

规格书 Specifications

WT-55@26-XXCOBL9-Y1



莹光系列
High penetration series



镜片材料 PMMA 8N温度-40°C~+70°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 PMM working temperature:-40°C~+70°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-35@17-60COBL6-Y1	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-55@26-15COBL11-Y1	φ6mm COB	15°	φ54.8×26.25	93%	PMMA
WT-55@26-24COBL11-Y1	φ11mm COB	24°	φ54.8×26.25	93%	PMMA
WT-55@26-36COBL11-Y1	φ11mm COB	36°	φ54.8×26.25	93%	PMMA
WT-55@26-50COBL11-Y1	φ11mm COB	50°	φ54.8×26.25	93%	PMMA

产品配件 | Product accessories



碗杯 (PC)	Lens Holder (PC)	WT-F55H-B	D 54.6, H 23.9 mm
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支架 (PC)	COB Holder (PC)	WT-F50H-C16/C18/C19	D 36.3, H 3.7mm
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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@26-XXCOBL9-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: 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
>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)	φ54.8×26.25
包装尺寸Box Size(L*W*H)	250x230x380
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)	φ35×13.85
包装尺寸Box Size(L*W*H)	300x200
外箱尺寸CTN Size(L*W*H)	/
装箱数量PCS/CTN	2400pcs

注：灯杯使用袋装

支架 PTape	
产品尺寸Single Size(L*W*H)	φ26×4
包装尺寸Box Size(L*W*H)	300x200
外箱尺寸CTN Size(L*W*H)	/
装箱数量PCS/CTN	8400pcs

注：支架使用袋装

配光曲线 | Luminance Diatribution Diagram

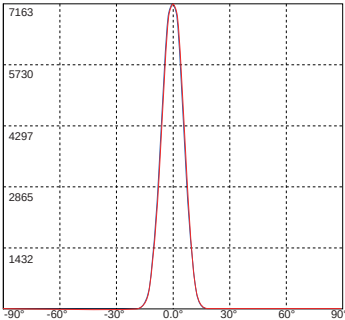
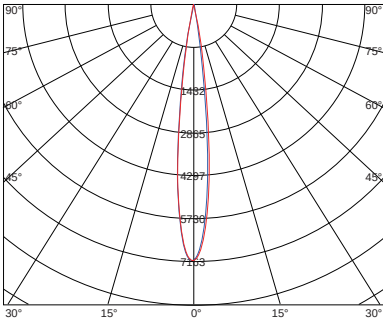


WT-55@26-15COBL11-Y1

LED	CXM-11
FWHM	15.6°
FWTM	23.4°
Peak intensity	10.732cd /lm
Efficiency	93 %
Aluminum substrate size	15×15

Average Beam Angle (50%): 15.6°
 Radiation Intensity (Unit: cd)

— C0·C180 15.6°
 — C90·C270 15.6°

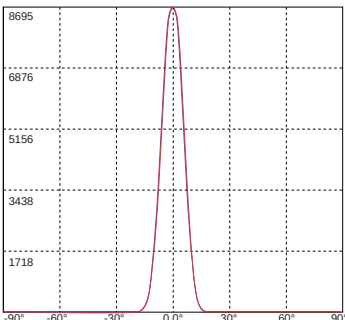
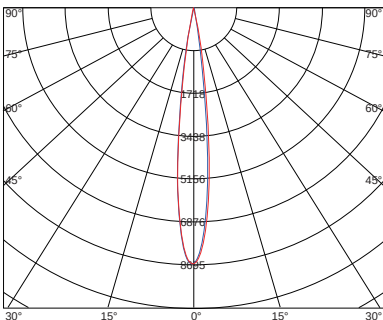


WT-55@26-15COBL11-Y1

LED	V10
FWHM	15.6°
FWTM	24.3°
Peak intensity	10.89cd /lm
Efficiency	93 %
Aluminum substrate size	15.85×15.85

Average Beam Angle (50%): 15.6°
 Radiation Intensity (Unit: cd)

— C0·C180 15.6°
 — C90·C270 15.6°



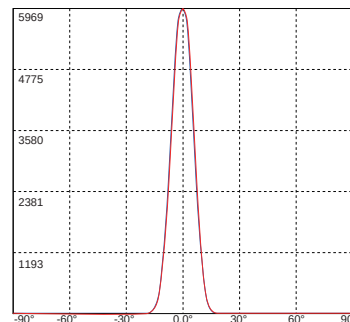
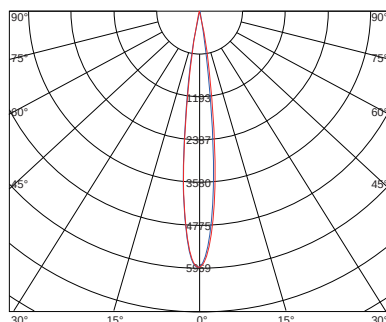
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WT-55@26-15COBL11-Y1

LED	CLU02Q
FWHM	14.6°
FWTM	22.6°
Peak intensity	9.854cd /lm
Efficiency	93 %
Aluminum substrate size	15.85×15.85

Average Beam Angle (50%): 14.6°
Radiation Intensity (Unit: cd)

— C0 · C180 14.6°
— C90 · C270 14.6°

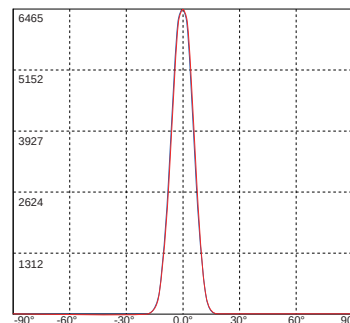
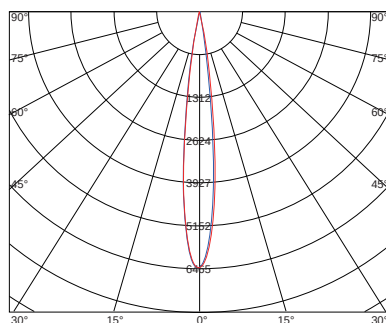


WT-55@26-15COBL11-Y1

LED	N9A/N9B/P9A/P9B
FWHM	14.4°
FWTM	22.1°
Peak intensity	10.25cd /lm
Efficiency	93 %
Aluminum substrate size	15.85×15.85

Average Beam Angle (50%): 14.4°
Radiation Intensity (Unit: cd)

— C0 · C180 14.4°
— C90 · C270 14.4°

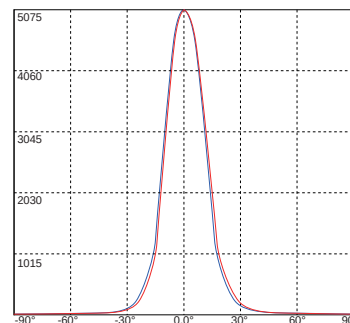
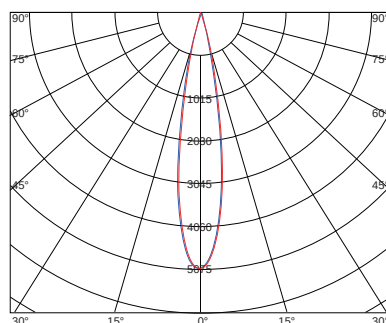


WT-55@26-24COBL11-Y1

LED	CXM-11
FWHM	23.5°
FWTM	39.6°
Peak intensity	5.68cd /lm
Efficiency	93 %
Aluminum substrate size	15×15

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

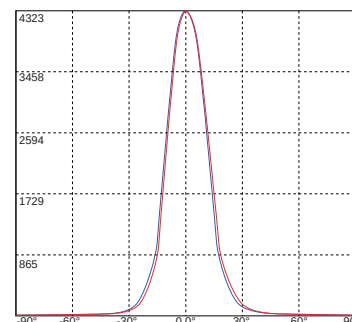
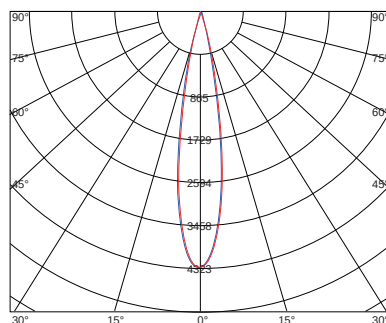
— C0 · C180 23.5°
— C90 · C270 23.5°



LED	V10
FWHM	24.9°
FTWM	41.4°
Peak intensity	5.174cd /lm
Efficiency	93 %
Aluminum substrate size	15.85×15.85

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

— C0 · C180 24.9°
— C90 · C270 24.9°

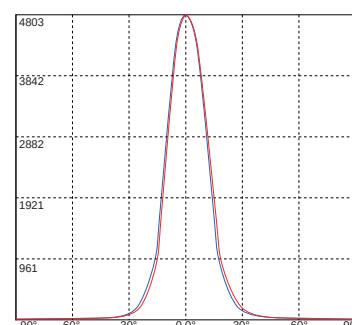
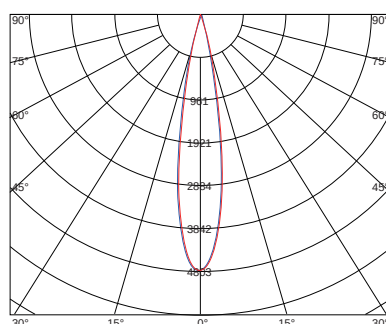


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LED	CLU02Q
FWHM	24.5°
FTWM	41.7°
Peak intensity	4.988cd /lm
Efficiency	93 %
Aluminum substrate size	15.85×15.85

Average Beam Angle (50%): 24.5°
Radiation Intensity (Unit: cd)

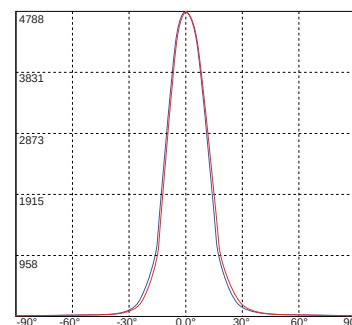
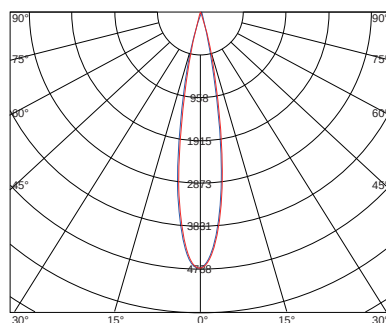
— C0 · C180 24.5°
— C90 · C270 24.5°



LED	N9A/N9B/P9A/P9B
FWHM	25.2°
FTWM	41.9°
Peak intensity	4.99cd /lm
Efficiency	93 %
Aluminum substrate size	15.85×15.85

Average Beam Angle (50%): 25.2°
Radiation Intensity (Unit: cd)

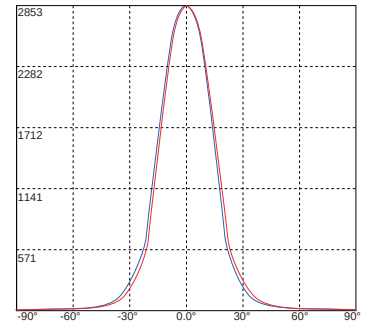
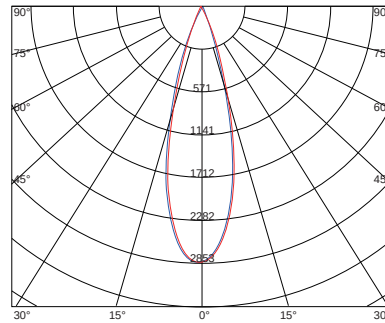
— C0 · C180 25.2°
— C90 · C270 25.2°



LED	CXM-11
FWHM	34.3°
FWTM	50.2°
Peak intensity	3.1cd /lm
Efficiency	93 %
Aluminum substrate size	15×15

Average Beam Angle (50%): 34.3°
Radiation Intensity (Unit: cd)

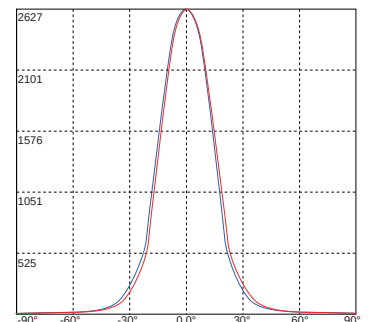
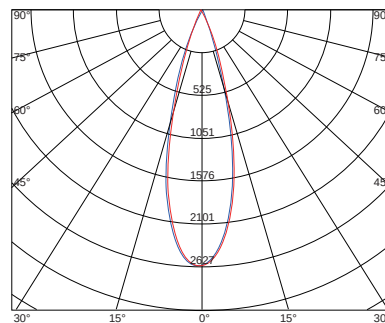
— C0·C180 34.3°
— C90·C270 34.3°



LED	V10
FWHM	34.8°
FWTM	51°
Peak intensity	3.035cd /lm
Efficiency	93 %
Aluminum substrate size	15.85×15.85

Average Beam Angle (50%): 34.8°
Radiation Intensity (Unit: cd)

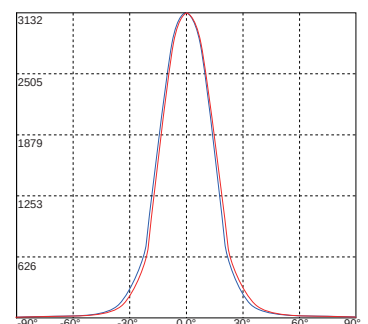
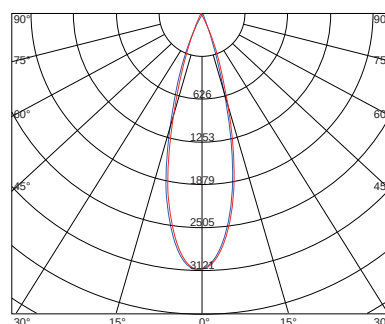
— C0·C180 34.8°
— C90·C270 34.8°



LED	CLU02Q
FWHM	34.6°
FWTM	50.8°
Peak intensity	3.076cd /lm
Efficiency	93 %
Aluminum substrate size	15.85×15.85

Average Beam Angle (50%): 34.6°
Radiation Intensity (Unit: cd)

— C0·C180 34.6°
— C90·C270 34.6°



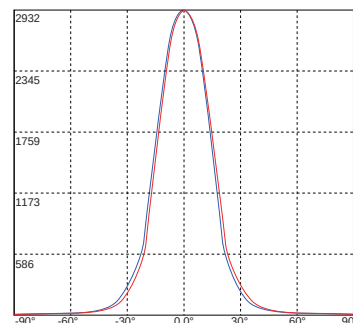
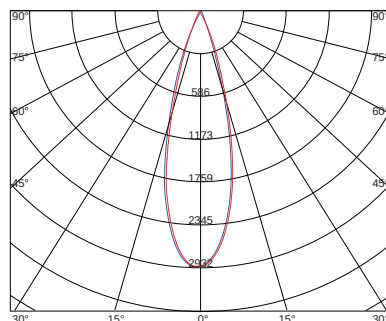


WT-55@26-36COBL11-Y1

LED	N9A/N9B/P9A/P9B
FWHM	35.5°
FWTM	52.1°
Peak intensity	2.92cd /lm
Efficiency	93 %
Aluminum substrate size	15.85×15.85

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

— C0·C180 35.5°
— C90·C270 35.5°

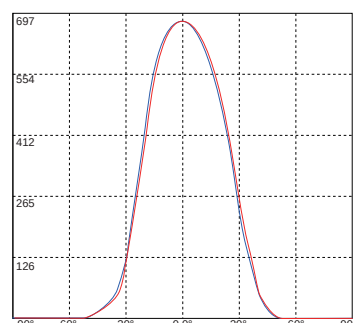
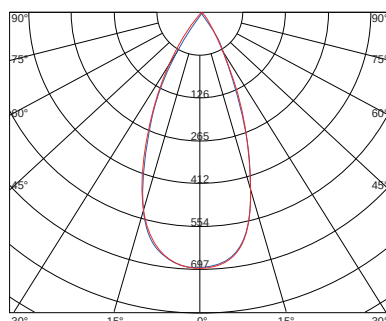


WT-55@26-50COBL11-Y1

LED	CXM-11
FWHM	49.3°
FWTM	65.2°
Peak intensity	1.089cd /lm
Efficiency	93 %
Aluminum substrate size	15×15

Average Beam Angle (50%): 49.3°
Radiation Intensity (Unit: cd)

— C0·C180 49.3°
— C90·C270 49.3°

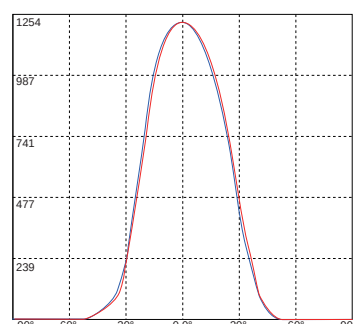
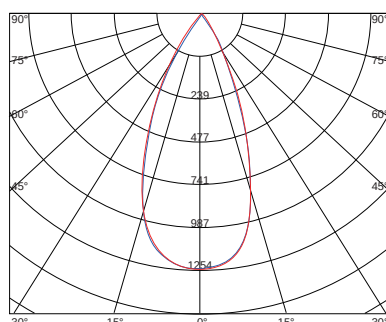


WT-55@26-50COBL11-Y1

LED	V10
FWHM	48.9°
FWTM	64.8°
Peak intensity	1.12cd /lm
Efficiency	93 %
Aluminum substrate size	15.85×15.85

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

— C0·C180 48.9°
— C90·C270 48.9°



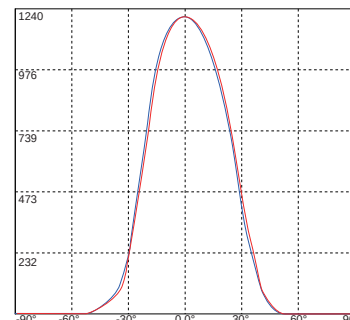
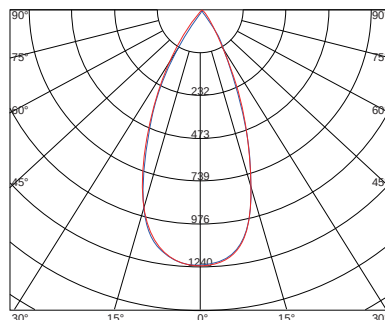
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WT-55@26-50COBL11-Y1

LED	CLU02Q
FWHM	48.6°
FTM	64.5°
Peak intensity	1.125cd /lm
Efficiency	93 %
Aluminum substrate size	15.85×15.85

Average Beam Angle (50%): 48.6°
Radiation Intensity (Unit: cd)

— C0·C180 48.6°
— C90·C270 48.6°

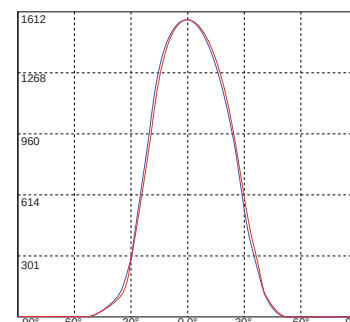
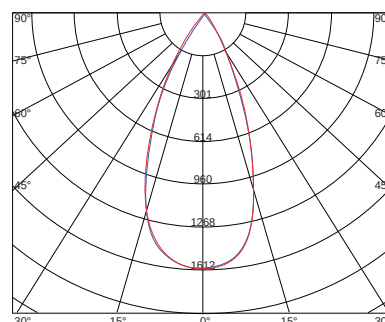


WT-55@26-50COBL11-Y1

LED	N9A/N9B/P9A/P9B
FWHM	49.2°
FTM	64.5°
Peak intensity	1.22cd /lm
Efficiency	93 %
Aluminum substrate size	15.85×15.85

Average Beam Angle (50%): 49.2°
Radiation Intensity (Unit: cd)

— C0·C180 49.2°
— C90·C270 49.2°



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