aluminum substrate size	13.5×13.5

Average Beam Angle (50%):60.2°
Radiation Intensity (Unit: cd)

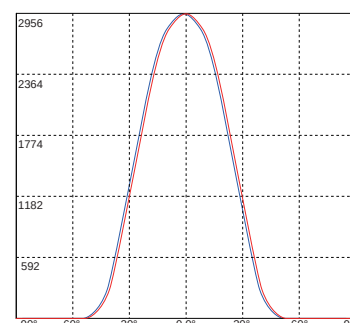
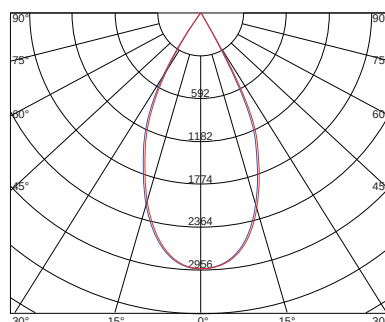
— C0 · C180 60.2°
— C90 · C270 60.2°



LED	CXM-9
FWHM	61.1°
FWTM	75.9°
Peak intensity	1.18cd /lm
Efficiency	88%
Aluminum substrate size	13.5×13.5

Average Beam Angle (50%):61.1°
Radiation Intensity (Unit: cd)

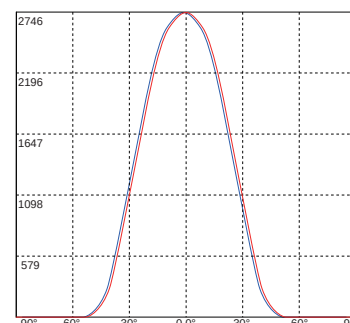
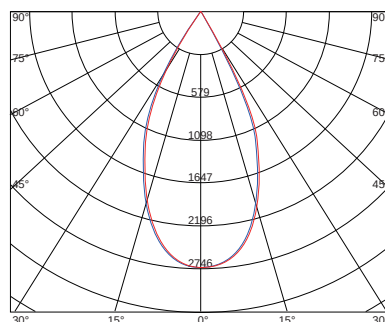
— C0 · C180 61.1°
— C90 · C270 61.1°



LED	N9A/N9B/P9A/P9B
FWHM	59.5°
FWTM	74.5°
Peak intensity	1.1cd /lm
Efficiency	88%
Aluminum substrate size	13.35×13.35

Average Beam Angle (50%):59.9°
Radiation Intensity (Unit: cd)

— C0 · C180 59.9°
— C90 · C270 59.9°



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