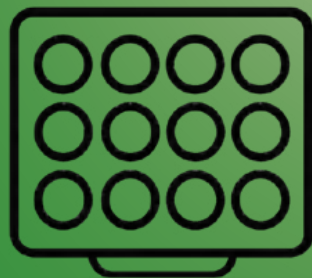




diamond
led lighting®



sportluma™
Sports Venue Lighting



LED Technology:

The Future of Arena Lighting plays a vital role in sports arenas, enhancing visibility, player performance, and the overall spectator experience. In the UK, arena lighting must adhere to strict standards set by organisations like the Chartered Institution of Building Services Engineers (CIBSE) and Sport England. These regulations specify minimum illumination levels, uniformity, and glare control to ensure optimal performance and safety. The shift from traditional metal halide lamps to LED technology has transformed the landscape of arena lighting. LEDs provide superior energy efficiency, longer lifespans, and enhanced light distribution. Their instant on/off capability offers much-needed flexibility for events, making them the ideal choice for modern sports facilities.

Sustainability and Energy Efficiency

LED stadium lighting, combined with smart controls, drastically reduces energy consumption compared to traditional systems. The use of renewable energy sources, like solar or battery power, supports the UK's carbon reduction goals. Features such as motion sensors and daylight harvesting ensure that lights are only used when necessary, maximising efficiency. Connected lighting systems are paving the way for smart stadiums, integrating with the Internet of Things (IoT) for real-time monitoring and predictive maintenance. Interactive lighting shows can also enhance the fan experience, promising an exciting future for arena lighting.



Who are we?

SPORTLUMA™ is the dedicated sports venue lighting brand from Diamond LED Lighting Ltd, a trusted UK supplier of LED lighting to electrical wholesalers and lighting resellers since 2008. We collaborate closely with our manufacturing partners to develop and quality-assure our products to our exacting specifications, ensuring continuous improvements in quality and functionality. Our extensive UK inventory enables fast delivery, and we provide tailored support packages for our resellers, including personalised marketing materials and impactful Point of Sale displays. With SPORTLUMA™, customers benefit from dedicated support, technical expertise, and industry insight. This catalogue highlights our latest innovations in the SPORTLUMA™ range, designed to meet diverse sports lighting requirements across the UK.

Our History

Diamond LED Lighting is a member of the Diamond Electronics (DEL) Group, a family company established in 1979 with the launch of Diamond Electronics Ltd. Built on a foundation of technical expertise, innovative products, and a commitment to customer service, these values have driven the group's growth over the decades. Today, DEL Group includes Diamond LED Lighting Ltd alongside divisions providing a range of Supply Chain Management Services, niche electronic components, and PCB assembly services to the UK electronics market, all sharing the same commitment to quality and customer satisfaction across every project.





Quantum

The Quantum LED light features a durable aluminium housing and 3535 ceramic LED for reliability and longevity. It delivers 140-150 lm/W with precise light control and multiple beam angle options. Interchangeable lenses and a G2.0 driver enhance flexibility, while integrated surge protection, inrush current limiter, and thermal control ensure durability. It supports DALI-2, D4i, 0-10V, and DMX dimming for versatile lighting solutions.

- Profile aluminium housing, strong structure.
- 3535 ceramic LED with low thermal resistance to enable very high reliability and long lifetime.
- 140-150lm/W based on sharp spill light control.
- Beam angle: 12°/30°/60° symmetric; 40°x15°/ 60°x15° / 100°x17°/ 100°x60°/ 130°x25° asymmetric.
- Professional optical design, lens can be interchanged. G2.0 driver control board, minimize driver failure rate. Driver box flexible for remote (only one 3-core cable). 20KV surge protection.
- Inrush current limiter integrated.
- Thermal control unit integrated to protect LED module. Dali-2, D4i, 0/10V, DMX dimmable optional.



Beam Angle
12°-60°



Product warranty



Special Order Only



CRI



IK Rating



Life Hours
341,000



-20° to +50°



Power Factor



IP Rating



Technical Specifications

Input Voltage	100-305Vac
PF	>0.95
Led Brand	Lumileds
CRI	>80
Colour Temperature	5000K
Beam Angle	12°/30°/60° Symmetric; 40°x15°/60°x15°/100°x17°/100°x60°/130°x25°
Driver Brand	Meanwell/Sosen
THD	<20%
IK Rating	IK05
IP Rating	IP66
Life Span	314,000Hrs
Certification	

Model Specifications

Part Number	QUA 600w-5000k	QUA 1200w-5000k	QUA 1500w-5000k	QUA 1800w-5000k
Max Power	600W	1250W	1500W	1800W
Max Lumens	86200	172100	231000	263900
Dimensions (mm)	524 x 628 x 460mm	724 x 628 x 455mm	936 x 628 x 580mm	1091 x 628 x 470mm
Qty of LED				
Net Weight (kg)	11.3kg	18.2kg	25.6kg	25.6kg
Gross Weight (kg)				





Blaze

With its unique Blue Corner appearance The Blaze family ranges from 250w – 1250w each module can be rotated by + or – 30 degrees. Its ADC12 structure provides a heat sink with excellent thermal management. The BLAZE is an exceptional all-round floodlight designed for sports applications.

- Die-casting Technology with ADC12.
- Corrosion Resistant Treatment.
- Excellent Thermal Management.
- Bracket Installation.
- Meanwell Driver.



Beam Angle
10°-90°



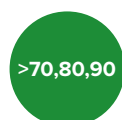
Input
AC100-277V,
50-60Hz



440V
**Special
Order Only**



66
IP Rating



CRI



IK Rating



Life Hours
50,000



-35° to +50°



Power Factor

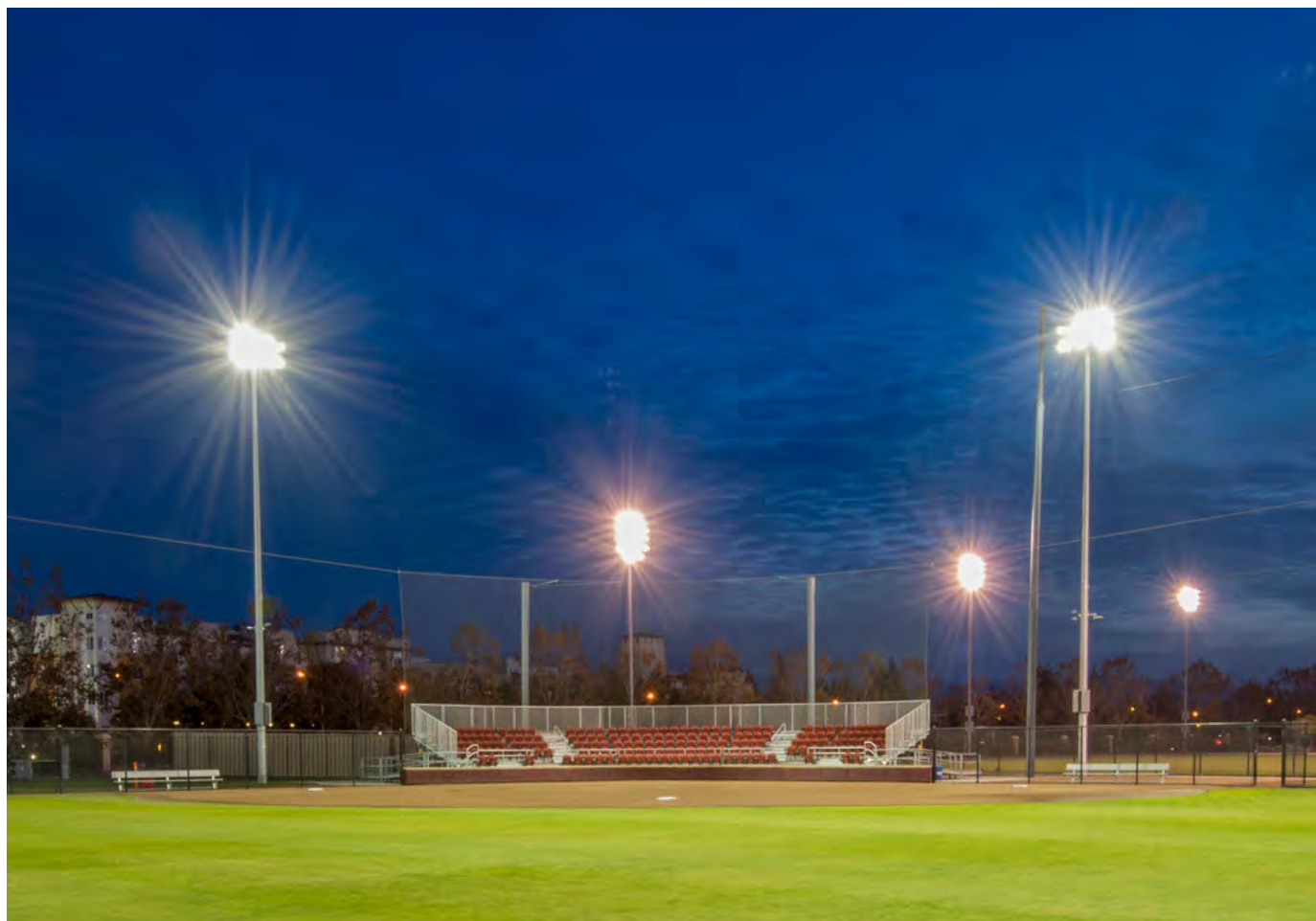


Technical Specifications

Input Voltage	AC100-277V,50-60Hz
Output Voltage	DC42V
PF	>0.95
Led Brand	Lumileds/Osram
CRI	Ra>70, 80, 90
CCT	3000-6500K
Beam Angle	10°/25°/45°/60°/90° 130°30°60°/65°25°60°
Driver Brand	Meanwell/Sosen
THD	<10%
IK Rating	IK08
IP Rating	IP66
Life Span	50,000Hrs
Certification	UL/ETL/DLC/TUV/CB/ENEC/CE/SAA/FCC/RoHS/CQC

Model Specifications

Part Number	BLA1-250-5K	BLA1-500-5K	BLA1-750-5K	BLA1-1000-5K	BLA1-1200-5K
Max Power	240W	480W	720W	960W	1200W
Max Lumens	33600	67200	100800	134400	168000
Dimensions (mm)	460 x 222 x 111mm	460 x 339 x 111mm	460 x 584 x 111mm	460 x 761 x 111mm	460 x 1072 x 111mm
Qty of LED	343 PCS*3030	686 PCS*3030	1029 PCS*3030	1372 PCS*3030	1715 PCS*3030
Net Weight (kg)	6.55kg	15.20kg	21.20kg	27.00kg	34.00kg
Gross Weight (kg)	7.35kg	16.65kg	23.05kg	29.00kg	37.00kg





NEW

Glimmer

The Glimmer is a premium LED light engineered for outdoor padel courts, featuring IK10 and IP66 ratings, precise beam angles, and excellent uniformity—delivering clear, consistent lighting with minimal glare and maximum durability in all weather conditions.

- Die-casting Aluminum housing,
- IK10 protection design.
- Aluminum frame to protect the lens,
- IP66 waterproof
- 5 year product warranty
- No light leakage.
- Beam angle: 25°, 60°, 90° symmetric.
- 100°x60°, 130°x25°, 130°x40°, 130°x60° Asymmetric.
- Quality LED Chips, 145~170 lm/w high lumen output. SDCM: Macadam ellipse 3step
- 360° angle adjustable Precise angle adjustment to each 5° Easy installation and maintenance



Beam Angle
25°-90°



Input
100-24 Vac



440V
Special Order Only



CRI



IK Rating



Life Hours
185,000



-20° to +50°



Power Factor



IP Rating



Technical Specifications

Input Voltage	100-240Vac
PF	>0.95
Led Brand	Seoul
CRI	>70
CCT	3000/4000/5700K
Beam Angle	25°/60°/90° Symmetric; 100°x60°/130°x25°/130°x40°/130°x60° Asymmetric.
Driver Brand	Meanwell/Inventronics
IK Rating	IK10
IP Rating	IP66
Life Span	185,000
Power Cable	0.3M/1.4M 3X1.0 H05RN-F

Model Specifications

Part Number	GLI 150W-5000K	GLI 230W-5000K	GLI 350W-5000K
Input Voltage (50/60Hz)	100-240 Vac	100-240 Vac	100-240 Vac
LED Power (W)	134-146	212-219	292-312
System Power (W)	145-156	219-232	312-323
Luminous Flux (lm)	23,000-24,600	34,400-36,800	48,400-51,600
Driver	Meanwell	Meanwell	Inventronics
Surge Protection	6/4KV	6/4KV	6/4KV





Zenith

The ZENITH range features modules of either 250W or 300W, with up to five modules combinable to deliver 1250W or 1500W. Offering a high luminous efficacy of 150–170LPW, each module incorporates a die-cast heatsink for superior thermal management and a compact, efficient design.

- Die-casting Technology with ADC12.
- 4mm High Strength Tempered Glass.
- Excellent Thermal Management.
- Bracket Installation.



Beam Angle
30°-140°



Product Warranty
7year



Special Order Only
440V



IP Rating
66



CRI
>70,80,90



IK Rating
08



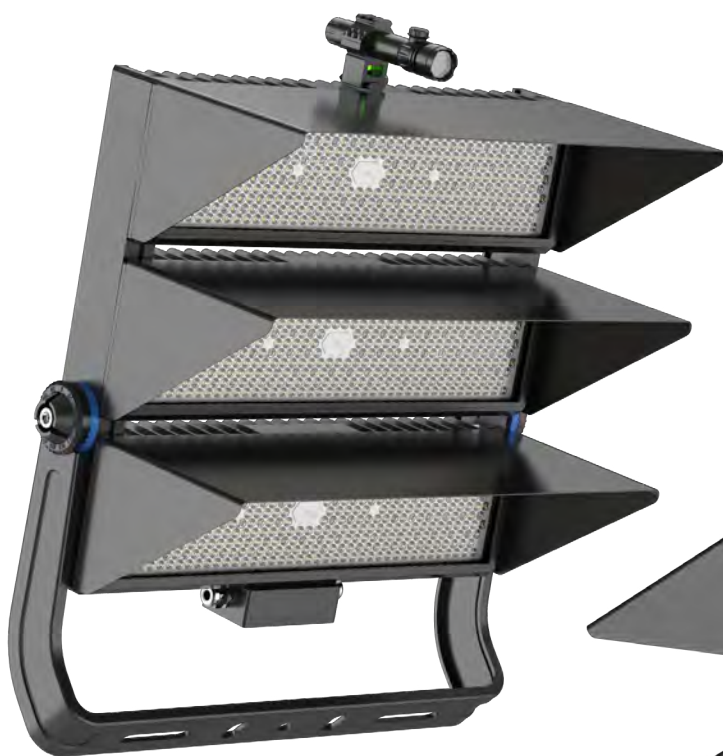
Life Hours
50,000



-35° to +50°



Power Factor
>0.95



Technical Specifications

Input Voltage	AC100-277V, 50-60Hz
Output Voltage	DC48V
PF	>0.95
Led Brand	Lumileds
CRI	Ra>70, 80, 90
CCT	3000-6500K
Beam Angle	10°/25°/45°/60°/90° Asymmetrical 60°
Driver Brand	Meanwell/Sosen
THD	<10%
IK Rating	IK08
IP Rating	IP66
Life Span	50,000Hrs
Certification	UL/ETL/DLC/TUV/CB/ENEC/CE/SAA/FCC/RoHS/CQC

Model Specifications

Part Number	ZEN1-900-5K	ZEN1-1200-5K	ZEN1-1500-5K
Max Power	900W	1200W	1500W
Max Lumens	135000	180000	225000
Dimensions (mm)	560 x 604 x 148mm	560 x 761 x 148mm	560 x 918 x 148mm
Qty of LED	1320 PCS*2835	1760 PCS*2835	2200 PCS*2835
Net Weight (kg)	20.00kg	26.00kg	32.00kg
Gross Weight (kg)	22.00kg	28.00kg	35.00kg





Apex

This solution is ideal for golf ranges nationwide, offering power options from 600W to 1200W. It features a high-strength polycarbonate lens with optical distributions of 10°, 25°, 45°, 60°, or 90°, and includes a built-in shield to minimize light pollution. Double surge protection and a racked handle ensure durability and precise installation.

- ADC12 Aluminium Die-casting Fixture Housing
- Corrosion Resistant Treatment.
- Excellent Thermal Management.
- Optional 4mm High Strength Tempered Glass.
- Bracket Installation.



Beam Angle
30°-140°



Product Warranty
7 year



Special Order Only
440V



IP Rating
66



Power Factor
>0.95



CRI
>70,80,90



IK Rating
08



Life Hours
50,000



Temperature Range
-35° to +50°



Technical Specifications

Input Voltage	AC100-277V 50/60Hz (3 Phase Version Available)
Output Voltage	DC42V
PF	>0.95
Led Brand	Lumileds/Osram
CRI	Ra>70, 80, 90
CCT	3000-6500K
Beam Angle	10°/25°/45°/60°/90°
Driver Brand	Meanwell/SOSEN
THD	<10%
IK Rating	IK08
IP Rating	IP66
Life Span	50,000Hrs
Certification	UL/ETL/DLC/TUV/CB/ENEC/CE/SAA/FCC/RoHS/CQC

Model Specifications

Part Number	APE1-600W-5K	APE1-800W-5K	APE1-1000W-5K	APE1-1200W-5K
Max Power	600W	800W	1000W	1200W
Max Lumens	90000	120000	150000	180000
Dimensions (mm)	522 x 509 x 389mm	681 x 660 x 497mm	681 x 660 x 497mm	681 x 660 x 497mm
Qty of LED	864 PCS*3030	1632 PCS*3030	1632 PCS*3030	1632 PCS*3030
Net Weight (kg)	17.90kg	33.00kg	34.00kg	35.00kg
Gross Weight (kg)	19.90kg	37.00kg	38.00kg	39.00kg





Beacon

The flagship model of the SPORTLUMA floodlight range, featuring an aluminium die-cast fixture with an anti-corrosive resistant treatment and the option of an integral or remote driver. This floodlight is designed to meet the demands of any sports application requiring high light levels (LUX) and uniformity, approved by all sporting governing bodies.

- ADC12 Aluminium Die-casting Fixture Housing.
- Corrosion Resistant Treatment.
- Excellent Thermal Management.
- 4mm High Strength Tempered Glass.
- Bracket Installation.



Beam Angle
10°-90°



Product Warranty



Special Order Only



IP Rating



Power Factor



CRI



IK Rating



Life Hours
50,000



-35° to +50°



Technical Specifications

Input Voltage	AC100-277V,50-60Hz
PF	>0.95
Led Brand	Lumileds/Osram
CRI	Ra>70, 80, 90
CCT	3000-6500K
Beam Angle	10°/15°/25°/45°/60°/90° Asymmetrical 60°
Driver Brand	Meanwell
THD	<10%
IK Rating	IK08
IP Rating	IP66
Life Span	50,000Hrs
Certification	UL/ETL/DLC/TUV/CB/ENEC/CE/SAA/FCC/RoHS/CQC

Model Specifications

Part Number	BEA1-1200-5K	BEA1-1500-5K	BEA1-2000-5K	BEA1-2400-5K
Max Power	1200W	1500W	2000W	2400W
Max Lumens	120000	150000	180000	225000
Dimensions (mm)	775 x 290 x 230mm	775 x 535 x 547mm	775 x 613 x 717mm	775 x 615 x 717mm





NEW

Newmarket

The Newmarket series is an advanced, anti-glare LED low bay lighting solution engineered specifically for environments where visual comfort, precision, and glare reduction are paramount. Delivering a powerful luminous efficacy of 160 lm/W, this fixture utilizes specialized, high-performance optics to shield the human eye from harsh direct light. By minimizing glare and disabling disruptive hot spots, the Newmarket series significantly reduces eye strain, eliminates worker fatigue, and improves workplace safety in low-to-medium ceiling applications.

- Optical Protection: Advanced UGR technology with integrated anti-glare lens film and front shield
- Unified Glare Rating: UGR<19 for optimal visual comfort and reduced eye strain.
- Luminous Efficacy: High efficiency delivering up to 160 lm/W.
- Ingress Protection: IP65 waterproof and dustproof for demanding environments.
- Impact Resistance: Rugged IK10 rating to withstand severe physical impacts.
- Color Consistency: SDCM <6 Macadam ellipse for uniform, high-quality color rendering.
- Color Rendering Index: Ra >80 for excellent visibility and natural color fidelity.
- Symmetric Beam Angles: 60° and 90° options for targeted area distribution.
- Asymmetric Beam Angle: 30° x 90° distribution to minimize stray peripheral glare.
- Chassis Material: Pure aluminum housing with premium thermal conductivity (226 W/Bracket Installation).

Beam Angle 10°-90°	Product Warranty	Special Order Only

CRI >70,80,90	IK Rating 08	Life Hours 50,000

-35° to +50°	IP Rating 66	Power Factor >0.95



Technical Specifications

Input Voltage	100-277 Vac
PF	>0.95
Led Brand	Philips
CRI	>80
CCT	5000K
Beam Angle	30/60/90
Driver Brand	Meanwell
IK Rating	IK10
IP Rating	IP65
Life Span	50,000Hrs
Power Cable	1m

Model Specifications

Part Number	NM-100W-5000K=	NM-150W-5000K=	NM-200W-5000K=	NM-300W-5000K=
Max Power	>0.95	>0.95	>0.95	>0.95
Max Lumens	13000	19500	26000	39000
Lumens P/W	130	130	130	130
Max Lumens	13000	19500	26000	39000
Dimensions (mm)	362 x 257 x 120mm	415 x 310 x 120mm	487 x 362 x 120mm	720 x 365 x 120mm
Suspension Kit	NM-SUS			
Mount Kit	NM-Mount			





Illuminate

The ILLUMINATE range is the perfect solution for replacing outdated T5, T8, and T12 fluorescent tubes in venues for badminton, tennis, cricket, volleyball, and basketball. Available in 50W, 100W, 150W, and 200W options, it also offers a choice of five different beam angles.

- Die-casting Technology with ADC12.
- Optical UV resistant PC lens.
- Excellent Thermal Management.
- Chain/Bracket Installation.



**Product
Warranty**



**Special
Order Only**



IP Rating



CRI



IK Rating



Life Hours
50,000



-35° to +50°



Power Factor



Technical Specifications

Input Voltage	AC100-277V,50-60Hz
Output Voltage	DC42V
PF	>0.95
Led Brand	Lumileds
CRI	Ra>80
CCT	3000-6500K
Beam Angle	25°/45°/60°/90°
Driver Brand	Meanwell
THD	<10%
IK Rating	IK08
IP Rating	IP66
Life Span	50,000Hrs
Certification	UL/ETL/DLC/TUV/CB/ENEC/CE/SAA/FCC/RoHS/CQC

Model Specifications

Part Number	ILL-50-5000K	ILL-50-100-5000K	ILL-150-5000K	ILL-200-500K
Max Power	50W	100W	150W	200W
Max Lumens	7500	15000	22500	30000
Dimensions (mm)	305 x 133 x 70mm	605 x 133 x 70mm	905 x 133 x 70mm	1205 x 133 x 70mm
Qty of LED	343 PCS*3030	686 PCS*3030	1029 PCS*3030	1372 PCS*3030
Net Weight (kg)	1.45kg	2.00kg	2.80kg	3.45kg
Gross Weight (kg)	1.70kg	2.45kg	3.40kg	4.15kg





Alderley I

Adjustable-Power Asymmetric Flood

Compact and streamlined the high performance Alderley Adjustable Power Asymmetric Flood Lights. Boasting premium quality SMD chips, they are ideal for demanding industrial applications including sports grounds, car parks and construction sites. All models feature an adjustable bracket for easy installation.

- Selectable 3 Colour Temperatures
- Selectable Power
- Up to 500W
- Recommended for outdoor use
- Angled bracket for easy installation
- 5 year warranty



Dimmable
No



Input
100-277V



Class I



Life Hours
50,000



-25° to +50°



IP Rating



CRI



IK Rating



Technical Specifications

Part Number	AD1-120AT	AD1-240AT	AD1-500AT
Power Range	80W,100W,120W	150W,200W,240W	300W,400W,500W
Lumens	13300lm - 18500lm	27000lm - 40500lm	49000lm - 78000lm
Max Power	120W	240W	500W
Max Lumens	18500	40500	78000
Operating Temp	-25°+50°	-25°+50°	-25°+50°
Asymmetric Beam Angle	150° x 80°	150° x 80°	150° x 80°
Dimensions (mm)	302 x 314 x 49	460 x 480 x 54	550 x 589 x 56





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