



Flower



Oval



Square



Ring



Diamond



Flat Top Square



Temple



Four Pillar



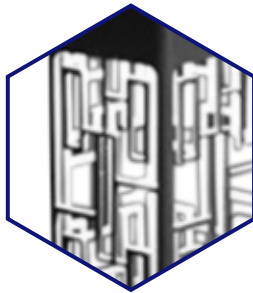
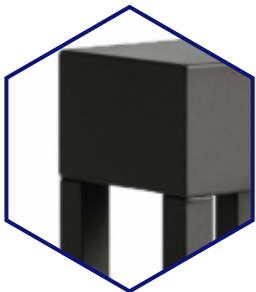
Reverse L



Laser Cut Square

Astro

BOLLARD & COLUMN LIGHT



Application Areas



OFFICES



BANKS



HEALTHCARE



RETAIL



EDUCATIONAL
INSTITUTE



COMMON
AREA



Astro

Bollard & Column Light

ASTRO IP65 LED bollard series is designed for landscape and pathway lighting applications. Constructed from high-grade, corrosion-resistant, powder-coated aluminium, it features a UV-stabilized, vandal-proof milky or clear diffuser for durable and reliable outdoor performance.

Luminaire Details

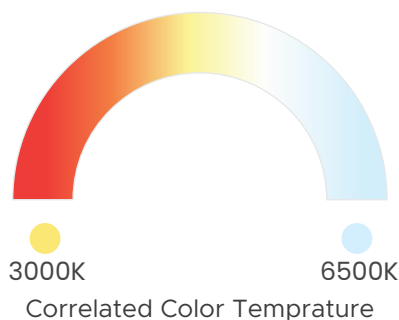
Product Name	: Astro
Product Type	: Bollard
LED Type	: SMD
Fixture Type	: Ground Mounted

Luminaire Source Details

Light Emission	: Outdoor Lighting
Source Brand	: CREE/ OSRAM/ Bridgelux/ Seoul
CRI	: ≥70
McAdam Binning	: Step 5

Luminaire Housing

Body	: Aluminium/ AL & GI Pole
Reflector	: Milky/ Clear
Operating Temperature	: -10° to 50° C
Humidity	: RH 10-90 %
IP Rating	: IP65



Ingress
Protection
IP65

LM
79

LM
80

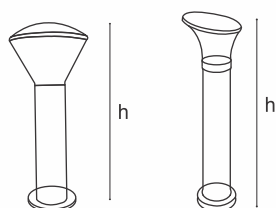
TM
21

Technical Specifications

Wattage	E27/ B22	E27/ B22	E27/ B22	12W
Product Code	ASRE/B-BLRFR-485	ASREB-BLRFR-635	ASRE/B-BLRFR-935	ASR-BLRFR-485
Nominal Input Voltage	240V AC, 50Hz	240V AC, 50Hz	240V AC, 50Hz	240V AC, 50Hz
Luminous Flux	N/A	N/A	N/A	960
Color Temperature	N/A	N/A	N/A	6500K/4000K/3000K
CRI	N/A	N/A	N/A	≥70
P.F.	N/A	N/A	N/A	>0.95
THD	N/A	N/A	N/A	<10%
Surge Protection	N/A	N/A	N/A	Up to 4KV
IP Rating	IP65	IP65	IP65	IP65
Secondary Optics (Lens)	No	No	No	No
Mounting	Ground Mounted	Ground Mounted	Ground Mounted	Ground Mounted
Fixture Color	Graphite Grey	Graphite Grey	Graphite Grey	Graphite Grey
Dimensions(mm)(H)	485(H)	635(H)	935(H)	485(H)
Shape	Flower	Flower	Flower	Flower

Wattage	12W	12W	E27/ B22	E27/ B22
Product Code	ASR-BLRFR-635	ASR-BLRFR-935	ASRE/B-BLROV-450	ASRE/B-BLROV-600
Nominal Input Voltage	240V AC, 50Hz	240V AC, 50Hz	240V AC, 50Hz	240V AC, 50Hz
Luminous Flux	960	960	N/A	N/A
Color Temperature	6500K/4000K/3000K	6500K/4000K/3000K	N/A	N/A
CRI	≥70	≥70	N/A	N/A
P.F.	>0.95	>0.95	N/A	N/A
THD	<10%	<10%	N/A	N/A
Surge Protection	Up to 4KV	Up to 4KV	N/A	N/A
IP Rating	IP65	IP65	IP65	IP65
Secondary Optics (Lens)	No	No	No	No
Mounting	Ground Mounted	Ground Mounted	Ground Mounted	Ground Mounted
Fixture Color	Graphite Grey	Graphite Grey	Graphite Grey	Graphite Grey
Dimensions(mm)(H)	635(H)	935(H)	450(H)	600(H)
Shape	Flower	Flower	Oval	Oval

Line Diagram

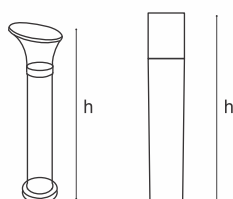


Technical Specifications

Wattage	E27/ B22	12W	12W	12W
Product Code	ASRE/B-BLROV-900	ASR-BLROV-450	ASR-BLROV-600	ASR-BLROV-900
Nominal Input Voltage	240V AC, 50Hz	240V AC, 50Hz	240V AC, 50Hz	240V AC, 50Hz
Luminous Flux	N/A	960	960	960
Color Temperature	N/A	6500K/4000K/3000K	6500K/4000K/3000K	6500K/4000K/3000K
CRI	N/A	≥70	≥70	≥70
P.F.	N/A	>0.95	>0.95	>0.95
THD	N/A	<10%	<10%	<10%
Surge Protection	N/A	Up to 4KV	Up to 4KV	Up to 4KV
IP Rating	IP65	IP65	IP65	IP65
Secondary Optics (Lens)	No	No	No	No
Mounting	Ground Mounted	Ground Mounted	Ground Mounted	Ground Mounted
Fixture Color	Graphite Grey	Graphite Grey	Graphite Grey	Graphite Grey
Dimensions(mm)(H)	900(H)	450(H)	600(H)	900(H)
Shape	Oval	Oval	Oval	Oval

Wattage	E27/ B22	E27/ B22	E27/ B22	12W
Product Code	ASRE/B-BLRSQ-300	ASRE-BLRSQ-600	ASRE-BLRSQ-900	ASR-BLRSQ-300
Nominal Input Voltage	240V AC, 50Hz	240V AC, 50Hz	240V AC, 50Hz	240V AC, 50Hz
Luminous Flux	N/A	N/A	N/A	960
Color Temperature	N/A	N/A	N/A	6500K/4000K/3000K
CRI	N/A	N/A	N/A	≥70
P.F.	N/A	N/A	N/A	>0.95
THD	N/A	N/A	N/A	<10%
Surge Protection	N/A	N/A	N/A	Up to 4KV
IP Rating	IP65	IP65	IP65	IP65
Secondary Optics (Lens)	No	No	No	No
Mounting	Ground Mounted	Ground Mounted	Ground Mounted	Ground Mounted
Fixture Color	Graphite Grey	Graphite Grey	Graphite Grey	Graphite Grey
Dimensions(mm)(H)	300(H)	600(H)	900(H)	300(H)
Shape	Square	Square	Square	Square

Line Diagram

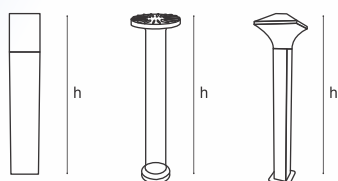


Technical Specifications

Wattage	12W	12W	12W	12W
Product Code	ASR-BLRSQ-600	ASR-BLRSQ-900	ASR-BLRSQ-300	ASR-BLRRG-600
Nominal Input Voltage	240V AC, 50Hz	240V AC, 50Hz	240V AC, 50Hz	240V AC, 50Hz
Luminous Flux	960	960	960	960
Color Temperature	6500K/4000K/3000K	6500K/4000K/3000K	6500K/4000K/3000K	6500K/4000K/3000K
CRI	≥70	≥70	≥70	≥70
P.F.	>0.95	>0.95	>0.95	>0.95
THD	<10%	<10%	<10%	<10%
Surge Protection	Up to 4KV	Up to 4KV	Up to 4KV	Up to 4KV
IP Rating	IP65	IP65	IP65	IP65
Secondary Optics (Lens)	No	No	No	No
Mounting	Ground Mounted	Ground Mounted	Ground Mounted	Ground Mounted
Fixture Color	Graphite Grey	Graphite Grey	Graphite Grey	Graphite Grey
Dimensions(mm)(H)	600(H)	900(H)	300(H)	600(H)
Shape	Square	Square	Square	Ring

Wattage	12W	E27/ B22	E27/ B22	E27/ B22
Product Code	ASR-BLRRG-900	ASRE/B-BLRDD-500	ASRE/B-BLRDD-650	ASRE/B-BLRDD-950
Nominal Input Voltage	240V AC, 50Hz	240V AC, 50Hz	240V AC, 50Hz	240V AC, 50Hz
Luminous Flux	960	N/A	N/A	960
Color Temperature	6500K/4000K/3000K	N/A	N/A	6500K/4000K/3000K
CRI	≥70	N/A	N/A	≥70
P.F.	>0.95	N/A	N/A	>0.95
THD	<10%	N/A	N/A	<10%
Surge Protection	Up to 4KV	N/A	N/A	Up to 4KV
IP Rating	IP65	IP65	IP65	IP65
Secondary Optics (Lens)	No	No	No	No
Mounting	Ground Mounted	Ground Mounted	Ground Mounted	Ground Mounted
Fixture Color	Graphite Grey	Graphite Grey	Graphite Grey	Graphite Grey
Dimensions(mm)(H)	900(H)	500(H)	650(H)	950(H)
Shape	Ring	Diamond	Diamond	Diamond

Line Diagram

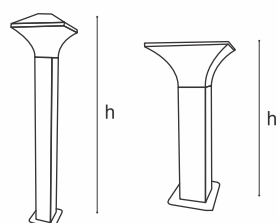


Technical Specifications

Wattage	12W	12W	12W	E27/ B22
Product Code	ASR-BLRDD-500	ASR-BLRD-650	ASR-BLRDD-950	ASRE/B-BLRFS-450
Nominal Input Voltage	240V AC, 50Hz	240V AC, 50Hz	240V AC, 50Hz	240V AC, 50Hz
Luminous Flux	960	960	960	N/A
Color Temperature	6500K/4000K/3000K	6500K/4000K/3000K	6500K/4000K/3000K	N/A
CRI	≥70	≥70	≥70	N/A
P.F.	>0.95	>0.95	>0.95	N/A
THD	<10%	<10%	<10%	N/A
Surge Protection	Up to 4KV	Up to 4KV	Up to 4KV	N/A
IP Rating	IP65	IP65	IP65	IP65
Secondary Optics (Lens)	No	No	No	No
Mounting	Ground Mounted	Ground Mounted	Ground Mounted	Ground Mounted
Fixture Color	Graphite Grey	Graphite Grey	Graphite Grey	Graphite Grey
Dimensions(mm)(H)	500(H)	650(H)	950(H)	450(H)
Shape	Diamond	Diamond	Diamond	Flat Top Square

Wattage	E27/ B22	E27/ B22	12W	12W
Product Code	ASRE-BLRFS-600	ASRE-BLRFS-900	ASR-BLRFS-450	ASR-BLRFS-600
Nominal Input Voltage	240V AC, 50Hz	240V AC, 50Hz	240V AC, 50Hz	240V AC, 50Hz
Luminous Flux	N/A	N/A	960	960
Color Temperature	N/A	N/A	6500K/4000K/3000K	6500K/4000K/3000K
CRI	N/A	N/A	≥70	≥70
P.F.	N/A	N/A	>0.95	>0.95
THD	N/A	N/A	<10%	<10%
Surge Protection	N/A	N/A	Up to 4KV	Up to 4KV
IP Rating	IP65	IP65	IP65	IP65
Secondary Optics (Lens)	No	No	No	No
Mounting	Ground Mounted	Ground Mounted	Ground Mounted	Ground Mounted
Fixture Color	Graphite Grey	Graphite Grey	Graphite Grey	Graphite Grey
Dimensions(mm)(H)	600(H)	900(H)	450(H)	600(H)
Shape	Flat Top Square	Flat Top Square	Flat Top Square	Flat Top Square

Line Diagram

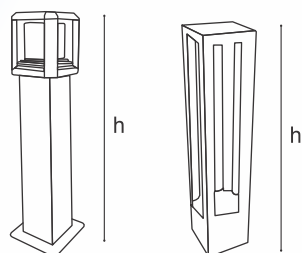


Technical Specifications

Wattage	12W	E27/ B22	E27/ B22	12W
Product Code	ASR-BLRFS-900	ASRE/B-BLRTL-600	ASRE/B-BLRTL-900	ASR-BLRTL-600
Nominal Input Voltage	240V AC, 50Hz	240V AC, 50Hz	240V AC, 50Hz	240V AC, 50Hz
Luminous Flux	960	N/A	N/A	960
Color Temperature	6500K/4000K/3000K	N/A	N/A	6500K/4000K/3000K
CRI	≥70	N/A	N/A	≥70
P.F.	>0.95	N/A	N/A	>0.95
THD	<10%	N/A	N/A	<10%
Surge Protection	Up to 4KV	N/A	N/A	Up to 4KV
IP Rating	IP65	IP65	IP65	IP65
Secondary Optics (Lens)	No	No	No	No
Mounting	Ground Mounted	Ground Mounted	Ground Mounted	Ground Mounted
Fixture Color	Graphite Grey	Graphite Grey	Graphite Grey	Graphite Grey
Dimensions(mm)(H)	900(H)	150x150x600	150x150x900	150x150x600
Shape	Flat Top Square	Temple	Temple	Temple

Wattage	12W	12W	12W
Product Code	ASR-BLRFP-600	ASR-BLRFP-600	ASR-BLRFP-900
Nominal Input Voltage	240V AC, 50Hz	240V AC, 50Hz	240V AC, 50Hz
Luminous Flux	960	960	960
Color Temperature	6500K/4000K/3000K	6500K/4000K/3000K	6500K/4000K/3000K
CRI	≥70	≥70	≥70
P.F.	>0.95	>0.95	>0.95
THD	<10%	<10%	<10%
Surge Protection	Up to 4KV	Up to 4KV	Up to 4KV
IP Rating	IP65	IP65	IP65
Secondary Optics (Lens)	No	No	No
Mounting	Ground Mounted	Ground Mounted	Ground Mounted
Fixture Color	Graphite Grey	Graphite Grey	Graphite Grey
Dimensions(mm)(H)	450(H)	600(H)	900(H)
Shape	Four Pillar	Four Pillar	Four Pillar

Line Diagram



Technical Specifications

Wattage	12W	12W	20W	20W
Product Code	ASR-BLRRRL-300	ASR-BLRRRL-500	ASR-BLRRRL-800	ASR-BLRLZ-600
Nominal Input Voltage	240V AC, 50Hz	240V AC, 50Hz	240V AC, 50Hz	240V AC, 50Hz
Luminous Flux	960	960	1600	1600
Color Temperature	6500K/4000K/3000K	6500K/4000K/3000K	6500K/4000K/3000K	6500K/4000K/3000K
CRI	≥70	≥70	≥70	≥70
P.F.	>0.95	>0.95	>0.95	>0.95
THD	<10%	<10%	<10%	<10%
Surge Protection	Up to 4KV	Up to 4KV	Up to 4KV	Up to 4KV
IP Rating	IP65	IP65	IP65	IP65
Secondary Optics (Lens)	Yes(Assymetric)	Yes(Assymetric)	Yes(Assymetric)	No
Mounting	Ground Mounted	Ground Mounted	Ground Mounted	Ground Mounted
Fixture Color	Graphite Grey	Graphite Grey	Graphite Grey	Graphite Grey
Dimensions(mm)(LXBXH)	300(H)	500(H)	800(H)	150x150x600
Shape	Reverse L	Reverse L	Reverse L	Laser Cut Square

Line Diagram

