

LED SPOTLIGHT SPECIFICATION SHEET

Recessed LED Spotlights for Retail and Hospitality Ceilings

Our spotlight programme is the core of the factory. Four families share the same design logic: the diode sits deep behind a coated reflector, the beam angle is chosen per project, and the aperture steps through a fixed ladder of cutout sizes so one ceiling plan can carry several light distributions.



Published Specifications

Circular Border Series (12 models)

Model	Power	Beam Angle	Dimensions (mm)	Cutout (mm)	Chip	Finish
WA02-95	30 W	15/24/36/50°	102 x 92.5	Ø95	1616-11	-
WA02-85	25 W	15/24/36/50°	92 x 87.3	Ø85	1616-11	-
WA02-75	18 W	15/24/36/50°	82 x 82.3	Ø75	1313-08	-
WA02-65	15 W	15/24/36/50°	72 x 77.8	Ø65	1313-08	-
WA02-55	12 W	15/24/36/50°	62 x 72.5	Ø55	1313-08	-
WA02-45	7 W	15/24/36/50°	52 x 72.3	Ø45	1313-08	-
WA01-95	30 W	15/24/36/50°	102 x 116	Ø95	1616-11	-
WA01-85	25 W	15/24/36/50°	92 x 103	Ø85	1616-11	-
WA01-75	12 W	15/24/36/50°	82 x 92	Ø75	1313-08	-
NO1-65	10 W	15/24/36/50°	72 x 80	Ø65	1313-08	-
WA01-55	7 W	15/24/36/50°	62 x 90	Ø55	1313-08	-
WA01-47	5 W	15/24/36/50°	52 x 90	Ø47	1313-08	-

Diamond Series (8 models)

Model	Power	Beam Angle	Dimensions (mm)	Cutout (mm)	Chip	Finish
SD2201-08	3 W	15/24/36°	Ø40 x H60	Ø45	1313	-
SD2201-07	3 W	15/24/36°	Ø40 x H60	Ø35	1313	-
SD2201-06	3-6 W	15/24/36°	Ø50 x H60	Ø55	1313	-
SD2201-05	3-6 W	10/15/24/36/55°	Ø50 x H60	Ø45	1507/1313	-
SD2201-04	8 W	10/15/24/36/55°	Ø65 x H70	Ø65	1507/1313	-
SD2201-03	8 W	10/15/24/36/55°	Ø65 x H70	Ø55	1507/1313	-
SD2201-02	12 W	10/15/24/36/55°	Ø80 x H80	Ø80	1507/1313	-
SD2201-01	12 W	10/15/24/36/55°	Ø80 x H80	Ø75	1507/1313	-

Round Borderless Series (5 models)

Model	Power	Beam Angle	Dimensions (mm)	Cutout (mm)	Chip	Finish
WA01-95-N	30 W	15/24/36/50°	125 x 116	Ø95	1616-11	-
WA01-85-N	25 W	15/24/36/50°	113 x 103	Ø85	1616-11	-
WA01-75-N	12 W	15/24/36/50°	100 x 92	Ø75	1313-08	-
WA01-65-N	10 W	15/24/36/50°	92 x 80	Ø65	1313-08	-
WA01-55-N	7 W	15/24/36/50°	82 x 90	Ø55	1313-08	-

S1 Series (19 models)

Model	Power	Beam Angle	Dimensions (mm)	Cutout (mm)	Chip	Finish
YY51022	6-7 W/3 W	15/24/38°	52 x 52 x H80 (6-7 W) / 52 x 52 x H45 (3 W)	Ø45	SMD	Gun black
YY51021	6-7 W/3 W	15/24/38°	52 x H80 (6-7 W) / 52 x H45 (3 W)	Ø45	SMD	Gun black
YY51004	6-7 W/3 W	15/24/38°	41 x H80 (6-7 W) / 41 x H45 (3 W)	Ø35	SMD	Gun black
YY51003	6-7 W/3 W	15/24/38°	41 x H80 (6-7 W) / 41 x H45 (3 W)	Ø35	SMD	Gun black
YY51002	6-7 W/3 W	15/24/38°	51 x H92 (6-7 W) / 51 x H52 (3 W)	Ø45	SMD	Gun black
YY51001	6-7 W/3 W	15/24/38°	51 x H92 (6-7 W) / 51 x H52 (3 W)	Ø45	SMD	Gun black
YY71007A	12 W	15/24/38/60°	72 x H86	Ø65	1304/0202/1507	matte black / matte white
YY71005A	8 W	15/24/38/50°	52 x H79	Ø45	1304	matte black / matte white
YY71004	8 W	15/24/38/50°	41 x H79	Ø35	1304	matte black / matte white
YY71014	30 W	15/24/38/60°	-	Ø95	-	Gun black / bright silver / matte black / matte white
YY71011	12 W	15/24/38/60°	82 x H86	Ø55	1304/020/1204/1507	Gun black / bright silver / matte black / matte white

Model	Power	Beam Angle	Dimensions (mm)	Cutout (mm)	Chip	Finish
YY71012	12 W	15/24/38/60°	90 x H86	Ø65	1304/020/120 4/1507	Gun black / bright silver / matte black / matte white
YY71009	8 W	5/8/10/15/24/38/5 0°	82 x H86	Ø55	1304	Gun black / bright silver / matte black / matte white
YY71010	8 W	5/8/10/15/24/38/5 0°	70 x H86	Ø45	1304	Gun black / bright silver / matte black / matte white
YY71013	30 W	15/24/38/60°	-	Ø95	1304/020/120 4/1507	Gun black / bright silver / matte black / matte white
YY71008	12 W	15/24/38/60°	82 x H86	Ø75	1304/020/120 4/1507	Gun black / bright silver / matte black / matte white
YY71007	12 W	15/24/38/60°	72 x H86	Ø65	1304/020/120 4/1507	Gun black / bright silver / matte black / matte white
YY71006	8 W	5/8/10/15/24/38/5 0°	62 x H86	Ø55	1304	Gun black / bright silver / matte black / matte white
YY71005	8 W	5/8/10/15/24/38/5 0°	52 x H86	Ø45	1304	Gun black / bright silver / matte black / matte white

Selection Notes

- Deep-set light source with gun black, matt black, matt white or bright silver reflectors
- Beam angles from 5° to 60° depending on the family
- Cutouts from Ø35 mm to Ø95 mm across the four series
- Die-cast aluminium bodies produced in our own casting workshop

Typical Applications

Fashion and jewellery retail, Hotel lobbies and corridors, Showrooms and galleries, Office reception areas.

About The Manufacturer

Jiangmen YiYo Lighting Co., Ltd was established in 2009 and researches, designs and manufactures commercial LED lighting. The 3000 m2 factory in Hetang Town, Pengjiang District, Jiangmen City, Guangdong contains its own die-casting workshop, assembly and a standard lighting laboratory. We are the original manufacturer of our own designed products and run ODM and OEM programmes. Figures in this document are the published specifications for each model; certification details and lead times are confirmed per enquiry and per destination market.