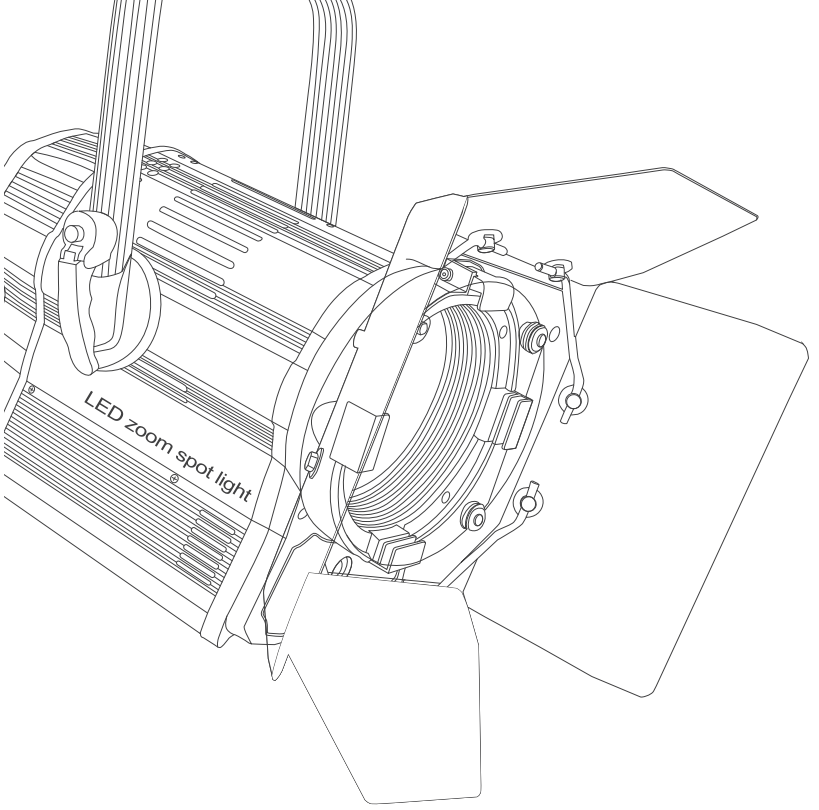


敦帝灯光
DUNDI LIGHT

Professional Stage Lighting Product Catalogue



Company Profile

Guangzhou Dundi Stage Equipment Co., Ltd. is a professional manufacturer and integrated service provider specializing in the R&D, manufacturing, and sales of professional lighting equipment for stages, theaters, television studios, and film and television production. We also provide project design, installation and commissioning, technical consulting, and after-sales service.

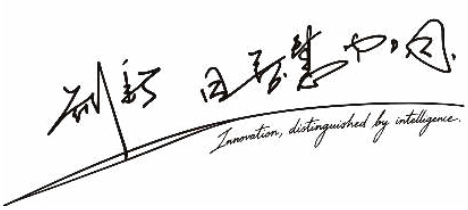
Featuring innovative technologies, reliable performance, competitive pricing, and attentive service, our products have earned widespread recognition from customers in China and many developed markets worldwide. We remain committed to the business philosophy of ¡ Integrity as Our Foundation, Quality as Our Priority, and Independent Innovation.¡– With a rigorous and professional approach, we carefully manage every operational detail, ensuring that our customers can use our products with complete confidence.

Looking ahead, DUNDI will remain committed to professionalism and innovation, continuously developing advanced products that meet evolving industry trends and provide effective lighting solutions for a wide range of professional venues and applications.

We warmly welcome new and long-standing customers to contact us for consultation and technical exchange. We also sincerely value your comments and suggestions regarding our products. With diligence, humility, professional expertise, and comprehensive service, we are committed to supporting the specific needs of every customer.

At DUNDI, there is no best¡“ only better.

Integrity as the Foundation
Quality First
Independent Innovation





Meticulously crafted.
Ingeniously designed.

Catalogue



LED Broadcast & Studio Panel Light

01-08



LED Broadcast & Studio Fresnel Spotlight

09-14



LED Profile Spotlight

15-29



LED Followspot

30-31



LED Audience Blinder

32























Full-Color LED Broadcast & Studio Panel Light



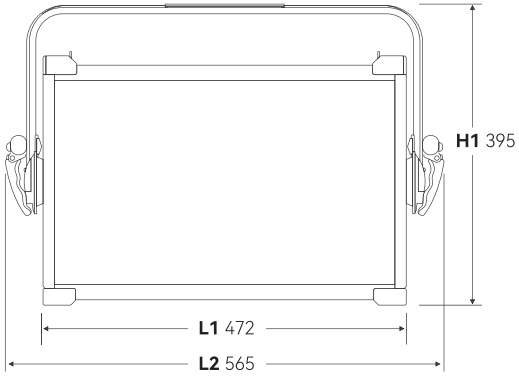


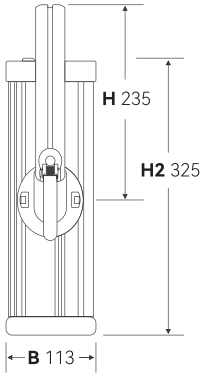






DD-SPC300 | DD-SPC200





Light source

1. LED source: 1,200 × multicolor 2016 LED packages, nominal rating 0.6 W per package.
2. LED lifetime: 50,000¤Cl00,000 hours.

Power & Electrical

1. Input voltage: AC 100-240 V, 50/60 Hz.
2. Maximum power consumption:
DD-SPC300 /300 W model: 2700¤Cl0,000K white: 320 W; Red only: 70 W; Green only: 130 W; Blue only: 130 W
DD-SPC200 /200 W model: 2700¤Cl0,000K white: 210 W; Red only: 60 W; Green only: 110 W; Blue only: 110 W

Control & Operation

1. Display: LCD display with Chinese and English menu interfaces; display size: 35 × 29 mm.
2. Control: DMX512 control and local control via buttons and rotary encoder for dimming, CCT and DUV adjustment.
3. Control protocol: DMX512 with RDM support.
4. DMX modes: 4-channel, 12-channel and 13-channel modes.
5. Dimming: 16-bit or higher smooth and linear flicker-free dimming with no perceptible delay; PWM frequency ≥28 kHz.
6. Dimming modes: 7 selectable dimming modes.
7. Cooling & Noise: The 300 W model uses intelligent variable-speed fan cooling. Fan speed is automatically adjusted according to fixture output. Below 50% output, the fan stops automatically. Maximum fan noise is ≤29 dBA at 1 m. The 200 W model is fanless and operates silently with no fan noise.
8. Operating ambient temperature: −25 °C to +40 °C
9. IP rating: IP20

Color Performance & Optical Specifications

1. **CCT:** Adjustable from 2700 K to 10,000 K with smooth, linear operation via DMX or local rotary control. The corresponding CCT value is shown on the display in 100 K increments. Brightness deviation during CCT adjustment is ≤12%, and CCT remains adjustable at output levels down to 0.5%.
2. **CRI (Ra):** average ≥93
3. **TLCI:** average ≥93
4. **TM-30 Rf:** average ≥92, **TM-30 Rg:** 100-103
5. **DUV(GM) adjustment:** Positive and negative DUV adjustment from approximately +0.018 to −0.020. During DUV adjustment, CCT deviation is ≤5%, average CRI deviation is ≤10%, and average TLCI deviation is ≤10%.
6. **Color control:** 360° hue adjustment with independent saturation control. Includes 72 built-in preset colors and supports individual color-channel adjustment for custom color mixing. Multiple fixtures provide visually consistent color output with no obvious color difference.
7. **Luminous flux :** DD-SPC300/300 W: 2700K: 19,900lm; 3200K: 20,100lm; 5600K: 19,100lm; 10,000K: 18,100lm; Red: 2,600lm; Green: 7,200lm; Blue: 1,700lm
   DD-SPC200/200 W: 2700K: 14,100lm; 3200K: 14,300lm; 5600K: 13,800lm; 10,000K: 13,100lm; Red: 2,300lm; Green: 6,700lm; Blue: 1,600lm
8. **Light-emitting area :** 435 × 255mm
9. **Beam angle :** 105°(FWHM, measured at 50% of center intensity)

Construction & Standard Accessories

1. **Housing material:** Aluminum alloy.
2. **Surface finish:** Anodized or powder-coated finish; custom colors are available according to customer requirements.
3. **Standard accessories:** Barn doors, power input/output connectors, and DMX signal input/output connectors. Additional accessories are available upon request and can be customized to meet specific customer requirements.
4. **Diffusion panel:** Removable and replaceable; alternative diffusion panels can be customized according to application requirements.
5. **Barn doors:** Removable and replaceable.
6. **Anti-glare grid:** Removable and replaceable; grids with different beam-control angles can be customized according to customer requirements.

Dimensions & Weight

1. **Fixture dimensions:** 57 × 15 × 39 cm with barn doors; 57 × 11.5 × 39 cm without barn doors.
2. **Packing dimensions:** 63 × 24 × 48 cm
3. **Net weight:** 11.1 kg (fixture: 9.5 kg; barn doors: 1.6 kg)
4. **Gross weight:** 12.8 kg

Illuminance at Various Throw Distances

DD-SPC300/300W

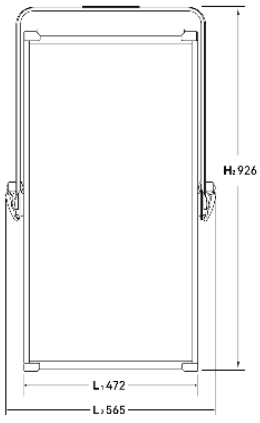
Distance(m)			1	2	3	4	5	6	7	8	9	10
300W	2700K	centre(LUX)	9416	2354	1046	588	377	262	192	147	116	94
	3200K	centre(LUX)	9524	2381	1058	595	381	265	194	149	118	95
	5600K	centre(LUX)	8971	2243	997	561	359	249	183	140	111	90
	10000K	centre(LUX)	8485	2121	943	530	339	235	173	132	105	85
	Single red	centre(LUX)	1360	340	151	85	54	38	28	21	17	14
	Single green	centre(LUX)	3564	891	396	223	143	99	73	56	44	36
	Single blue	centre(LUX)	885	221	98	55	35	25	18	14	11	9

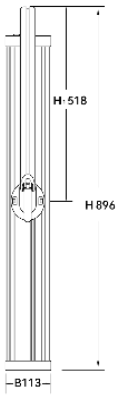
DD-SPC200/200W

Distance(m)			1	2	3	4	5	6	7	8	9	10
200W	2700K	centre(LUX)	6671	1668	741	417	267	185	136	104	82	67
	3200K	centre(LUX)	6777	1694	753	424	271	188	138	106	84	68
	5600K	centre(LUX)	6481	1620	720	405	259	180	132	101	80	65
	10000K	centre(LUX)	6190	1547	688	387	248	172	126	97	76	62
	Single red	centre(LUX)	1111	278	123	69	44	31	23	17	14	11
	Single green	centre(LUX)	3336	834	371	208	133	93	68	52	41	33
	Single blue	centre(LUX)	828	207	92	52	33	23	17	13	10	8





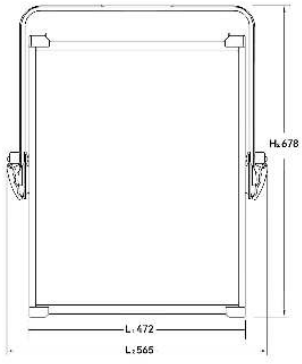


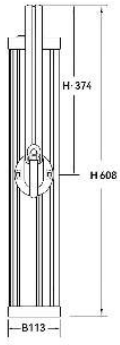


DD-SPC600









DD-SPC400

Light source

1. LED source: 600 W: 3,600 × multicolor 2016 LED packages, nominal rating 0.6 W per package
400 W: 2,400 × multicolor 2016 LED packages, nominal rating 0.6 W per package

2. LED lifetime: 50,000¤C100,000 hours

Power & Electrical

1. Input voltage: AC 100¤C240 V, 50/60 Hz

2. Maximum power consumption: DD-SPC600/600 W model: 2700¤C10,000K white: 650W; Red only: 290W; Green only: 380W; Blue only: 380W
DD-SPC400/400 W model: 2700¤C10,000K white: 430W; Red only: 200W; Green only: 240W; Blue only: 240W

Control & Operation

1. Display: LCD display with Chinese and English menu interfaces; display size: 35 × 29 mm.
2. Control: DMX512 control and local control via buttons and rotary encoder for dimming, CCT and DUV adjustment.
3. Control protocol: DMX512 with RDM support.
4. DMX modes: 4-channel, 12-channel and 13-channel modes.
5. Dimming: 16-bit or higher smooth and linear flicker-free dimming with no perceptible delay; PWM frequency ¡ 28 kHz.
6. Dimming modes: 7 selectable dimming modes.
7. Cooling & Noise: Operates silently with no fan noise.
8. Operating ambient temperature: −25 °C to +40 °C
9. IP rating: IP20

Color Performance & Optical Specifications

1. CCT : Adjustable from 2700 K to 10,000 K with smooth, linear operation via DMX or local rotary control. The corresponding CCT value is shown on the display in 100 K increments. Brightness deviation during CCT adjustment is ≤12%, and CCT remains adjustable at output levels down to 0.5%.
2. CRI (Ra): average ≥93
3.TLCI : average ≥93
4.TM-30 Rf: average ≥92, **TM-30 Rg: 1**00-103
5. DUV(GM) adjustment: Positive and negative DUV adjustment from approximately +0.018 to −0.020. During DUV adjustment, CCT deviation is ≤5% average CRI deviation is ≤10%, and average TLCI deviation is ≤10%.
6. Color control: 360° hue adjustment with independent saturation control. Includes 72 built-in preset colors and supports individual color-channel adjustment for custom color mixing. Multiple fixtures provide visually consistent color output with no obvious color difference.
7. Luminous flux :
DD-SPC600/600 W: 2700K: 42,000lm; 3200K: 42,500lm; 5600K: 41,000lm; 10,000K: 29,000lm; Red: 6,700lm; Green: 19,000lm; Blue: 4,500lm
DD-SPC400/400 W: 2700K: 28,100lm; 3200K: 28,500lm; 5600K: 27,700lm; 10,000K: 26,100lm; Red: 4,500lm; Green: 13,300lm; Blue: 3,100lm
8. Light-emitting area: 600 W: 435 × 832mm; 400 W: 435 × 543mm
9. Beam angle: 105° (FWHM, measured at 50% of center intensity)

Construction & Standard Accessories

1. Housing material: Aluminum alloy.
2. Surface finish: Anodized or powder-coated finish; custom colors are available according to customer requirements.
3. Standard accessories: Power input/output connectors, and DMX signal input/output connectors.
Additional accessories are available upon request (Barn doors; Diffusion panel; Anti-glare grid; and can be customized to meet specific customer requirements)

Dimensions & Weight

1. Fixture dimensions: 600 W: 57 × 15 × 98cm
400 W: 57 × 15 × 69cm
2. Packing dimensions: Determined according to the customer's requirements.
3. Net weight: 600 W: 24.5kg; 400 W: 17kg

Illuminance at Various Throw Distances

DD-SPC600/600W

Distance(m)			1	2	3	4	5	6	7	8	9	10	11	12	13	14
600W	2700K	centre(LUX)	13070	3952	1830	1106	756	561	435	355	292	243	199	169	144	126
	3200K	centre(LUX)	13440	4061	1879	1136	777	577	448	366	302	250	205	175	149	129
	5600K	centre(LUX)	14130	4275	1977	1193	811	599	469	382	315	262	215	184	157	136
	10000K	centre(LUX)	13540	4031	1898	1145	778	575	442	360	303	251	206	176	150	131
	Single red	centre(LUX)	1606	487	224	135	93	69	54	44	36	30	24	20	17	15
	Single green	centre(LUX)	8366	2516	1162	697	472	348	274	223	183	152	125	107	91	79
	Single blue	centre(LUX)	1607	467	211	133	89	69	50	40	33	27	22	18	17	15

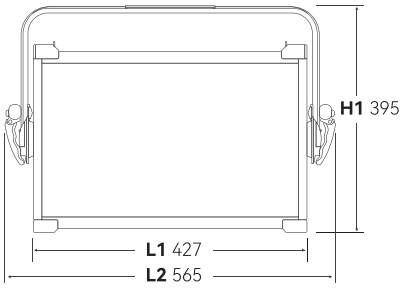
DD-SPC400/400W

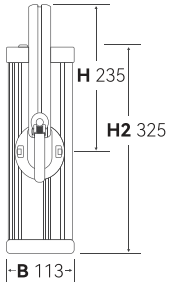
Distance(m)			1	2	3	4	5	6	7	8	9	10	11	12	13	14
400W	2700K	centre(LUX)	8825	2532	1213	716	497	369	289	233	193	158	130	111	96	83
	3200K	centre(LUX)	9105	2604	1248	736	512	381	297	238	199	164	134	115	99	86
	5600K	centre(LUX)	9408	2706	1296	759	530	395	308	247	206	170	139	117	101	88
	10000K	centre(LUX)	9023	2598	1245	729	501	370	295	236	196	162	133	113	96	83
	Single red	centre(LUX)	1125	317	151	90	62	46	36	28	23	19	16	14	12	10
	Single green	centre(LUX)	5673	1621	772	451	308	234	182	146	122	101	81	69	59	51
	Single blue	centre(LUX)	1074	295	147	85	58	42	32	26	21	18	15	13	11	9

CCT tuneable LED Broadcast & Studio Panel Light



DD-SPW300 DD-SPW200













Light source

1. LED source: 1,920 × 2835 LEDs, including 960 warm-white and 960 cool-white LEDs. Each LED is rated at 0.6 W and operated at only 0.2¤Œ0.35 W for high efficiency, low operating temperature and long service life.

2. LED lifetime: 50,000– 100,000 hours

Power & Electrical

1. Input voltage: AC 100– 240 V, 50/60 Hz

2. Maximum power consumption: DD-SPW300 /300 W model: 310W; DD-SPW200 /200 W model: 220W; Continuous operating power remains stable without power reduction.

Control & Operation

1. Display: LCD display with Chinese and English menu interfaces; display size: 35 × 29 mm.

2. Control: DMX512 control and local control via buttons and rotary encoder for dimming, CCT adjustment.

3. Control protocol: DMX512 with RDM support.

4. DMX modes: 3-channel, 4-channel modes.

5. Dimming: 16-bit or higher smooth and linear flicker-free dimming with no perceptible delay; PWM frequency ¡ 28 kHz.

6. Dimming modes: 6 selectable dimming modes.

7. Cooling & Noise: The 300 W model uses intelligent variable-speed fan cooling. Fan speed is automatically adjusted according to fixture output. Below 50% output, the fan stops automatically. Maximum fan noise is ≤29 dBA at 1 m. The 200 W model is fanless and operates silently with no fan noise.

8. Operating ambient temperature: −25 °C to +40 °C

9. IP rating: IP20

Color Performance & Optical Specifications

1. CCT : 2700¤Œ6200 K continuously adjustable with smooth and linear transition. CCT can be adjusted via DMX or rotary encoder in 100 K steps, with the corresponding value shown on the display. CCT accuracy is within ±3%, power variation within 4%, and brightness variation within 16%during CCT adjustment. CCT remains adjustable at 0.03% brightness.

2. CRI (Ra): average ≥96

3.TLCI : average ≥96

4. TM-30 Rf: average ≥93, **TM-30 Rg:** 102-104

5. Luminous flux :
DD-SPW300 /300 W: 6200K: 22800 lm; 2700K: 20100 lm
DD-SPW200 /200 W: 6200K: 17500 lm; 2700K: 16100 lm

6. Light-emitting area : 435 × 255mm

7. Beam angle : 105° (FWHM, measured at 50% of center intensity)

Construction & Standard Accessories

1. Housing material: Aluminum alloy.

2. Surface finish: Anodized or powder-coated finish; custom colors are available according to customer requirements.

3. Standard accessories: Barn doors, power input/output connectors, and DMX signal input/output connectors. Additional accessories are available upon request and can be customized to meet specific customer requirements.

4. Diffusion panel: Removable and replaceable; alternative diffusion panels can be customized according to application requirements.

5. Barn doors: Removable and replaceable.

6. Anti-glare grid: Removable and replaceable; grids with different beam -control angles can be customized according to customer requirements.

Dimensions & Weight

1. Fixture dimensions: 57 × 15 × 39 cm with barn doors;
57 × 11.5 × 39cm without barn doors

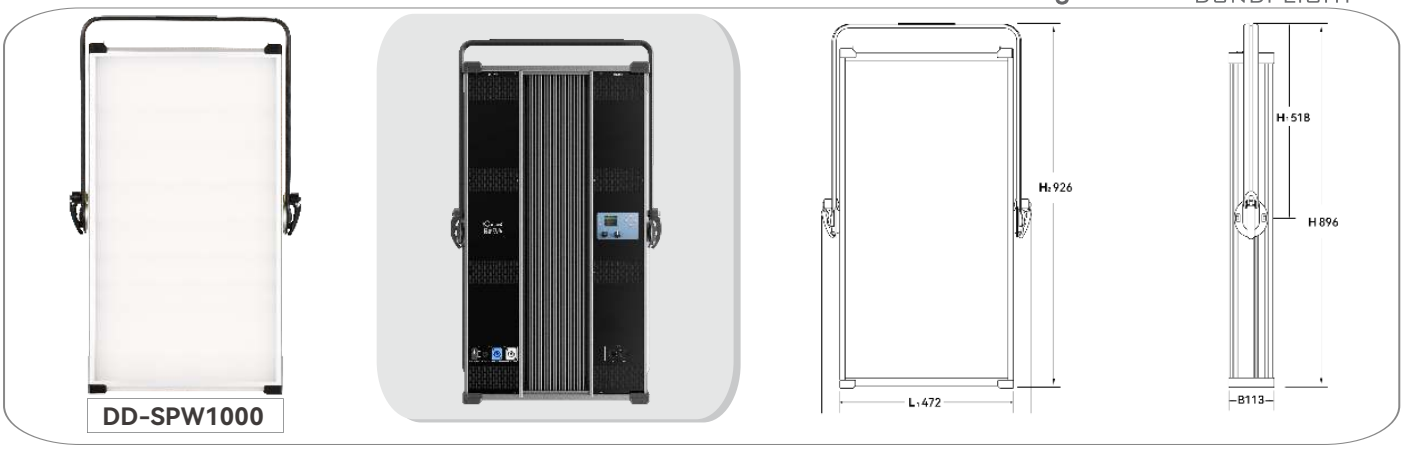
2. Packing dimensions: 63 × 24 × 48cm

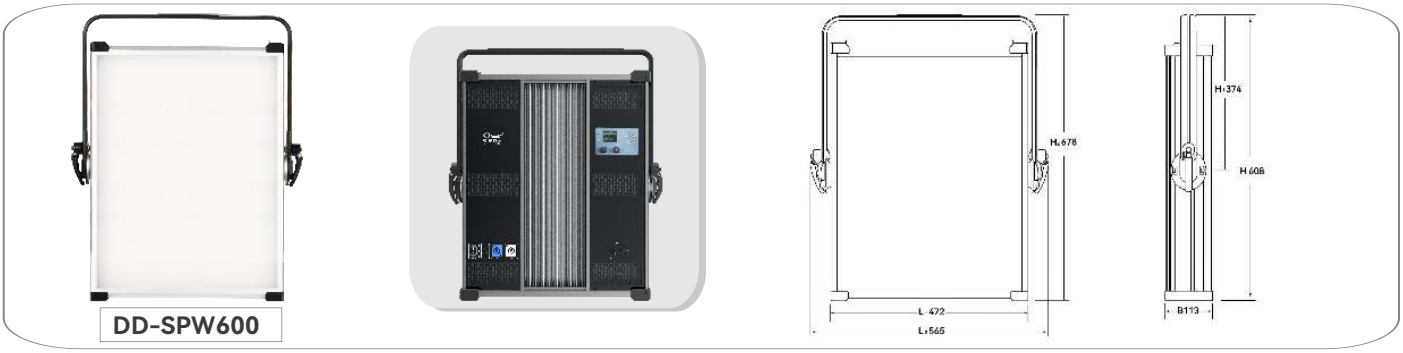
3. Net weight : 11.1 kg (fixture: 9.5 kg; barn doors: 1.6 kg)

4. Gross weight : 12.8kg

Illuminance at Various Throw Distances

Distance(m)		1	2	3	4	5	6	7	8	9	10
300W	2700Kcentre(LUX)	9515	2379	1057	595	381	264	194	149	117	95
	6200Kcentre(LUX)	11051	2763	1228	691	442	307	226	173	136	111
200W	2700Kcentre(LUX)	7416	1854	824	464	297	206	151	116	92	74
	6200Kcentre(LUX)	8221	2055	913	514	329	228	168	128	102	82





Light source

1. LED source: 1000 W: 5,760 × 2835 LEDs, including 2880 warm-white and 2880 cool-white LEDs; 600 W: 3,840 × 2835 LEDs, including 1920 warm-white and 1920 cool-white LEDs.
Each LED is rated at 0.6 W and operated at only 0.4 W for high efficiency, low operating temperature and long service life.

2. LED lifetime: 50,000¤C100,000 hours

Power & Electrical

1. Input voltage: AC 100¤C240 V, 50/60 Hz

2. Maximum power consumption:

DD-SPW1000 /1000 W model: 1010 W

DD-SPW600 /600 W model: 620 W

Continuous operating power remains stable without power reduction.

Control & Operation

1. Display: LCD display with Chinese and English menu interfaces; display size: 35 × 29 mm.

2. Control: DMX512 control and local control via buttons and rotary encoder for dimming, CCT adjustment.

3. Control protocol: DMX512 with RDM support.

4. DMX modes: 3-channel, 4-channel modes.

5. Dimming: 16-bit or higher smooth and linear flicker-free dimming with no perceptible delay; PWM frequency ¡ 28 kHz.

6. Dimming modes: 6 selectable dimming modes.

7. Cooling & Noise: Intelligent variable-speed fan cooling; fan speed automatically adjusts with fixture output, and the fan stops below 50% output with no fan noise.

8. Operating ambient temperature: −25 °C to +40 °C

9. IP rating: IP20

Color Performance & Optical Specifications

1. CCT : 2700¤C6200 K continuously adjustable with smooth and linear transition. CCT can be adjusted via DMX or rotary encoder in 100 K steps, with the corresponding value shown on the display. CCT accuracy is within ±3%, power variation within 4%, and brightness variation within 16% during CCT adjustment. CCT remains adjustable at 0.03% brightness.

2. CRI (Ra): average ≥96

3.TLCI : average ≥96

4.TM-30 Rf: average ≥93, **TM-30 Rg:** 102-104

5. Luminous flux :
DD-SPW1000/1000 W: 6200K: 66500 lm; 2700K: 63600 lm
DD-SPW600/600 W: 6200K: 41700 lm; 2700K: 39800 lm

6. Light-emitting area : 600 W: 435 × 543mm, 1000 W: 435 × 832mm

7. Beam angle : 105°(FWHM, measured at 50% of center intensity)

Construction & Standard Accessories

1. Housing material: Aluminum alloy.

2. Surface finish: Anodized or powder-coated finish; custom colors are available according to customer requirements.

3.Standard accessories: Power input/output connectors, and DMX signal input/output connectors. Additional accessories are available upon request (Barn doors; Diffusion panel; Anti-glare grid; and can be customized to meet specific customer requirements)

Dimensions & Weight

1. Fixture dimensions: 600 W: 57 × 15 × 69cm, 1000 W: 57 × 15 × 98cm

2. Packing dimensions: Determined according to the customer's requirements.

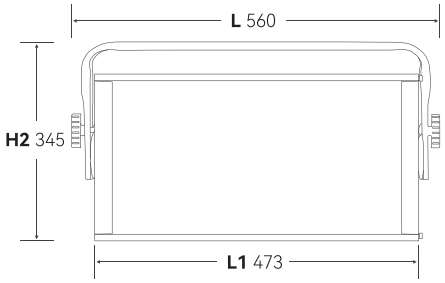
3. Net weight : 600 W: 17kg, 1000 W: 24.5kg

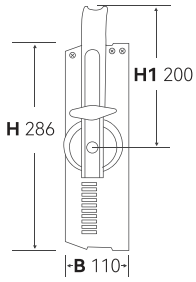
Illuminance at Various Throw Distances

	Distance(m)	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1000W	2700Kcentre(LUX)	21500	6100	2980	1780	1220	910	690	570	460	380	310	260	220	195	170
	6200Kcentre(LUX)	23300	6560	3220	1920	1310	960	740	610	490	410	330	280	240	210	180
600W	2700Kcentre(LUX)	14340	3940	1870	1100	760	560	430	340	280	230	190	160	140	120	102
	6200Kcentre(LUX)	15800	4340	2070	1210	830	610	470	380	310	250	210	170	150	130	110

CCT tuneable LED Broadcast & Studio Panel Light









DD-SP3256A/300W	DD-SP3256B/200W	DD-SP3256C/150W

Light source

1. LED source: 1,920 × 2835 LEDs, including 960 warm-white and 960 cool-white LEDs. Each LED is rated at 0.6 W and operated at only 0.2¤C0.35 W for high efficiency, low operating temperature and long service life.

2. LED lifetime: 50,000¤C100,000 hours

Power & Electrical

1. Input voltage: AC 100¤C240 V, 50/60 Hz

2. Maximum power consumption: DD-SP3256A /300 W: 310W; DD-SP3256B /200 W: 220W; DD-SP3256C /150 W: 160W
Continuous operating power remains stable without power reduction.

Control & Operation

1. Display: LCD display with Chinese and English menu interfaces; display size: 35 × 29 mm.

2. Control: DMX512 control and local control via buttons and rotary encoder for dimming, CCT adjustment.

3. Control protocol: DMX512 with RDM support.

4. DMX modes: 3-channel, 4-channel modes.

5. Dimming: 16-bit or higher smooth and linear flicker-free dimming with no perceptible delay; PWM frequency ¡ 28 kHz.

6. Dimming modes: 6 selectable dimming modes.

7. Cooling & Noise: 300 W and 200 W models use intelligent variable-speed fan cooling. Fan speed automatically adjusts with fixture output, and the fan stops below 50% output. Maximum fan noise at 1 m is ≤35 dBA for 300 W and ≤25 dBA for 200 W. The 150 W model is fanless and operates silently.

8. Operating ambient temperature: −25 °C to +40 °C

9. IP rating: IP20

Color Performance & Optical Specifications

1. CCT : 3200¤C5600 K continuously adjustable with smooth and linear transition. CCT can be adjusted via DMX or rotary encoder in 100 K steps, with the corresponding value shown on the display. CCT accuracy is within ±3%, power variation within 4%, and brightness variation within 8% during CCT adjustment. CCT remains adjustable at 0.03% brightness.

2. CRI (Ra): average ≥96

3.TLCI : average ≥96

4. TM-30 Rf: average ≥93, **TM-30 Rg:** 102-104

5. Luminous flux :
DD-SP3256A /300 W: 5600K/ 24700 lm; 3200K/ 22800 lm
DD-SP3256B /200 W: 5600K/ 18100 lm; 3200K/ 16800 lm
DD-SP3256C /150 W: 5600K/ 14500 lm; 3200K/ 13200 lm

6. Light-emitting area : 420 × 260mm

7. Beam angle : 105° (FWHM, measured at 50% of center intensity)

Construction & Standard Accessories

1. Housing material: Aluminum alloy.

2. Surface finish: Anodized or powder-coated finish; custom colors are available according to customer requirements.

3. Standard accessories: Barn doors, power input/output connectors, and DMX signal input/output connectors. Additional accessories are available upon request and can be customized to meet specific customer requirements.

4. Diffusion panel: Removable and replaceable; alternative diffusion panels can be customized according to application requirements.

5. Barn doors: Removable and replaceable.

6. Anti-glare grid: Removable and replaceable; grids with different beam -control angles can be customized according to customer requirements.

Dimensions & Weight

1. Fixture dimensions: 56 × 14.6 × 36 cm with barn doors; 56 × 11.5 × 34.5 cm without barn doors

2. Packing dimensions: 62 × 23.5 × 42cm

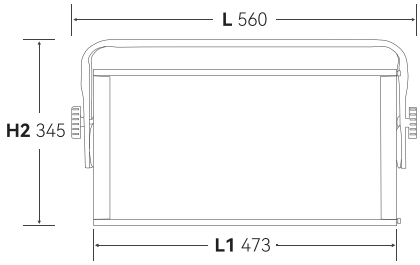
3. Net weight : 9.2 kg (fixture: 7.5 kg; barn doors: 1.7 kg)

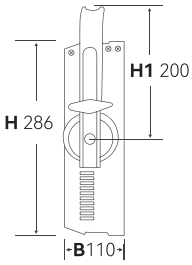
4. Gross weight : 10.5kg

Illuminance at Various Throw Distances

Distance(m)		1	2	3	4	5	6	7	8	9	10
300W	3200Kcentre(LUX)	10877	2719	1209	680	435	302	222	170	134	109
	5600Kcentre(LUX)	11726	2932	1303	733	469	326	239	183	145	117
200W	3200Kcentre(LUX)	8037	2009	893	502	321	223	164	126	99	80
	5600Kcentre(LUX)	8366	2091	930	523	335	232	171	131	103	84
150W	3200Kcentre(LUX)	5926	1577	703	395	252	175	128	98	78	63
	5600Kcentre(LUX)	6623	1656	736	414	265	184	135	103	82	66









DD-SP32A(3200K/300W)	**DD-SP32B**(3200K/200W)	**DD-SP32C**(3200K/150W)
DD-SP56A(5600K/300W)	**DD-SP56B**(5600K/200W)	**DD-SP56C**(5600K/150W)

Light source

1. LED source: 960 × single-CCT 2835 LEDs, 0.6 W rated power per LED, operated at only 0.2¤Œ0.35 W per LED for high efficiency, low operating temperature and long service life.

2. LED lifetime: 50,000–100,000 hours

Power & Electrical

1. Input voltage: AC 100–240 V, 50/60 Hz

2. Maximum power consumption: 310W, 220W or 160W ,continuous operating power remains stable without power reduction.

Control & Operation

1. Display: LCD display with Chinese and English menu interfaces; display size: 35 × 29 mm.

2. Control: DMX512 control and local control via buttons and rotary encoder for dimming adjustment.

3. Control protocol: DMX512 with RDM support.

4. DMX modes: 1-channel modes.

5. Dimming: 16-bit or higher smooth and linear flicker-free dimming with no perceptible delay; PWM frequency ¡ 28 kHz.

6. Dimming modes: 6 selectable dimming modes.

7. Cooling & Noise: 300 W and 200 W models use intelligent variable-speed fan cooling. Fan speed automatically adjusts with fixture output, and the fan stops below 50% output. Maximum fan noise at 1 m is ≤35 dBA for 300 W and ≤25 dBA for 200 W. The 150 W model is fanless and operates silently.

8. Operating ambient temperature: −25 °C to +40 °C

9. IP rating: IP20

Color Performance & Optical Specifications

1. CCT : 3200 K or 5600 K selectable. Custom CCT is available on request.

2. CRI (Ra): average ≥96

3.TLCI : average ≥96

4. TM-30 Rf: ≥93, **TM-30 Rg:** 104

5. Luminous flux :
300W: 5600K/ 25600 lm; 3200K/ 23100 lm
200W: 5600K/ 19200 lm; 3200K/ 17400 lm
150W: 5600K/ 14900 lm; 3200K/ 13800 lm

6. Light-emitting area : 420 × 260mm

7. Beam angle : 105°(FWHM, measured at 50% of center intensity)

Construction & Standard Accessories

1. Housing material: Aluminum alloy.

2. Surface finish: Anodized or powder-coated finish; custom colors are available according to customer requirements.

3. Standard accessories: Barn doors, power input/output connectors, and DMX signal input/output connectors. Additional accessories are available upon request and can be customized to meet specific customer requirements.

4. Diffusion panel: Removable and replaceable; alternative diffusion panels can be customized according to application requirements.

5. Barn doors: Removable and replaceable.

6. Anti-glare grid: Removable and replaceable; grids with different beam-control angles can be customized according to customer requirements.

Dimensions & Weight

1. Fixture dimensions: 56 × 14.6 × 36 cm with barn doors;
56 × 11.5 × 34.5 cm without barn doors.

2. Packing dimensions: 62 × 23.5 × 42 cm

3. Net weight : 9.2 kg (fixture: 7.5 kg; barn doors: 1.7 kg)

4. Gross weight : 10.5kg

Illuminance at Various Throw Distances

Distance(m)		1	2	3	4	5	6	7	8	9	10
300W	3200Kcentre(LUX)	11310	2825	1257	707	452	315	231	177	139	113
	5600Kcentre(LUX)	12195	3049	1355	762	487	338	249	190	151	122
200W	3200Kcentre(LUX)	8358	2089	928	522	335	232	171	131	103	83
	5600Kcentre(LUX)	8695	2172	965	544	348	241	178	136	107	86
150W	3200Kcentre(LUX)	6163	1640	731	411	262	182	133	102	79	65
	5600Kcentre(LUX)	6885	1772	765	430	276	191	140	107	85	68

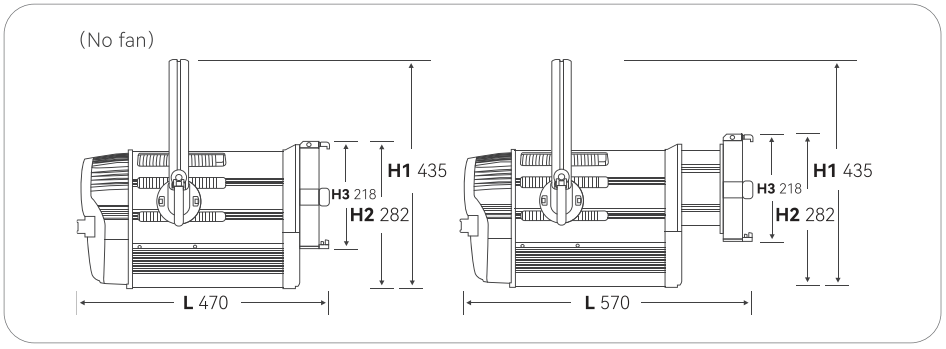


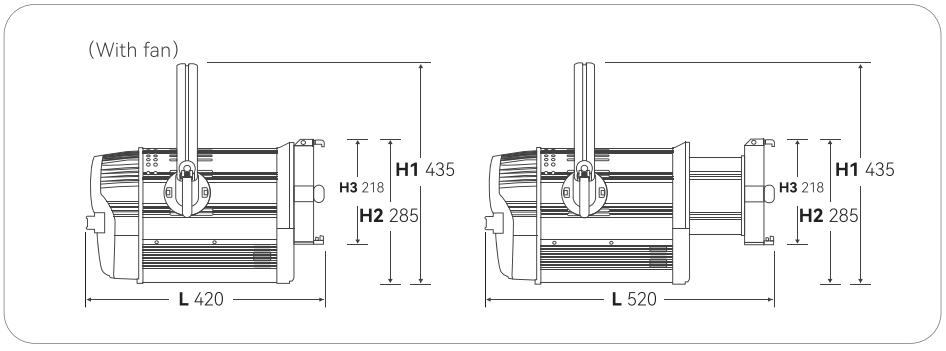
DD-SC200N (No fan)

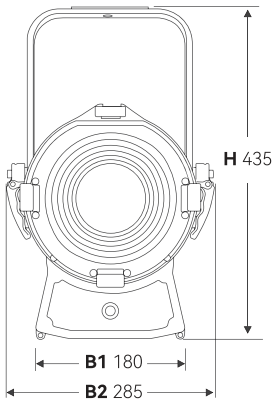


DD-SC200









Light source

1. LED source: 24 × multicolor 5050 LED packages, each with a nominal package rating of up to 24 W. Actual fixture power is electroni-cally limited by the multi-channel drive system.

2. LED lifetime: 50,000–100,000 hours

Power & Electrical

1. Input voltage: AC 100–240 V, 50/60 Hz

2. Maximum power consumption: 220W at 2700¤Cl0,000K white output; Red only: 55W; Green only: 110W; Blue only: 110W

Control & Operation

1. Display: OLED display with Chinese and English menu interfaces; display size: 30 × 15 mm.

2. Control: DMX512 control and local control via buttons and rotary encoder for dimming, CCT, DUV and zoom adjustment.

3. Control protocol: DMX512 with RDM support.

4. DMX modes: 6-channel, 14-channel and 15-channel modes.

5. Dimming: 16-bit or higher smooth and linear flicker-free dimming with no perceptible delay; PWM frequency ¡ 28 kHz

6. Dimming modes: 7 selectable dimming modes.

7. Zoom & position memory: Motorized zoom adjustable via DMX512 or the local rotary encoder. The fixture retains the last-used zoom position after power-off and resumes at that position when powered on; the zoom motor does not automatically reset.

8. Cooling & Noise: Available in standard fan-cooled and fanless versions. The fan-cooled version features intelligent variable-speed cooling. Fan speed is automatically adjusted according to fixture temperature and output level. Under low-output conditions, the fan may stop automatically. Maximum noise level: ≤29 dB at 1 m. The fanless version operates silently with no fan noise.

9. Operating ambient temperature: −25 °C to +40 °C

10. IP rating: IP20

Color Performance & Optical Specifications

1. CCT : Continuously adjustable from 2700 K to 10,000 K with smooth, linear adjustment via DMX or local rotary control. The cor-responding CCT value is shown on the display. Adjustment is available in 100 K increments. CCT accuracy: Brightness deviation during CCT adjustment is ≤12%; Average CCT deviation between narrow and wide beam angles is ≤3%. Average CCT error between beam center and beam edge (half peak brightness position) ≤3%. CCT remains adjustable at output levels down to 0.5%.

2.CRI : average ≥95

3.TLCI : average ≥95

4. TM-30 Rf: average ≥92, **TM-30 Rg:** 100-103

5. DUV(GM) adjustment: Positive and negative DUV adjustment from approximately +0.018 to −0.020. During DUV ad-justment, average CCT deviation is ≤5%, CRI deviation ≤3%, and TLCI deviation ≤6%.

6. Color control: 360° hue adjustment with independent saturation control. Includes 72 built-in preset colors and supports individual color-channel adjustment for custom color mixing. Multiple fixtures provide visually consistent color output with no obvious color difference.

7.Luminous flux : 2700 K: 7100 lm,3200 K: 7400 lm,5600 K: 7500 lm,10,000 K: 6900 lm, Red: 480 lm, Green: 3200 lm, Blue: 760 lm

8.Beam angle : Motorized zoom from 16° to 60°

Construction & Standard Accessories

1. Housing material: Aluminum alloy.

2.Surface finish: Anodized or powder-coated finish; custom colors are available according to customer requirements.

3.Standard accessories: Barn doors, power input/output connectors and signal input/output connectors.Additional accessories are available upon request and can be customized to meet specific customer requirements.

4.Barn doors: Detachable and replaceable; the barn-door assembly can rotate through 360°.

Fan-Cooled vs. Fanless Versions: Both versions share the same optical, color and control specifications. The fanless version is approximately 5 cm longer and 0.7 kg heavier than the fan-cooled version. Pricing varies by version.

Dimensions & Weight

Product Name	Inner size /cm	packing size/cm	NW/kg	GW/kg
With fan	50X28.5X28.5	62X34X40	10.3（light 9.3Kg、 barndoor 1kg）	12
No fan	55X28.5X28.5	62X34X40	11.2（light 10.2Kg、 barndoor 1kg）	13

Beam diameter and illuminance parameters at different distances

Distance(m)		2	3	4	5	6	7	8	9	10	11	12	13	14	15
16°beam diameter£¤m£'		0.56	0.84	1.12	1.41	1.69	1.96	2.24	2.54	2.81	3.09	3.37	3.65	3.94	4.22
60°beam diameter£¤m£'		2.3	3.46	4.62	5.77	6.93	8.08	9.23	10.39	11.55	12.7	13.86	15.01	16.16	17.32
2700K	16°centre(LUX)	12827	5701	3206	2052	1425	1047	802	633	513	424	356	304	262	228
	60°centre(LUX)	1929	857	482	309	214	157	121	95	77	64	54	46	39	34
3200K	16°centre(LUX)	12871	5721	3218	2059	1430	1051	804	636	515	426	358	305	263	229
	60°centre(LUX)	2023	899	506	324	225	165	126	100	81	67	56	48	41	36
5600K	16°centre(LUX)	13368	5941	3342	2139	1485	1091	836	660	535	442	371	316	273	238
	60°centre(LUX)	2013	895	503	322	224	165	126	99	81	67	56	48	41	36
Single red	16°centre(LUX)	897	399	224	143	100	73	56	44	36	30	25	21	18	16
	60°centre(LUX)	134	60	33	21	15	11	8	7	5	4	4	3	2	2
Single green	16°centre(LUX)	5613	2495	1403	898	624	458	351	277	225	186	156	133	115	100
	60°centre(LUX)	874	388	218	140	97	71	55	43	35	29	24	21	18	16
Single blue	16°centre(LUX)	1307	581	327	209	145	107	82	65	52	43	36	31	27	23
	60°centre(LUX)	209	93	52	33	23	17	13	10	8	7	6	5	4	3

CCT tuneable LED Broadcast & Studio Fresnel Spotlight

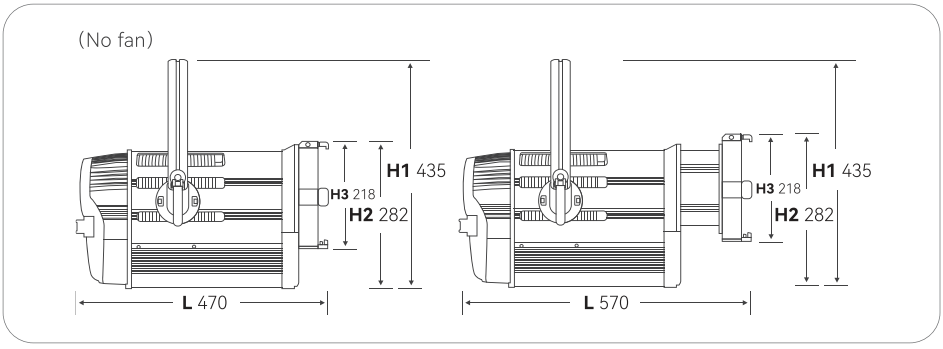


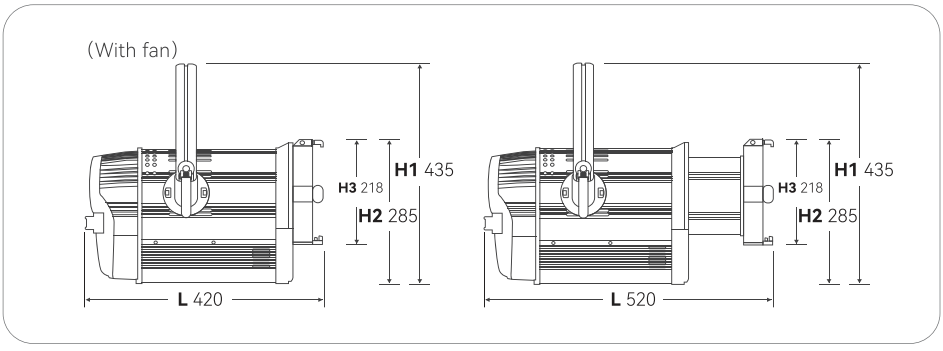
DD-SW200N (No fan)

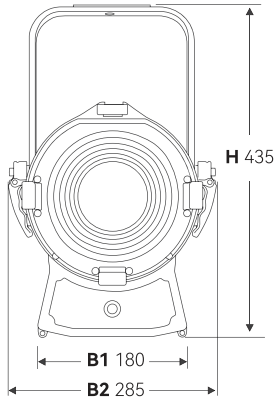


DD-SW300 DD-SW200









Light source

1. LED source: 300 W: 88 × bi-color LEDs, including 44 warm-white and 44 cool-white LEDs, 8 W rated power per LED.
200 W: 88 × bi-color LEDs, including 44 warm-white and 44 cool-white LEDs, 5 W rated power per LED.

2. LED lifetime: 50,000– 100,000 hours.

Power & Electrical

1. Input voltage: AC 100– 240 V, 50/60 Hz.

2. Maximum power consumption: DD-SW300/320W,DD-SW200/230W,DD-SW200N/230W.Continuous operating power remains stable without power reduction.

Control & Operation

1. Display: OLED display with Chinese and English menu interfaces; display size: 30 × 15 mm.

2. Control: DMX512 control and local control via buttons and rotary encoder for dimming, CCT and zoom adjustment.

3. Control protocol: DMX512 with RDM support.

4. DMX modes: 5-channel and 6-channel modes.

5. Dimming: 16-bit or higher smooth and linear flicker-free dimming with no perceptible delay; PWM frequency ¡ 28 kHz

6. Dimming modes: 6 selectable dimming modes.

7. Zoom & position memory: Motorized zoom adjustable via DMX512 or the local rotary encoder. The fixture retains the last-used zoom position after power-off and resumes at that position when powered on; the zoom motor does not automatically reset.

8. Cooling & Noise: Intelligent variable-speed fan cooling; 200 W fanless version available. Fan speed automatically adjusts with fixture output, Under low-output conditions, the fan may stop automatically. Maximum fan noise at 1 m is ≤39 dBA for 300 W and ≤29 dBA for 200 W. The fanless version operates silently.

9. Operating ambient temperature: −25 °C to +40 °C

10. IP rating: IP20

Color Performance & Optical Specifications

1. CCT : Continuously adjustable from 2700 K to 6500 K with smooth, linear adjustment via DMX or local rotary control. The corre-sponding CCT value is shown on the display. Adjustment is available in 100 K increments, CCT accuracy ≤3%, power varia-tion ≤5%, average deviation ≤3%. Beam CCT uniformity: Average CCT deviation between the beam center and surround-ing area, excluding the extreme beam edge, ≤3%. CCT remains adjustable at output levels down to 0.03%.

2.CRI : average ≥95

3.TLCI : average ≥95

4. TM-30 Rf: average ≥92, **TM-30 Rg:** 96-98

5.Luminous flux : 300 W: 2700 K: 14500 lm,6500 K: 19100 lm; 200 W: 2700 K: 11600 lm,6500 K: 14900 lm.

6. Zoom: Motorized zoom from 12° to 60°.

Construction & Standard Accessories

1. Housing material: Aluminum alloy

2. Surface finish: Anodized or powder-coated finish; custom colors are available according to customer requirements.

3.Standard accessories: Barn doors, power input/output connectors and signal input/output connectors.Additional accessories are available upon request and can be customized to meet specific customer requirements.

4. Barn doors: Detachable and replaceable; the barn-door assembly can rotate through 360°.

Fan-Cooled vs. Fanless Versions: Fanless Versions available only for the 200 W model. Performance specifications are the same as the fan-cooled version, except that the fanless version is 5 cm longer, 0.7 kg heavier, and differently priced.

Dimensions & Weight

Product Name	Inner size /cm	packing size/cm	NW/kg	GW/kg
With fan	50X28.5X28.5	62X34X40	10.3（light 9.3Kg、 barndoor 1kg）	12
No fan	55X28.5X28.5	62X34X40	11.2（light 10.2Kg、 barndoor 1kg）	13

Beam diameter and illuminance parameters at different distances

Distance(m)		2	3	4	5	6	7	8	9	10	11	12	13	14	15
12°beam diameter£¤m£'		0.42	0.62	0.84	1.05	1.26	1.47	1.68	1.89	2.1	2.31	2.52	2.73	2.94	3.2
60°beam diameter£¤m£'		2.3	3.46	4.62	5.77	6.93	8.08	9.23	10.4	11.6	12.7	13.9	15	16.2	17.3
300W 2700K	12°centre(LUX)	30882	13725	7720	4941	3431	2521	1930	1525	1235	1021	858	731	630	549
	60°centre(LUX)	6492	2885	1623	1039	721	530	406	321	260	215	180	154	132	115
200W 2700K	12°centre(LUX)	25317	11252	6329	4051	2813	2067	1587	1250	1013	837	703	599	517	450
	60°centre(LUX)	5027	2234	1257	804	559	410	314	248	201	166	140	119	103	89
300W 6500K	12°centre(LUX)	39934	17748	9983	6389	4437	3260	2496	1972	1597	1320	1109	945	815	710
	60°centre(LUX)	8423	3743	2106	1348	936	688	526	416	337	278	234	199	172	150
200W 6500K	12°centre(LUX)	31803	14134	7951	5088	3534	2596	1988	1571	1272	1051	883	753	649	565
	60°centre(LUX)	6221	2765	1555	995	691	508	389	307	249	206	173	147	127	111

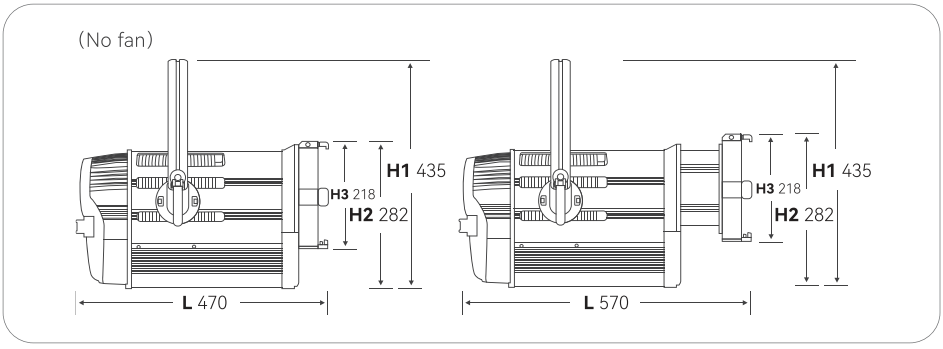


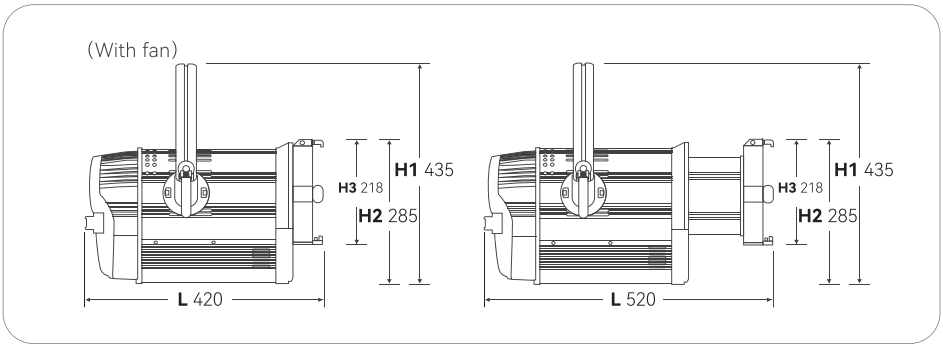
DD-S56N (5600K) No fan　DD-S32N (3200K) No fan

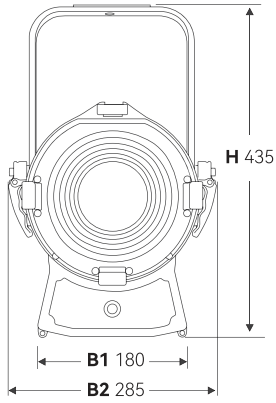


DD-S56A (5600K/300W)　DD-S56B (5600K/200W)
DD-S32A (3200K/300W)　DD-S32B (3200K/200W)









Light source

1. LED source: 300 W: 88 × single-CCT LEDs, 5 W rated power per LED; 200 W: 88 × single-CCT LEDs, 3 W rated power per LED.
2. LED lifetime: 50,000¤C100,000 hours.

Power & Electrical

1. Input voltage: AC 100¤C240 V, 50/60 Hz.
2. Maximum power consumption: 320 W or 230 W, Continuous operating power remains stable without power reduction.

Control & Operation

1. Display: OLED display with Chinese and English menu interfaces; display size: 30 × 15 mm.
2. Control: DMX512 control and local control via buttons and rotary encoder for dimming, and zoom adjustment.
3. Control protocol: DMX512 with RDM support.
4. DMX modes: 4-channel and 5-channel modes.
5. Dimming: 16-bit or higher smooth and linear flicker-free dimming with no perceptible delay; PWM frequency ¡ 28 kHz
6. Dimming modes: 6 selectable dimming modes.
7. Zoom & position memory: Motorized zoom adjustable via DMX512 or the local rotary encoder. The fixture retains the last-used zoom position after power-off and resumes at that position when powered on; the zoom motor does not automatically reset.

8. Cooling & Noise: Intelligent variable-speed fan cooling; 200 W fanless version available. Fan speed automatically adjusts with fixture output, Under low-output conditions, the fan may stop automatically. Maximum fan noise at 1 m is ≤39 dBA for 300 W and ≤29 dBA for 200 W. The fanless version operates silently.

9. Operating ambient temperature: −25 °C to +40 °C

10. IP rating: IP20

Color Performance & Optical Specifications

1. CCT : 3200 K or 5600 K selectable. Custom CCT is available on request. Average CCT deviation between narrow and wide beam angles is ≤3%, and CCT deviation between the beam center and the 50% intensity point is also ≤3%.

2. CRI (Ra): ≥95

3.TLCI : ≥95

4. TM-30 Rf: ≥91, **TM-30 Rg:** 99

5.Luminous flux : 300 W: 3200 K: 16800 lm,5600 K: 21100 lm; 200 W: 3200 K: 13800 lm,5600 K: 17300 lm

6. Zoom: Motorized zoom from 12° to 60°.

Construction & Standard Accessories

1. Housing material: Aluminum alloy

2. Surface finish: Anodized or powder-coated finish; custom colors are available according to customer requirements.

3. Standard accessories: Barn doors, power input/output connectors and signal input/output connectors.
Additional accessories are available upon request and can be customized to meet specific customer requirements.

4. Barn doors: Detachable and replaceable; the barn-door assembly can rotate through 360°.

Fan-Cooled vs. Fanless Versions: Fanless Versions Available only for the 200 W model. Performance specifications are the same as the fan-cooled version, except that the fanless version is 5 cm longer, 0.7 kg heavier, and differently priced.

Dimensions & Weight

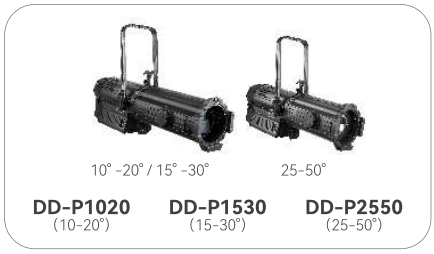
Product Name	Inner size /cm	packing size/cm	NW/kg	GW/kg
With fan	50X28.5X28.5	62X34X40	10.3（light 9.3Kg、 barndoor 1kg）	12
No fan	55X28.5X28.5	62X34X40	11.2（light 10.2Kg、 barndoor 1kg）	13

Beam diameter and illuminance parameters at different distances

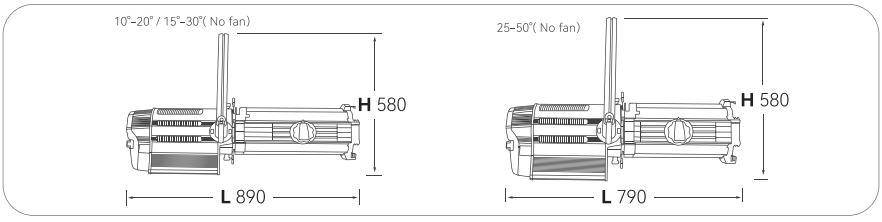
Distance(m)		2	3	4	5	6	7	8	9	10	11	12	13	14	15
12°beam diameter£¤m£'		0.42	0.62	0.84	1.05	1.26	1.47	1.68	1.89	2.1	2.31	2.52	2.73	2.94	3.2
60°beam diameter£¤m£'		2.3	3.46	4.62	5.77	6.93	8.08	9.23	10.4	11.6	12.7	13.9	15	16.2	17.3
300W 3200K	12°centre(LUX)	38600	17156	9650	6180	4288	3151	2410	1906	1543	1275	1072	913	787	686
	60°centre(LUX)	8115	3606	2028	1295	901	662	507	401	325	269	225	192	165	142
200W 3200K	12°centre(LUX)	31647	14065	7911	5067	3516	2583	1977	1562	1266	1046	878	748	646	562
	60°centre(LUX)	6283	2792	1571	1005	698	512	392	310	251	207	175	149	129	111
300W 5600K	12°centre(LUX)	51836	23038	12959	8293	5759	4232	3240	2560	2074	1713	1440	1226	1058	922
	60°centre(LUX)	9550	4245	2380	1526	1062	780	596	471	382	316	265	226	195	170
200W 5600K	12°centre(LUX)	41431	18414	10358	6629	4603	3382	2589	2046	1657	1370	1151	981	846	737
	60°centre(LUX)	7111	3160	1778	1138	790	580	444	351	284	235	198	168	145	126

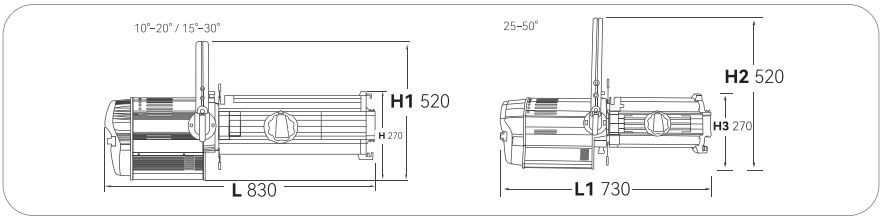
Full-Color LED Zoom Profile Spotlight

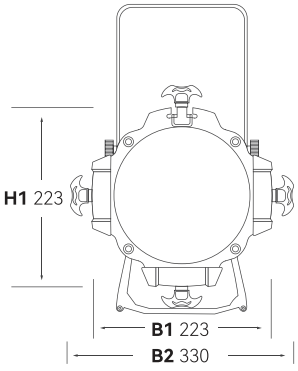












Light source

1. LED source: 24 × multicolor 5050 LED packages, each with a nominal package rating of up to 24 W. Actual fixture power is electronically limited by the multi-channel drive system.

2. LED lifetime: 50,000–100,000 hours

Power & Electrical

1. Input voltage: AC 100–240 V, 50/60 Hz

2. Maximum power consumption: 220W at 2700¤C10,000K white output; Red only: 55W; Green only: 110W; Blue only: 110W

Control & Operation

1.Display screen : OLED display with Chinese and English menu interfaces; display size: 30 × 15 mm.

2.Control model : DMX512 control and local control via buttons and rotary encoder for dimming, CCT and DUV adjustment.

3.Control protocol: DMX512 with RDM support.

4.DMX modes: 4-channel, 12-channel and 13-channel modes.

5.Dimming: 16-bit or higher smooth and linear flicker-free dimming with no perceptible delay; PWM frequency ≥28 kHz.

6. Dimming modes: 7 selectable dimming modes.

7. Zoom: Manual zoom.

8. Cooling & Noise: Available in standard fan-cooled and fanless versions. The fan-cooled version features intelligent variable-speed cooling. Fan speed is automatically adjusted according to fixture temperature and output level. Under low-output conditions, the fan may stop automatically. Maximum noise level: ≤29 dBA at 1 m. The fanless version operates silently with no fan noise.

9. Operating ambient temperature: −25 °C to +40 °C

10. IP rating: IP20

Color Performance & Optical Specifications

1. CCT : Continuously adjustable from 2700 K to 10,000 K with smooth, linear adjustment via DMX or local rotary control. The corresponding CCT value is shown on the display. Adjustment is available in 100 K increments. CCT accuracy: Brightness deviation during CCT adjustment is ≤12%; Average CCT deviation between narrow and wide beam angles is ≤3%. Beam CCT uniformity: Average CCT deviation between the beam center and surrounding area, excluding the extreme beam edge, ≤3%. CCT remains adjustable at output levels down to 0.5%.

2.CRI (Ra) : average ≥95

3.TLCI : average ≥95

4.TM-30 Rf: average ≥92, **TM-30 Rg:** 100-103

5. DUV(GM) adjustment: Positive and negative DUV adjustment from approximately +0.018 to −0.020. During DUV adjustment, average CCT deviation is ≤6%, CRI deviation ≤4%, and TLCI deviation ≤7%.

6. Color control: 360° hue adjustment with independent saturation control. Includes 72 built-in preset colors and supports individual color-channel adjustment for custom color mixing. Multiple fixtures provide visually consistent color output with no obvious color difference.

7. Luminous flux: 2700 K: 6300 lm,3200 K: 6400 lm,5600 K: 6700 lm,10,000 K: 6100 lm, Red: 460 lm, Green: 3100 lm, Blue: 700 lm.

8. Zoom ranges: 10°¤C20°, 15°¤C30°, 25°¤C50°

9. Optical system: The light passes through a multi-element optical system incorporating seven optical elements, producing a clean and highly uniform projected beam with minimal yellow or blue edging, no visible dark patterns, minimal chromatic dispersion, excellent color mixing and no ghosting or double-image effect.

Construction & Standard Accessories

1. Housing material: Aluminum alloy

2. Surface finish: Anodized or powder-coated finish; custom colors are available according to customer requirements.

3. Standard accessories: Optical diffusion plate, power input/output connectors and signal input/output connectors. Additional accessories are available upon request and can be customized to meet specific customer requirements.

4. Iris & gobo holder: Optional iris and gobo holder available upon request.

Fan-Cooled vs. Fanless Versions: The fan-cooled and fanless versions share the same optical, color and control specifications. The fanless version is approximately 6 cm longer and 1.1 kg heavier. Pricing varies by version.

Dimensions & Weight

Product Name	Inner size	packing size	Net weight	Gross weight
10-20°	87X29X29cm	94X31.5X33cm	14.5kg	16.5kg
15-30°	87X29X29cm	94X31.5X33cm	14.8kg	16.8kg
25-50°	77X29X29cm	85X31.5X33cm	14.2kg	16kg

Product Name	Inner size	packing size	Net weight	Gross weight
10-20°(Fanless)	93X29X29cm	99X31.5X33cm	15.6kg	17.6kg
15-30°(Fanless)	93X29X29cm	99X31.5X33cm	15.9kg	17.9kg
25-50°(Fanless)	83X29X29cm	94X31.5X33cm	15.3kg	17.1kg

Beam diameter and illuminance parameters at different distances

10-20° full color

Distance(m)		3	6	8	10	12	14	16	18	20	22	24	26	28	30
10°beam diameter£¤m£'		0.53	1.05	1.4	1.75	2.1	2.45	2.8	3.15	3.5	3.85	4.2	4.55	4.9	5.25
20°beam diameter£¤m£'		1.03	2.12	2.83	3.53	4.23	4.94	5.64	6.35	7.05	7.76	8.46	9.7	9.87	10.58
2700K	10°centre(LUX)	12910	3227	1815	1162	807	593	454	359	290	240	202	172	148	129
	20°centre(LUX)	3923	996	560	358	249	183	140	111	90	74	62	53	45	40
3200K	10°centre(LUX)	13359	3340	1879	1202	835	613	470	371	301	248	208	178	153	134
	20°centre(LUX)	4264	1066	600	384	267	196	150	118	96	79	67	57	49	43
5600K	10°centre(LUX)	13789	3447	1939	1241	862	633	485	383	310	256	215	184	158	138
	20°centre(LUX)	4352	1088	612	392	272	200	153	121	98	81	68	58	50	44
Single red	10°centre(LUX)	1162	290	163	105	73	53	41	32	26	22	18	15	13	12
	20°centre(LUX)	385	96	54	35	24	18	14	11	9	7	6	5	4	3
Single green	10°centre(LUX)	6703	1676	943	603	419	308	236	186	151	125	105	89	77	67
	20°centre(LUX)	2175	544	306	196	136	100	76	60	49	40	34	29	25	22
Single blue	10°centre(LUX)	1381	345	194	124	86	63	49	38	31	26	22	18	16	14
	20°centre(LUX)	506	127	71	46	32	23	18	14	11	9	8	7	6	5

15-30° full color

Distance(m)		3	4	5	6	7	8	9	10	12.5	15	17.5	20
15°beam diameter£¤m£'		0.79	1.05	1.32	1.58	1.84	2.11	2.37	2.63	3.16	3.95	4.61	5.27
30°beam diameter£¤m£'		1.61	2.14	2.68	3.22	3.75	4.29	4.82	5.36	6.7	8.04	9.38	10.72
2700K	15°centre(LUX)	8162	4591	2938	2040	1499	1148	907	735	470	327	239	184
	30°centre(LUX)	2519	1418	907	630	463	354	280	227	145	101	75	57
3200K	15°centre(LUX)	8366	4706	3011	2092	1536	1176	929	753	482	335	246	188
	30°centre(LUX)	2568	1445	924	642	471	361	286	231	148	103	76	58
5600K	15°centre(LUX)	8664	4873	3119	2166	1592	1218	963	780	499	347	254	195
	30°centre(LUX)	2659	1495	958	665	488	374	295	239	153	106	78	60
Single red	15°centre(LUX)	757	426	273	189	139	106	84	68	44	30	22	17
	30°centre(LUX)	223	125	80	56	41	32	25	20	13	8	6	5
Single green	15°centre(LUX)	4313	2427	1553	1078	793	607	479	389	249	172	127	97
	30°centre(LUX)	1320	742	475	330	243	186	147	119	76	53	39	29
Single blue	15°centre(LUX)	845	476	305	211	155	119	93	76	48	34	25	19
	30°centre(LUX)	333	187	120	83	61	47	37	30	19	14	9	7

25-50° full color

Distance(m)		3	4	5	6	7	8	9	10	11	12	13	14	15
25°beam diameter£¤m£'		1.33	1.77	2.22	2.66	3.1	3.55	3.99	4.43	4.88	5.32	5.76	6.21	6.65
50°beam diameter£¤m£'		2.8	3.73	4.66	5.6	6.52	7.46	8.39	9.32	10.3	11.21	12.12	13.05	14
2700K	25°centre(LUX)	2205	1240	794	551	405	310	245	199	164	138	118	101	88
	50°centre(LUX)	705	397	254	177	130	99	78	63	52	44	38	32	29
3200K	25°centre(LUX)	2307	1298	831	577	424	325	257	208	172	144	123	106	92
	50°centre(LUX)	740	416	266	185	136	104	82	66	55	46	40	34	29
5600K	25°centre(LUX)	2399	1351	864	600	441	338	267	216	178	150	128	110	96
	50°centre(LUX)	793	446	285	199	145	111	88	72	59	50	42	37	31
Single red	25°centre(LUX)	211	119	76	52	39	29	23	19	16	13	11	9	8
	50°centre(LUX)	63	35	22	16	11	9	7	6	5	4	4	3	3
Single green	25°centre(LUX)	1212	682	436	303	223	170	134	109	90	75	64	56	49
	50°centre(LUX)	403	226	145	100	74	57	45	36	30	25	21	18	17
Single blue	25°centre(LUX)	290	163	104	73	53	40	32	26	21	18	16	13	12
	50°centre(LUX)	72	40	26	18	13	10	8	6	6	5	4	4	3

Full-Color LED Fixed-Angle Profile Spotlight



5° (No fan)



10° (No fan)



14° / 19° / 26° / 36° / 50° (No fan)

DD-P5N (No fan)	DD-P10N (10° / No fan)	DD-P14N (14° / No fan)	DD-P19N (19° / No fan)	DD-P26N (26° / No fan)	DD-P36N (36° / No fan)	DD-P50N (50° / No fan)



5°



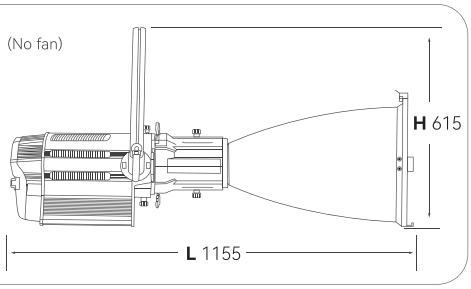
10°

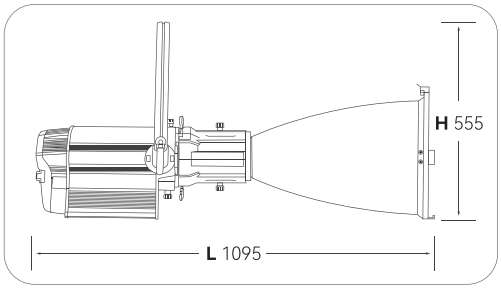


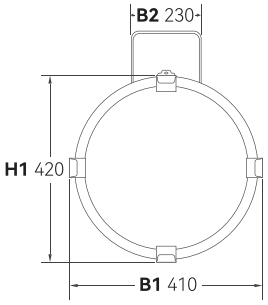
14° / 19° / 26° / 36° / 50°

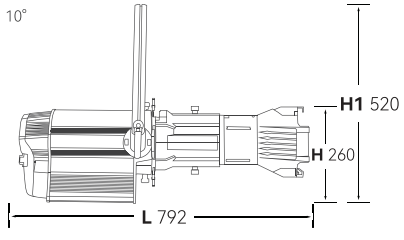
DD-P5 (5°)	DD-P10 (10°)	DD-P14 (14°)	DD-P19 (19°)	DD-P26 (26°)	DD-P36 (36°)	DD-P50 (50°)

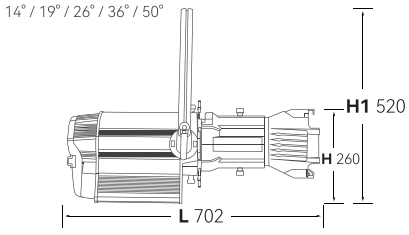


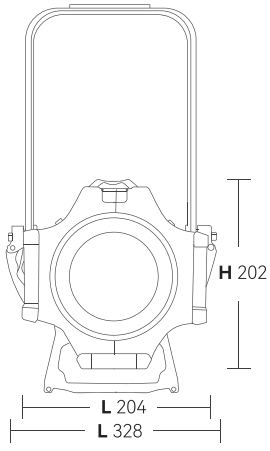


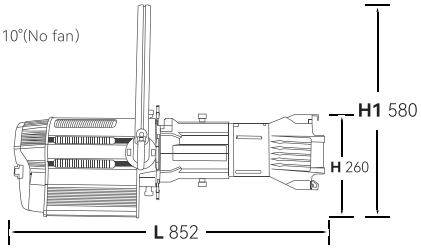


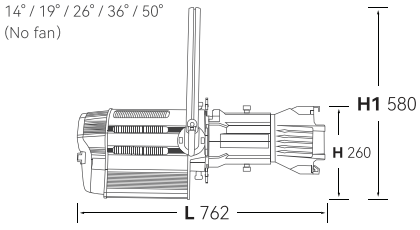












Light source

1. LED source: 24 × multicolor 5050 LED packages, each with a nominal package rating of up to 24 W. Actual fixture power is electronically limited by the multi-channel drive system.

2. LED lifetime: 50,000– 100,000 hours

Power & Electrical

1. Input voltage: AC 100– 240 V, 50/60 Hz

2. Maximum power consumption: 220W at 2700¤Cl0,000K white output; Red only: 55W; Green only: 110W; Blue only: 110W

Control & Operation

1. Display: OLED display with Chinese and English menu interfaces; display size: 30 × 15 mm.

2. Control: DMX512 control and local control via buttons and rotary encoder for dimming, CCT and DUV adjustment.

3. Control protocol: DMX512 with RDM support.

4. DMX modes: 4-channel, 12-channel and 13-channel modes.

5. Dimming: 16-bit or higher smooth and linear flicker-free dimming with no perceptible delay; PWM frequency ≥28 kHz.

6. Dimming modes: 7 selectable dimming modes.

7. Focusing: Manual focusing.

8. Cooling & Noise: Available in standard fan-cooled and fanless versions. The fan-cooled version features intelligent variable-speed cooling. Fan speed is automatically adjusted according to fixture temperature and output level. Under low-output conditions, the fan may stop automatically. Maximum noise level: ≤29 dBA at 1 m. The fanless version operates silently with no fan noise.

9. Operating ambient temperature: −25 °C to +40 °C

10. IP rating: IP20

Color Performance & Optical Specifications

1. CCT: Continuously adjustable from 2700 K to 10,000 K with smooth, linear adjustment via DMX or local rotary control. The corresponding CCT value is shown on the display. Adjustment is available in 100 K increments. CCT accuracy: Brightness deviation during CCT adjustment is ≤12%. Beam CCT uniformity: Average CCT deviation between the beam center and surrounding area, excluding the extreme beam edge, ≤3%. CCT remains adjustable at output levels down to 0.5%.

2.CRI (Ra) : average ≥95

3.TLCI : average ≥95

4.TM-30 Rf: average ≥92, **TM-30 Rg:** 100-103

5. DUV(GM) adjustment: Positive and negative DUV adjustment from approximately +0.018 to −0.020. During DUV adjustment, average CCT deviation is ≤6%, CRI deviation ≤4%, and TLCI deviation ≤7%.

6. Color control: 360° hue adjustment with independent saturation control. Includes 72 built-in preset colors and supports individual color-channel adjustment for custom color mixing. Multiple fixtures provide visually consistent color output with no obvious color difference.

7.Luminous flux : 2700 K: 6300 lm,3200 K: 6400 lm,5600 K: 6700 lm,10,000 K: 6100 lm, Red: 460 lm, Green: 3100 lm, Blue: 700 lm.

8. Beam angles: 5°, 10°, 14°, 19°, 26°, 36° and 50°; custom beam angles available upon request.

9. Optical system: The light passes through a multi-element optical system incorporating seven optical elements, producing a clean and highly uniform projected beam with minimal yellow or blue edging, no visible dark patterns, minimal chromatic dispersion, excellent color mixing and no ghosting or double-image effect.

Construction & Standard Accessories

1. Housing material: Aluminum alloy
2. Surface finish: Anodized or powder-coated finish; custom colors are available according to customer requirements.
3. Standard accessories: Optical diffusion plate, power input/output connectors and signal input/output connectors. Additional accessories are available upon request and can be customized to meet specific customer requirements.
4. Iris & gobo holder: Optional iris and gobo holder available upon request.

Fan-Cooled vs. Fanless Versions: The fan-cooled and fanless versions share the same optical, color and control specifications. The fanless version is approximately 6 cm longer and 1.1 kg heavier. Pricing varies by version.

Dimensions & Weight

Product Name	inner size	packing size	Net weight	Gross weight
5 °	114X41X43 cm	130X50X50 cm	11.5 kg	16 kg
10 °	83X29X29 cm	94X31.5X33 cm	14 kg	16 kg
14 °	74X29X29 cm	85X31.5X33 cm	13.8 kg	15.6 kg
19 °	74X29X29 cm	85X31.5X33 cm	13.8 kg	15.6 kg
26 °	74X29X29 cm	85X31.5X33 cm	13.2 kg	15 kg
36 °	74X29X29 cm	85X31.5X33 cm	13.6 kg	15.4 kg
50 °	74X29X29 cm	85X31.5X33 cm	14.2 kg	16 kg

Product Name	inner size	packing size	Net weight	Gross weight
5 °(Fanless)	120X41X43 cm	130X50X50 cm	12.6 kg	17 kg
10 °(Fanless)	89X29X29 cm	99X31.5X33 cm	15.1 kg	17.1 kg
14 °(Fanless)	80X29X29 cm	94X31.5X33 cm	14.9 kg	16.7 kg
19 °(Fanless)	80X29X29 cm	94X31.5X33 cm	14.9 kg	16.7 kg
26 °(Fanless)	80X29X29 cm	94X31.5X33 cm	14.3 kg	16.1 kg
36 °(Fanless)	80X29X29 cm	94X31.5X33 cm	14.7 kg	16.5 kg
50 °(Fanless)	80X29X29 cm	94X31.5X33 cm	15.3 kg	17.2 kg

Beam diameter and illuminance parameters at different distances

5°full color

Distance(m)	5	10	15	20	25	30	35	40	42	44	46	48	50
5°beam diameter£¤m£'	0.44	0.87	1.31	1.75	2.18	2.62	3.06	3.49	3.67	3.84	4.02	4.19	4.37
2700K centre(LUX)	29745	7437	3305	1860	1190	826	607	464	422	384	351	323	297
3200K centre(LUX)	30893	7723	3433	1930	1236	858	630	483	438	399	365	335	308
5600K centre(LUX)	32065	8015	3563	2004	1283	890	655	501	454	414	379	348	321
Single red centre(LUX)	2628	657	292	164	105	73	54	41	37	34	31	29	27
Single green centre(LUX)	15983	3995	1776	999	639	444	326	249	227	207	199	173	159
Single blue centre(LUX)	3403	851	378	213	136	94	70	54	48	44	41	37	34

10°full color

Distance(m)	3	6	8	10	12	14	16	18	20	22	24	26	28	30
10°beam diameter£¤m£'	0.53	1.05	1.4	1.75	2.1	2.45	2.8	3.15	3.5	3.85	4.2	4.55	4.9	5.25
2700K centre(LUX)	12910	3227	1815	1162	807	593	454	359	290	240	202	172	148	129
3200K centre(LUX)	13359	3340	1879	1202	835	613	470	371	301	248	208	178	153	134
5600K centre(LUX)	13789	3447	1939	1241	862	633	485	383	310	256	215	184	158	138
Single red centre(LUX)	1162	290	163	105	73	53	41	32	26	22	18	15	13	12
Single green centre(LUX)	6703	1676	943	603	419	308	236	186	151	125	105	89	77	67
Single blue centre(LUX)	1381	345	194	124	86	63	49	38	31	26	22	18	16	14

14°full color

Distance(m)	3	6	8	10	12	14	16	18	20	22	24	26	28	30
14°beam diameter£¤m£'	0.74	1.47	1.96	2.46	2.95	3.44	3.93	4.42	4.91	5.4	5.89	6.38	6.88	7.37
2700K centre(LUX)	9139	2285	1285	823	571	420	321	254	206	170	143	122	105	91
3200K centre(LUX)	9480	2370	1333	853	593	435	333	263	213	176	148	126	109	95
5600K centre(LUX)	9736	2434	1369	876	609	447	342	270	219	181	152	130	112	97
Single red centre(LUX)	865	216	122	78	54	40	30	24	19	16	14	12	10	9
Single green centre(LUX)	4761	1190	670	429	298	219	167	132	107	89	74	63	55	48
Single blue centre(LUX)	1060	265	149	95	66	49	37	29	24	20	17	14	12	11

19°full color

Distance(m)	3	4	5	6	7	8	9	10	12	14	16	18	20
19°beam diameter£¤m£'	1	1.34	1.67	2	2.34	2.68	3.01	3.35	4.02	4.69	5.36	6.02	6.69
2700K centre(LUX)	4679	2632	1688	1170	859	658	520	421	292	215	165	130	105
3200K centre(LUX)	4828	2716	1738	1207	887	679	536	434	302	222	170	134	109
5600K centre(LUX)	5095	2866	1834	1274	936	717	566	459	318	234	179	142	115
Single red centre(LUX)	451	254	162	113	83	63	50	41	28	21	16	13	10
Single green centre(LUX)	2499	1405	899	625	459	351	278	225	156	115	88	69	56
Single blue centre(LUX)	574	323	207	144	105	81	64	52	36	26	20	16	13

26°full color

Distance(m)	3	4	5	6	7	8	9	10	11	12	13	14	15
26°beam diameter£¤m£'	1.38	1.85	2.31	2.77	3.23	3.69	4.16	4.62	5.08	5.54	6	6.46	6.92
2700K centre(LUX)	2618	1473	943	658	481	368	291	236	195	164	139	120	105
3200K centre(LUX)	2783	1565	1002	696	511	391	309	250	206	174	148	128	111
5600K centre(LUX)	2912	1638	1048	728	535	409	324	262	217	182	155	134	116
Single red centre(LUX)	239	134	86	60	44	34	27	22	18	15	13	11	10
Single green centre(LUX)	1432	806	516	358	263	201	159	129	107	90	76	66	57
Single blue centre(LUX)	359	202	129	90	66	51	40	32	27	22	19	17	14

36°full color

Distance(m)	3	4	5	6	7	8	9	10	11	12
36°beam diameter£¤m£'	1.95	2.6	3.25	3.9	4.55	5.2	5.85	6.5	7.15	7.8
2700K centre(LUX)	1703	958	613	426	313	240	189	153	126	106
3200K centre(LUX)	1754	987	631	438	322	247	195	158	130	110
5600K centre(LUX)	1799	1012	648	450	331	253	200	162	134	112
Single red centre(LUX)	144	81	52	36	27	20	16	13	11	9
Single green centre(LUX)	914	514	329	229	168	129	102	82	68	57
Single blue centre(LUX)	195	110	70	49	36	27	22	18	14	12

50°full color

Distance(m)	3	4	5	6	7	8	9	10	11	12
50°beam diameter£¤m£'	2.8	3.73	4.66	5.6	6.53	7.46	8.39	9.32	10.25	11.2
2700K centre(LUX)	766	431	276	192	141	108	85	69	57	48
3200K centre(LUX)	804	452	289	201	148	113	89	72	60	50
5600K centre(LUX)	862	485	310	216	158	121	96	78	64	54
Single red centre(LUX)	68	38	24	17	12	10	8	6	5	4
Single green centre(LUX)	438	246	158	109	80	62	49	39	33	27
Single blue centre(LUX)	78	44	28	20	14	11	9	7	6	5

CCT tuneable LED Fixed-Angle Profile Spotlight

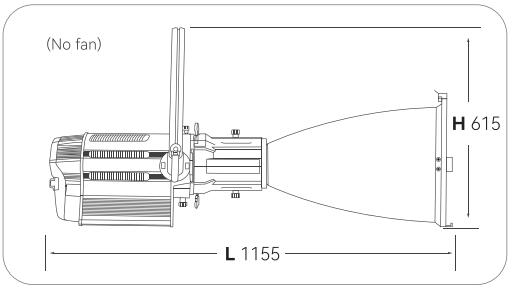


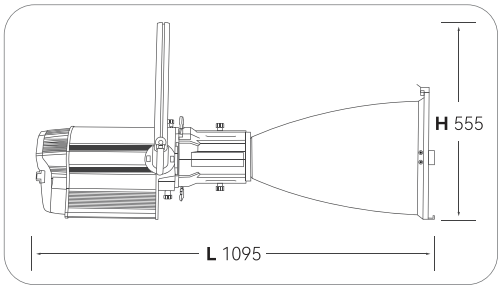
DD-PT5N/5°（No fan）
DD-PT10N/10°（No fan）
DD-PT14N/14°（No fan）
DD-PT19N/19°（No fan）
DD-PT26N/26°（No fan）
DD-PT36N/36°（No fan）
DD-PT50N/50°（No fan）

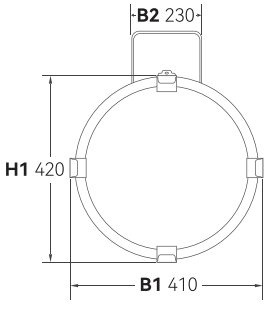


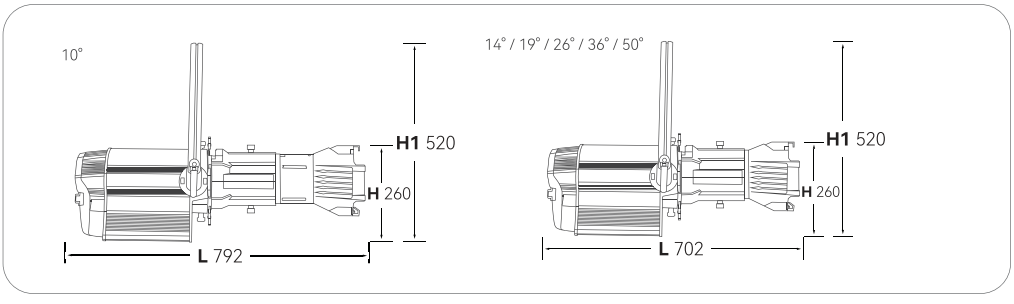


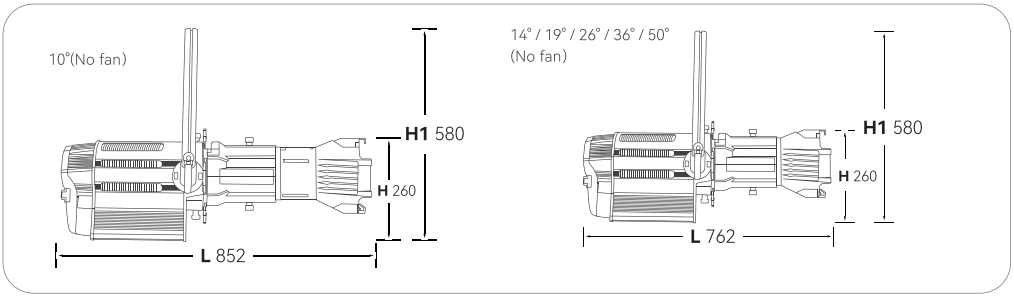
DD-P5A/5° (300W)	DD-P5B/5° (200W)
DD-P10A/10° (300W)	DD-P10B/10° (200W)
DD-P14A/14° (300W)	DD-P14B/14° (200W)
DD-P19A/19° (300W)	DD-P19B/19° (200W)
DD-P26A/26° (300W)	DD-P26B/26° (200W)
DD-P36A/36° (300W)	DD-P36B/36° (200W)
DD-P50A/50° (300W)	DD-P50B/50° (200W)

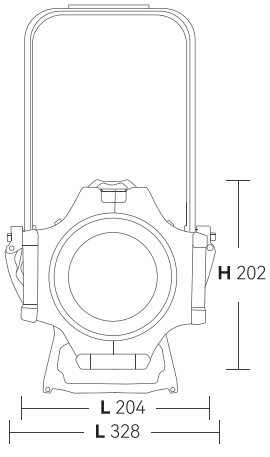












Light source

1. LED source: 300 W: 88 × bi-color LEDs, including 44 warm-white and 44 cool-white LEDs, 8 W rated power per LED
200 W: 88 × bi-color LEDs, including 44 warm-white and 44 cool-white LEDs, 5 W rated power per LED
2. LED lifetime: 50,000– 100,000 hours

Power & Electrical

1. Input voltage: AC 100– 240 V, 50/60 Hz
2. Maximum power consumption: 320W or 230W, Continuous operating power remains stable without power reduction.

Control & Operation

1. Display: OLED display with Chinese and English menu interfaces; display size: 30 × 15 mm.
2. Control: DMX512 control and local control via buttons and rotary encoder for dimming, CCT adjustment.
3. Control protocol: DMX512 with RDM support.
4. DMX modes: 3-channel and 4-channel modes.
5. Dimming: 16-bit or higher smooth and linear flicker-free dimming with no perceptible delay; PWM frequency ≥28 kHz.
6. Dimming modes: 6 selectable dimming modes.
7. Focusing: Manual focusing.
8. Cooling & Noise: Intelligent variable-speed fan cooling; 200 W fanless version available. Fan speed automatically adjusts with fixture output, and the fan stops below 20% output. Maximum fan noise at 1 m is ≤39 dBA for 300 W and ≤29 dBA for 200 W. The fanless version operates silently.
9. Operating ambient temperature: −25 °C to +40 °C
10. IP rating: IP20

Color Performance & Optical Specifications

1. CCT : Continuously adjustable from 2700 K to 6500 K with smooth, linear adjustment via DMX or local rotary control. The corresponding CCT value is shown on the display. Adjustment is available in 100 K increments, CCT accuracy ≤3%, power variation ≤5%. Beam CCT uniformity: Average CCT deviation between the beam center and surrounding area, excluding the extreme beam edge, ≤6%. CCT remains adjustable at output levels down to 0.03%.
2.CRI : average ≥95
3.TLCI : average ≥95
4.TM-30 Rf: average ≥92, **TM-30 Rg:** 96-98
5. Luminous flux: 300W: 2700K: 8200 lm; 6500K: 10400 lm, 200W: 2700K: 6600 lm; 6500K: 8300 lm
6. Beam angles: 5°, 10°, 14°, 19°, 26°, 36° and 50°; custom beam angles available upon request.
7. Optical system: The light passes through a multi-element optical system incorporating seven optical elements, producing a clean and highly uniform projected beam with minimal yellow or blue edging, no visible dark patterns, minimal chromatic dispersion, excellent color mixing and no ghosting or double-image effect.

Construction & Standard Accessories

1. Housing material: Aluminum alloy
2. Surface finish: Anodized or powder-coated finish; custom colors are available according to customer requirements.
3. Standard accessories: Optical diffusion plate, power input/output connectors and signal input/output connectors. Additional accessories are available upon request and can be customized to meet specific customer requirements.
4. Iris & gobo holder: Optional iris and gobo holder available upon request.

Fan-Cooled vs. Fanless Versions: Fanless Versions available only for the 200 W model. Performance specifications are the same as the fan-cooled version, except that the fanless version is 6 cm longer, 1.1 kg heavier, and differently priced.

Dimensions & Weight

Product Name	inner size	packing size	Net weight	Gross weight
5 °	114X41X43 cm	130X50X50 cm	11.8 kg	16 kg
10 °	83X29X29 cm	94X31.5X33 cm	14.3 kg	16.3 kg
14 °	74X29X29 cm	85X31.5X33 cm	14.1 kg	15.9 kg
19 °	74X29X29 cm	85X31.5X33 cm	14.1 kg	15.9 kg
26 °	74X29X29 cm	85X31.5X33 cm	13.5 kg	15.3 kg
36 °	74X29X29 cm	85X31.5X33 cm	13.9 kg	15.7 kg
50 °	74X29X29 cm	85X31.5X33 cm	14.5 kg	16.3 kg

Product Name	inner size	packing size	Net weight	Gross weight
5 °(Fanless)	120X41X43 cm	130X50X50 cm	12.6 kg	17 kg
10 °(Fanless)	89X29X29 cm	99X31.5X33 cm	15.1 kg	17.1 kg
14 °(Fanless)	80X29X29 cm	94X31.5X33 cm	14.9 kg	16.7 kg
19 °(Fanless)	80X29X29 cm	94X31.5X33 cm	14.9 kg	16.7 kg
26 °(Fanless)	80X29X29 cm	94X31.5X33 cm	14.3 kg	16.1 kg
36 °(Fanless)	80X29X29 cm	94X31.5X33 cm	14.7 kg	16.5 kg
50 °(Fanless)	80X29X29 cm	94X31.5X33 cm	15.3 kg	17.1 kg

Beam diameter and illuminance parameters at different distances

5° tunable

Distance(m)	5	10	15	20	25	30	35	40	42	44	46	48	50
5°beam diameter£¤m£'	0.44	0.87	1.31	1.75	2.18	2.62	3.06	3.49	3.67	3.84	4.02	4.19	4.37
2700K/300W centre(LUX)	36957	9239	4106	2310	1478	1026	755	578	524	476	437	402	370
2700K/200W centre(LUX)	29874	7469	3320	1867	1195	830	610	467	423	386	353	323	299
6500K/300W centre(LUX)	48946	12236	5438	3059	1958	1360	999	765	674	633	579	531	490
6500K/200W centre(LUX)	38621	9655	4291	2414	1545	1073	788	604	547	499	456	419	386

10° tunable

Distance(m)	3	6	8	10	12	14	16	18	20	22	24	26	28	30
10°beam diameter£¤m£'	0.53	1.05	1.4	1.75	2.1	2.45	2.8	3.15	3.5	3.85	4.2	4.55	4.9	5.25
2700K/300W centre(LUX)	15482	3871	2177	1393	968	711	544	430	348	288	242	206	178	155
2700K/200W centre(LUX)	13502	3376	1899	1215	843	620	475	375	303	251	211	156	135	119
6500K/300W centre(LUX)	19586	4896	2754	1763	1224	899	689	544	441	364	306	261	225	196
6500K/200W centre(LUX)	16515	4128	2323	1486	1032	758	581	458	371	307	259	219	190	165

14° tunable

Distance(m)	3	6	8	10	12	14	16	18	20	22	24	26	28	30
14°beam diameter£¤m£'	0.74	1.47	1.96	2.46	2.95	3.44	3.93	4.42	4.91	5.4	5.89	6.38	6.88	7.37
2700K/300W centre(LUX)	13172	3293	1852	1186	823	605	463	366	296	245	206	175	151	132
2700K/200W centre(LUX)	10867	2717	1528	978	679	499	382	302	245	202	170	145	125	109
6500K/300W centre(LUX)	17647	4412	2482	1588	1103	810	620	490	397	328	276	235	203	176
6500K/200W centre(LUX)	14376	3594	2022	1294	898	660	505	399	323	267	225	191	165	144

19° tunable

Distance(m)	3	4	5	6	7	8	9	10	12	14	16	18	20
19°beam diameter£¤m£'	1	1.34	1.67	2	2.34	2.68	3.01	3.35	4.02	4.69	5.36	6.02	6.69
2700K/300W centre(LUX)	7039	3960	2534	1760	1293	990	782	634	440	323	247	196	158
2700K/200W centre(LUX)	5718	3216	2058	1429	1050	804	635	515	357	263	201	159	129
6500K/300W centre(LUX)	9057	5095	3261	2264	1664	1274	1006	815	566	416	318	252	204
6500K/200W centre(LUX)	7408	4167	2667	1852	1361	1042	823	667	463	340	260	206	167

26° tunable

Distance(m)	3	4	5	6	7	8	9	10	11	12	13	14	15
26°beam diameter£¤m£'	1.38	1.85	2.31	2.77	3.23	3.69	4.16	4.62	5.08	5.54	6	6.46	6.92
2700K/300W centre(LUX)	4073	2291	1466	1018	748	573	453	367	303	255	217	187	163
2700K/200W centre(LUX)	3340	1879	1202	835	613	469	371	301	248	209	177	153	133
6500K/300W centre(LUX)	5519	3104	1987	1380	1014	776	613	497	411	345	294	253	221
6500K/200W centre(LUX)	4434	2493	1595	1108	814	623	493	399	329	277	236	204	177

36° tunable

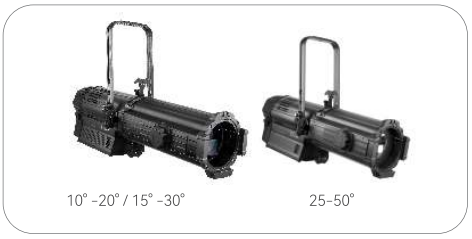
Distance(m)	3	4	5	6	7	8	9	10	11	12
36°beam diameter£¤m£'	1.95	2.6	3.25	3.9	4.55	5.2	5.85	6.5	7.15	7.8
2700K/300W centre(LUX)	2520	1418	907	630	463	354	280	227	187	158
2700K/200W centre(LUX)	2047	1152	737	512	376	288	227	184	152	128
6500K/300W centre(LUX)	3369	1895	1213	842	619	474	374	303	251	211
6500K/200W centre(LUX)	2726	1534	982	682	501	383	303	245	203	171

50° tunable

Distance(m)	3	4	5	6	7	8	9	10	11	12
50°beam diameter£¤m£'	2.8	3.73	4.66	5.6	6.53	7.46	8.39	9.32	10.25	11.2
2700K/300W centre(LUX)	1144	643	412	286	210	161	127	103	85	71
2700K/200W centre(LUX)	932	524	335	233	172	131	104	84	70	58
6500K/300W centre(LUX)	1560	877	562	390	286	219	173	140	116	97
6500K/200W centre(LUX)	1250	703	450	313	229	175	139	113	93	78

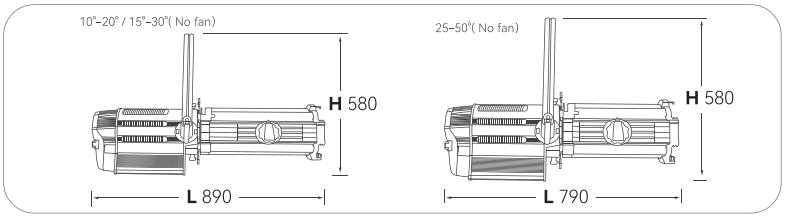
CCT tuneable LED Zoom Profile Spotlight

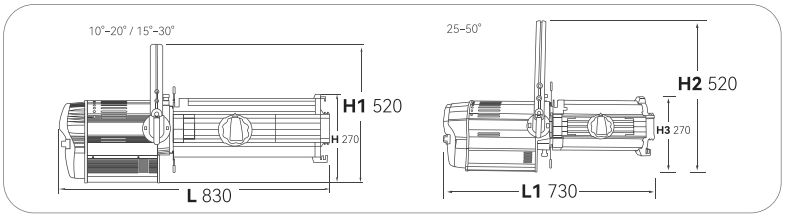


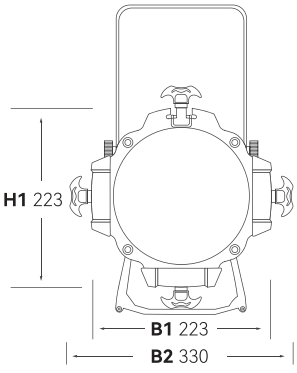




DD-PT1020N (No fan)	DD-PT1020A(10-20°/300W)	DD-PT1020B(10-20°/200W)
DD-PT1530N (No fan)	DD-PT1530A(15-30°/300W)	DD-PT1530B(15-30°/200W)
DD-PT2550N (No fan)	DD-PT2550A(25-50°/300W)	DD-PT2550B(25-50°/200W)







Light source

1. LED source: 300 W: 88 × bi-color LEDs, including 44 warm-white and 44 cool-white LEDs, 8 W rated power per LED;
200 W: 88 × bi-color LEDs, including 44 warm-white and 44 cool-white LEDs, 5 W rated power per LED

2. LED lifetime: 50,000– 100,000 hours

Power & Electrical

1. Input voltage: AC 100– 240 V, 50/60 Hz

2. Maximum power consumption: 320 W or 230 W,Continuous operating power remains stable without power reduction.

Control & Operation

1. Display: OLED display with Chinese and English menu interfaces; display size: 30 × 15 mm.

2. Control: DMX512 control and local control via buttons and rotary encoder for dimming, CCT adjustment.

3. Control protocol: DMX512 with RDM support.

4. DMX modes: 3-channel and 4-channel modes.

5. Dimming: 16-bit or higher smooth and linear flicker-free dimming with no perceptible delay; PWM frequency ≥28 kHz.

6. Dimming modes: 6 selectable dimming modes.

7. Zoom: Manual zoom.

8. Cooling & Noise: Intelligent variable-speed fan cooling; 200 W fanless version available. Fan speed automatically adjusts with fixture output, and the fan stops below 20% output. Maximum fan noise at 1 m is ≤39 dBA for 300 W and ≤29 dBA for 200 W. The fanless version operates silently.

9. Operating ambient temperature: −25 °C to +40 °C

10. IP rating: IP20

Color Performance & Optical Specifications

1. CCT: Continuously adjustable from 2700 K to 6500 K with smooth, linear adjustment via DMX or local rotary control. The corresponding CCT value is shown on the display. Adjustment is available in 100 K increments, CCT accuracy ≤3%, power variation ≤5%, Average CCT deviation between narrow and wide beam angles is ≤3%. Beam CCT uniformity: Average CCT deviation between the beam center and surrounding area, excluding the extreme beam edge, ≤6%. CCT remains adjustable at output levels down to 0.03%.

2. CRI (Ra): average ≥95

3. TLCI: average ≥95

4. TM-30 Rf: average ≥92, **TM-30 Rg:** 96-98

5. Luminous flux: 300W: 2700K: 8200 lm; 6500K: 10400 lm;
200W: 2700K: 6600 lm; 6500K: 8300 lm.

6. Zoom ranges: 10°¤Œ20°, 15°¤Œ30°, 25°¤Œ50°

7. Optical system: The light passes through a multi-element optical system incorporating seven optical elements, producing a clean and highly uniform projected beam with minimal yellow or blue edging, no visible dark patterns, minimal chromatic dispersion, excellent color mixing and no ghosting or double-image effect.

Construction & Standard Accessories

1. Housing material: Aluminum alloy

2. Surface finish: Anodized or powder-coated finish; custom colors are available according to customer requirements.

3. Standard accessories: Optical diffusion plate, power input/output connectors and signal input/output connectors. Additional accessories are available upon request and can be customized to meet specific customer requirements.

4. Iris & gobo holder: Optional iris and gobo holder available upon request.

Fan-Cooled vs. Fanless Versions: Fanless Versions available only for the 200 W model. Performance specifications are the same as the fan-cooled version, except that the fanless version is 6 cm longer, 1.1 kg heavier, and differently priced.

Dimensions & Weight

Product Name	Inner size	packing size	Net weight	Gross weight
10-20°	87X29X29cm	94X31.5X33cm	14.8kg	16.8kg
15-30°	87X29X29cm	94X31.5X33cm	15.1kg	17.1kg
25-50°	77X29X29cm	85X31.5X33cm	14.5kg	16.3kg

Product Name	Inner size	packing size	Net weight	Gross weight
10-20°(No fan)	93X29X29cm	99X31.5X33cm	16kg	18kg
15-30°(No fan)	93X29X29cm	99X31.5X33cm	16.3kg	18.3kg
25-50°(No fan)	83X29X29cm	94X31.5X33cm	15.7kg	17.5kg

Beam diameter and illuminance parameters at different distances

10-20°tunable

Distance(m)		3	6	8	10	12	14	16	18	20	22	24	26	28	30
10°beam diameter£¤m£'		0.53	1.05	1.4	1.75	2.1	2.45	2.8	3.15	3.5	3.85	4.2	4.55	4.9	5.25
20°beam diameter£¤m£'		1.03	2.12	2.83	3.53	4.23	4.94	5.64	6.35	7.05	7.76	8.46	9.7	9.87	10.58
300W 2700K	10°centre(LUX)	16875	4219	2373	1518	1055	775	593	469	379	314	264	225	194	169
	20°centre(LUX)	6650	1662	935	598	415	305	233	184	149	123	104	88	76	66
200W 2700K	10°centre(LUX)	13502	3376	1899	1215	843	620	475	375	303	251	211	179	156	135
	20°centre(LUX)	5513	1378	775	496	345	253	193	153	124	103	86	73	64	55
300W 6500K	10°centre(LUX)	20956	5239	2947	1886	1310	962	737	582	472	389	327	279	241	210
	20°centre(LUX)	8626	2156	1213	777	539	396	303	240	194	161	135	114	100	87
200W 6500K	10°centre(LUX)	16515	4128	2323	1486	1032	758	581	458	372	307	259	219	190	165
	20°centre(LUX)	6862	1716	965	618	428	315	241	191	155	128	107	92	78	69

15-30°tunable

Distance(m)		3	4	5	6	7	8	9	10	12.5	15	17.5	20
15°beam diameter£¤m£'		0.79	1.05	1.32	1.58	1.84	2.11	2.37	2.63	3.16	3.95	4.61	5.27
30°beam diameter£¤m£'		1.61	2.14	2.68	3.22	3.75	4.29	4.82	5.36	6.7	8.04	9.38	10.72
300W 2700K	15°centre(LUX)	12045	6775	4336	3011	2212	1694	1338	1084	694	482	354	271
	30°centre(LUX)	3605	2028	1298	901	662	507	401	324	208	144	106	81
200W 2700K	15°centre(LUX)	9490	5338	3416	2372	1743	1335	1054	854	547	380	279	214
	30°centre(LUX)	3124	1757	1125	781	574	439	347	281	180	125	92	70
300W 6500K	15°centre(LUX)	15837	8908	5701	3959	2908	2227	1760	1425	958	634	465	356
	30°centre(LUX)	4770	2683	1717	1183	876	671	530	429	275	191	140	107
200W 6500K	15°centre(LUX)	12323	6931	4436	3081	2263	1733	1369	1109	710	493	362	277
	30°centre(LUX)	4058	2283	1461	1015	745	571	451	365	234	162	119	91

25-50°tunable

Distance(m)		3	4	5	6	7	8	9	10	11	12	13	14	15
25°beam diameter£¤m£'		1.33	1.77	2.22	2.66	3.1	3.55	3.99	4.43	4.88	5.32	5.76	6.21	6.65
50°beam diameter£¤m£'		2.8	3.73	4.66	5.6	6.52	7.46	8.39	9.32	10.3	11.21	12.12	13.05	14
300W 2700K	25°centre(LUX)	3141	1766	1130	785	577	442	349	283	234	196	167	145	126
	50°centre(LUX)	904	508	325	226	166	127	100	81	67	56	48	42	36
200W 2700K	25°centre(LUX)	2582	1453	930	646	474	364	287	232	192	161	138	119	103
	50°centre(LUX)	789	444	284	198	145	111	88	71	59	49	42	37	32
300W 6500K	25°centre(LUX)	4310	2424	1551	1077	792	606	479	388	320	270	230	197	172
	50°centre(LUX)	1357	763	488	339	249	191	151	122	101	84	72	63	54
200W 6500K	25°centre(LUX)	3323	1869	1196	831	610	467	369	299	247	208	177	153	133
	50°centre(LUX)	1058	595	381	265	194	149	118	95	79	66	56	49	42

Fixed-CCT LED Zoom Profile Spotlight

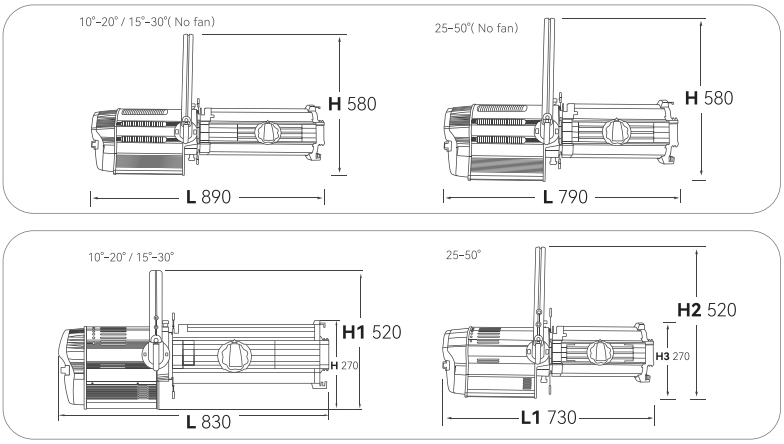


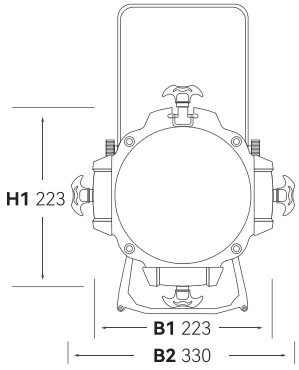




DD-PF1020N56 10-20° 5600K(No fan)	DD-PF1020N32 10-20° 3200K(No fan)
DD-PF1530N56 15-30° 5600K(No fan)	DD-PF1530N32 15-30° 3200K(No fan)
DD-PF2550N56 25-50° 5600K(No fan)	DD-PF2550N32 25-50° 3200K(No fan)

DD-PF1020A56 10-20° 5600K/300W	DD-PF1020B56 10-20° 5600K/200W	DD-PF1020A32 10-20° 3200K/300W	DD-PF1020B32 10-20° 3200K/200W
DD-PF1530A56 15-30° 5600K/300W	DD-PF1530B56 15-30° 5600K/200W	DD-PF1530A32 15-30° 3200K/300W	DD-PF1530B32 15-30° 3200K/200W
DD-PF2550A56 25-50° 5600K/300W	DD-PF2550B56 25-50° 5600K/200W	DD-PF2550A32 25-50° 3200K/300W	DD-PF2550B32 25-50° 3200K/200W





Light source

1. LED source: 300 W: 88 × single-CCT LEDs, 5 W rated power per LED
200 W: 88 × single-CCT LEDs, 3 W rated power per LED

2. LED lifetime: 50,000¤C100,000 hours

Power & Electrical

1. Input voltage: AC 100¤C240 V, 50/60 Hz

2. Maximum power consumption: 320W or 230W, The continuous working power of the product is unchanged

Control & Operation

1. Display: OLED display with Chinese and English menu interfaces; display size: 30 × 15 mm.

2. Control: DMX512 control and local control via buttons and rotary encoder for dimming adjustment.

3. Control protocol: DMX512 with RDM support.

4. DMX modes: 2-channel and 3-channel modes.

5. Dimming: 16-bit or higher smooth and linear flicker-free dimming with no perceptible delay; PWM frequency ≥28 kHz.

6. Dimming modes: 6 selectable dimming modes.

7. Zoom: Manual zoom.

8. Cooling & Noise: Intelligent variable-speed fan cooling; 200 W fanless version available. Fan speed automatically adjusts with fixture output, and the fan stops below 20% output. Maximum fan noise at 1 m is 39 dBA for 300 W and 29 dBA for 200 W. The fanless version operates silently.

9. Operating ambient temperature: " 25 °C to +40 °C

10. IP rating: IP20

Color Performance & Optical Specifications

1. CCT: 3200 K or 5600 K selectable. Custom CCT is available on request. Average CCT deviation between narrow and wide beam angles is ≤3%, Beam CCT uniformity: Average CCT deviation between the beam center and surrounding area, excluding the extreme beam edge, ≤6%.

2.CRI : average ≥96

3.TLCI : average ≥96

4.TM-30 Rf: ≥91, **TM-30 Rg:** 99

5. Luminous flux: 300W: 3200K: 10800 lm, 5600K: 12700 lm;
200W: 3200K: 8900 lm, 5600K: 10200 lm.

6. Zoom ranges: 10°¤C20°, 15°¤C30°, 25°¤C50°

7. Optical system: The light passes through a multi-element optical system incorporating seven optical elements, producing a clean and highly uniform projected beam with minimal yellow or blue edging, no visible dark patterns, minimal chromatic dispersion, excellent color mixing and no ghosting or double-image effect.

Construction & Standard Accessories

1. Housing material: Aluminum alloy

2. Surface finish: Anodized or powder-coated finish; custom colors are available according to customer requirements.

3. Standard accessories: Optical diffusion plate, power input/output connectors and signal input/output connectors. Additional accessories are available upon request and can be customized to meet specific customer requirements.

4. Iris & gobo holder: Optional iris and gobo holder available upon request.

Fan-Cooled vs. Fanless Versions: Fanless Versions available only for the 200 W model. Performance specifications are the same as the fan-cooled version, except that the fanless version is 6 cm longer, 1.1 kg heavier, and differently priced.

Dimensions & Weight

Product Name	Inner size	packing size	Net weight	Gross weight
10-20°	87X29X29cm	94X31.5X33cm	14.8kg	16.8kg
15-30°	87X29X29cm	94X31.5X33cm	15.1kg	17.1kg
25-50°	77X29X29cm	85X31.5X33cm	14.5kg	16.3kg

Product Name	Inner size	packing size	Net weight	Gross weight
10-20°(No fan)	93X29X29cm	99X31.5X33cm	16kg	18kg
15-30°(No fan)	93X29X29cm	99X31.5X33cm	16.3kg	18.3kg
25-50°(No fan)	83X29X29cm	94X31.5X33cm	15.7kg	17.5kg

Beam diameter and illuminance parameters at different distances

10-20° **Fixed-CCT**

Distance(m)		3	6	8	10	12	14	16	18	20	22	24	26	28	30
10°beam diameter£¤m£'		0.53	1.05	1.4	1.75	2.1	2.45	2.8	3.15	3.5	3.85	4.2	4.55	4.9	5.25
20°beam diameter£¤m£'		1.03	2.12	2.83	3.53	4.23	4.94	5.64	6.35	7.05	7.76	8.46	9.7	9.87	10.58
300W 3200K	10°centre(LUX)	20681	5170	2908	1861	1293	950	727	574	465	385	323	275	237	207
	20°centre(LUX)	6802	1700	957	612	425	312	239	189	153	126	106	91	78	68
200W 3200K	10°centre(LUX)	17903	4476	2518	1611	1119	822	629	497	403	333	280	238	206	179
	20°centre(LUX)	5580	1395	785	502	349	256	196	155	126	104	87	74	65	56
300W 5600K	10°centre(LUX)	25162	6291	3539	2265	1573	1155	884	699	566	468	393	335	289	252
	20°centre(LUX)	8603	2150	1210	774	538	395	302	238	193	160	134	114	99	86
200W 5600K	10°centre(LUX)	20408	5102	2870	1837	1276	937	717	567	459	379	319	272	234	204
	20°centre(LUX)	6778	1695	953	610	424	311	238	188	153	126	106	90	78	68

15-30° **Fixed-CCT**

Distance(m)		3	4	5	6	7	8	9	10	12.5	15	17.5	20
15°beam diameter£¤m£'		0.79	1.05	1.32	1.58	1.84	2.11	2.37	2.63	3.16	3.95	4.61	5.27
30°beam diameter£¤m£'		1.61	2.14	2.68	3.22	3.75	4.29	4.82	5.36	6.7	8.04	9.38	10.72
300W 3200K	15°centre(LUX)	13914	7826	5009	3479	2555	1956	1546	1253	801	557	408	313
	30°centre(LUX)	4300	2418	1548	1075	790	605	478	387	248	172	133	97
200W 3200K	15°centre(LUX)	11139	6266	4010	2785	2046	1567	1238	1003	641	445	327	250
	30°centre(LUX)	3251	1828	1171	813	598	457	361	293	187	130	96	73
300W 5600K	15°centre(LUX)	16689	9387	6008	4173	3065	2347	1854	1502	962	668	490	376
	30°centre(LUX)	5119	2879	1843	1280	940	720	569	461	295	205	150	116
200W 5600K	15°centre(LUX)	13536	7614	4873	3384	2486	1903	1504	1218	780	541	398	305
	30°centre(LUX)	4104	2308	1477	1026	754	577	456	369	236	164	121	92

25-50° **Fixed-CCT**

Distance(m)		3	4	5	6	7	8	9	10	11	12	13	14	15
25°beam diameter£¤m£'		1.33	1.77	2.22	2.66	3.1	3.55	3.99	4.43	4.88	5.32	5.76	6.21	6.65
50°beam diameter£¤m£'		2.8	3.73	4.66	5.6	6.52	7.46	8.39	9.32	10.3	11.21	12.12	13.05	14
300W 3200K	25°centre(LUX)	3780	2126	1361	945	695	531	420	340	281	239	201	174	151
	50°centre(LUX)	1195	672	430	299	219	168	133	107	89	74	64	55	48
200W 3200K	25°centre(LUX)	3088	1737	1112	772	567	434	343	278	230	193	164	142	124
	50°centre(LUX)	1022	575	368	256	188	143	114	92	76	64	54	47	41
300W 5600K	25°centre(LUX)	4495	2529	1618	1123	825	632	500	404	335	281	240	207	179
	50°centre(LUX)	1548	871	557	387	284	217	173	140	115	97	82	71	62
200W 5600K	25°centre(LUX)	3813	2145	1373	953	700	536	424	343	283	238	203	175	152
	50°centre(LUX)	1275	717	459	318	234	180	142	115	95	80	67	59	51

Fixed-CCT LED Fixed-Angle Profile Spotlight



5°



10°



14° / 19° / 26° / 36° / 50°



DD-PF5A32 (5° 3200K/300W)	**DD-PF5B32** (5° 3200K/200W)	**DD-PF5A56** (5° 5600K/300W)	**DD-PF5B56** (5° 5600K/200W)
DD-PF10A32 (10° 3200K/300W)	**DD-PF10B32** (10° 3200K/200W)	**DD-PF10A56** (10° 5600K/300W)	**DD-PF10B56** (10° 5600K/200W)
DD-PF14A32 (14° 3200K/300W)	**DD-PF14B32** (14° 3200K/200W)	**DD-PF14A56** (14° 5600K/300W)	**DD-PF14B56** (14° 5600K/200W)
DD-PF19A32 (19° 3200K/300W)	**DD-PF19B32** (19° 3200K/200W)	**DD-PF19A56** (19° 5600K/300W)	**DD-PF19B56** (19° 5600K/200W)
DD-PF26A32 (26° 3200K/300W)	**DD-PF26B32** (26° 3200K/200W)	**DD-PF26A56** (26° 5600K/300W)	**DD-PF26B56** (26° 5600K/200W)
DD-PF36A32 (36° 3200K/300W)	**DD-PF36B32** (36° 3200K/200W)	**DD-PF36A56** (36° 5600K/300W)	**DD-PF36B56** (36° 5600K/200W)
DD-PF50A32 (50° 3200K/300W)	**DD-PF50B32** (50° 3200K/200W)	**DD-PF50A56** (50° 5600K/300W)	**DD-PF50B56** (50° 5600K/200W)



5°
(No fan)

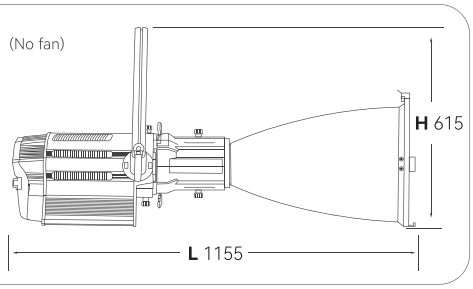


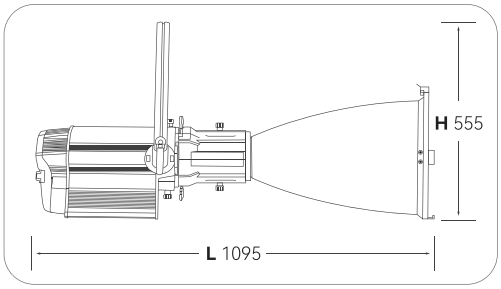
10°
(No fan)

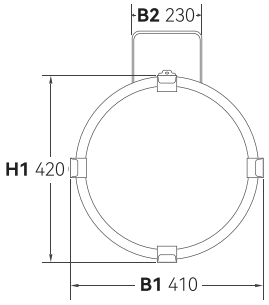


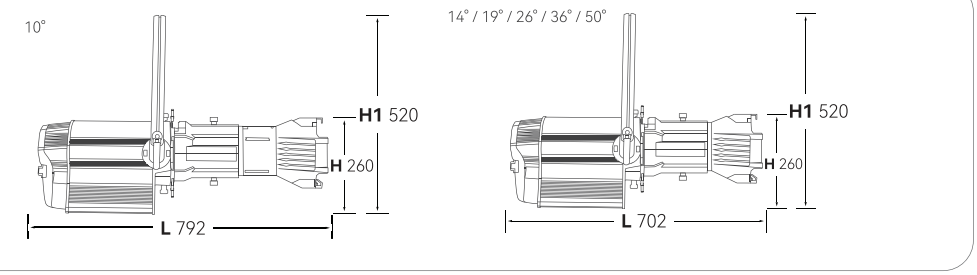
14° / 19° / 26° / 36° / 50°
(No fan)

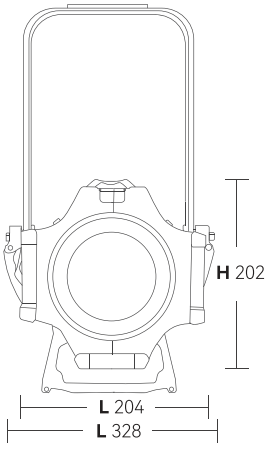
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DD-PF14N32 (14° 3200K) No fan	**DD-PF14N56** (14° 5600K) No fan
DD-PF19N32 (19° 3200K) No fan	**DD-PF19N56** (19° 5600K) No fan
DD-PF26N32 (26° 3200K) No fan	**DD-PF26N56** (26° 5600K) No fan
DD-PF36N32 (36° 3200K) No fan	**DD-PF36N56** (36° 5600K) No fan
DD-PF50N32 (50° 3200K) No fan	**DD-PF50N56** (50° 5600K) No fan

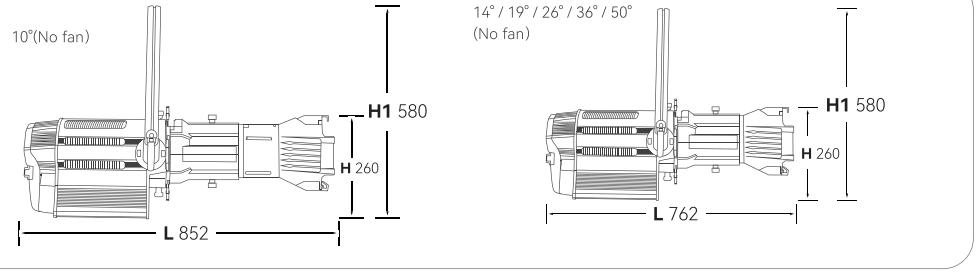












Light source

1. LED source: 300 W: 88 × single-CCT LEDs, 5 W rated power per LED
200 W: 88 × single-CCT LEDs, 3 W rated power per LED
2. LED lifetime: 50,000¤C100,000 hours

Power & Electrical

1. Input voltage: AC 100¤C240 V, 50/60 Hz
2. Maximum power consumption: 320W or 230W, Continuous operating power remains stable without power reduction.

Control & Operation

1. Display: OLED display with Chinese and English menu interfaces; display size: 30 × 15 mm.
2. Control: DMX512 control and local control via buttons and rotary encoder for dimming adjustment.
3. Control protocol: DMX512 with RDM support.
4. DMX modes: 2-channel and 3-channel modes.
5. Dimming: 16-bit or higher smooth and linear flicker-free dimming with no perceptible delay; PWM frequency ≥28 kHz.
6. Dimming modes: 6 selectable dimming modes.
7. Focusing: Manual focusing.
8. Cooling & Noise: Intelligent variable-speed fan cooling; 200 W fanless version available. Fan speed automatically adjusts with fixture output, and the fan stops below 20% output. Maximum fan noise at 1 m is ≤39 dBA for 300 W and ≤29 dBA for 200 W. The fanless version operates silently.
9. Operating ambient temperature: −25 °C to +40 °C
10. IP rating: IP20

Color Performance & Optical Specifications

1. CCT: 3200 K or 5600 K selectable. Custom CCT is available on request. Beam CCT uniformity: Average CCT deviation between the beam center and surrounding area, excluding the extreme beam edge, ≤6%.
2. CRI (Ra): ≥96
3. TLCI: ≥96
4.TM-30 Rf: ≥91, **TM-30 Rg:** 99
5. Luminous flux: 300W: 3200K: 10800 lm, 5600K: 12700 lm; 200W: 3200K: 8900 lm, 5600K: 10200 lm
6. Beam angles: 5°, 10°, 14°, 19°, 26°, 36° and 50°; custom beam angles available upon request.
7. Optical system: The light passes through a multi-element optical system incorporating seven optical elements, producing a clean and highly uniform projected beam with minimal yellow or blue edging, no visible dark patterns, minimal chromatic dispersion, excellent color mixing and no ghosting or double-image effect.

Construction & Standard Accessories

1. Housing material: Aluminum alloy
2. Surface finish: Anodized or powder-coated finish; custom colors are available according to customer requirements.
3. Standard accessories: Optical diffusion plate, power input/output connectors and signal input/output connectors. Additional accessories are available upon request and can be customized to meet specific customer requirements.
4. Iris & gobo holder: Optional iris and gobo holder available upon request.

Fan-Cooled vs. Fanless Versions: Fanless Versions available only for the 200 W model. Performance specifications are the same as the fan-cooled version, except that the fanless version is 5 cm longer, 0.7 kg heavier, and differently priced.

Dimensions & Weight

Product Name	inner size	packing size	Net weight	Gross weight
5 °	114X41X43 cm	**130X50X50 cm**	11.8 kg	16 kg
10 °	83X29X29 cm	94X31.5X33 cm	14.3 kg	16.3 kg
14 °	74X29X29 cm	85X31.5X33 cm	14.1 kg	15.9 kg
19 °	74X29X29 cm	85X31.5X33 cm	14.1 kg	15.9 kg
26 °	74X29X29 cm	85X31.5X33 cm	13.5 kg	15.3 kg
36 °	74X29X29 cm	85X31.5X33 cm	13.9 kg	15.7 kg
50 °	74X29X29 cm	85X31.5X33 cm	14.5 kg	16.3 kg

Product Name	inner size	packing size	Net weight	Gross weight
5 °(No fan)	120X41X43 cm	**130X50X50 cm**	12.6 kg	17 kg
10 °(No fan)	89X29X29 cm	99X31.5X33 cm	15.1 kg	17.1 kg
14 °(No fan)	80X29X29 cm	94X31.5X33 cm	14.9 kg	16.7 kg
19 °(No fan)	80X29X29 cm	94X31.5X33 cm	14.9 kg	16.7 kg
26 °(No fan)	80X29X29 cm	94X31.5X33 cm	14.3 kg	16.1 kg
36 °(No fan)	80X29X29 cm	94X31.5X33 cm	14.7 kg	16.5 kg
50 °(No fan)	80X29X29 cm	94X31.5X33 cm	15.3 kg	17.1 kg

Beam diameter and illuminance parameters at different distances

5° Fixed-CCT

Distance(m)	5	10	15	20	25	30	35	40	42	44	46	48	50
5°beam diameter£¤m£'	0.44	0.87	1.31	1.75	2.18	2.62	3.06	3.49	3.67	3.84	4.02	4.19	4.37
3200K/300W centre(LUX)	53110	13278	5902	3315	2125	1486	1092	834	765	702	644	585	547
3200K/200W centre(LUX)	43553	10888	4839	2718	1743	1219	897	685	629	577	481	476	449
5600K/300W centre(LUX)	63050	15763	7006	3936	2523	1764	1297	990	909	834	765	695	650
5600K/200W centre(LUX)	50473	12618	5607	3150	2019	1412	1038	792	726	666	611	554	518

10° Fixed-CCT

Distance(m)	3	6	8	10	12	14	16	18	20	22	24	26	28	30
10°beam diameter£¤m£'	0.53	1.05	1.4	1.75	2.1	2.45	2.8	3.15	3.5	3.85	4.2	4.55	4.9	5.25
3200K/300W centre(LUX)	21922	5480	3082	1973	1371	1007	771	608	493	408	342	292	251	219
3200K/200W centre(LUX)	17903	4476	2518	1611	1119	822	629	497	403	333	280	238	206	179
5600K/300W centre(LUX)	25402	6350	3572	2286	1588	1166	893	706	571	473	396	338	292	254
5600K/200W centre(LUX)	20408	5102	2870	1837	1276	937	717	567	459	379	319	272	234	204

14° Fixed-CCT

Distance(m)	3	6	8	10	12	14	16	18	20	22	24	26	28	30
14°beam diameter£¤m£'	0.74	1.47	1.96	2.46	2.95	3.44	3.93	4.42	4.91	5.4	5.89	6.38	6.88	7.37
3200K/300W centre(LUX)	15228	3807	2141	1371	952	699	535	423	343	283	238	203	175	152
3200K/200W centre(LUX)	13078	3270	1839	1177	817	601	460	363	294	243	204	174	150	131
5600K/300W centre(LUX)	18301	4575	2574	1647	1144	840	643	508	412	340	286	244	210	183
5600K/200W centre(LUX)	15716	3929	2210	1414	982	722	553	437	354	292	246	209	180	157

19° Fixed-CCT

Distance(m)	3	4	5	6	7	8	9	10	12	14	16	18	20
19°beam diameter£¤m£'	1	1.34	1.67	2	2.34	2.68	3.01	3.35	4.02	4.69	5.36	6.02	6.69
3200K/300W centre(LUX)	7698	4330	2771	1924	1414	1083	855	693	481	353	271	214	173
3200K/200W centre(LUX)	6512	3663	2345	1628	1196	916	724	586	407	299	229	181	147
5600K/300W centre(LUX)	9351	5260	3366	2338	1718	1315	1039	842	584	429	329	260	210
5600K/200W centre(LUX)	8223	4625	2960	2056	1510	1156	914	740	514	378	289	228	185

26° Fixed-CCT

Distance(m)	3	4	5	6	7	8	9	10	11	12	13	14	15
26°beam diameter£¤m£'	1.38	1.85	2.31	2.77	3.23	3.69	4.16	4.62	5.08	5.54	6	6.46	6.92
3200K/300W centre(LUX)	4487	2524	1615	1122	824	631	499	404	334	280	239	206	179
3200K/200W centre(LUX)	3799	2137	1368	950	698	534	422	342	283	237	202	174	152
5600K/300W centre(LUX)	5552	3123	1999	1388	1020	781	617	500	413	347	296	255	222
5600K/200W centre(LUX)	4679	2632	1685	1170	859	658	520	421	348	292	249	215	187

36° Fixed-CCT

Distance(m)	3	4	5	6	7	8	9	10	11	12
36°beam diameter£¤m£'	1.95	2.6	3.25	3.9	4.55	5.2	5.85	6.5	7.15	7.8
3200K/300W centre(LUX)	2772	1559	998	693	509	390	308	249	206	173
3200K/200W centre(LUX)	2274	1279	819	569	418	320	253	205	169	142
5600K/300W centre(LUX)	3317	1866	1194	829	609	466	369	299	247	207
5600K/200W centre(LUX)	2865	1611	1031	716	526	403	318	258	213	179

50° Fixed-CCT

Distance(m)	3	4	5	6	7	8	9	10	11	12
50°beam diameter£¤m£'	2.8	3.73	4.66	5.6	6.53	7.46	8.39	9.32	10.25	11.2
3200K/300W centre(LUX)	1271	715	457	318	233	179	141	114	95	79
3200K/200W centre(LUX)	1076	605	387	269	198	151	120	97	80	67
5600K/300W centre(LUX)	1596	898	574	399	293	224	177	144	119	99
5600K/200W centre(LUX)	1342	755	483	335	246	189	149	121	100	84

450W LED Followspot

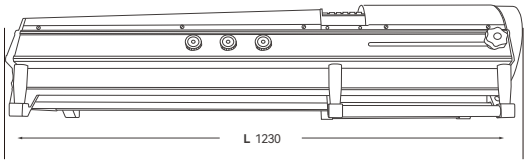


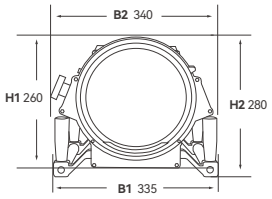
DD- F2



Technical Specifications

1.Rated Voltage: AC 100¤C240 V, 50/60 Hz
2.Rated Power: 480 W
3.Light Source: 450 W LED module
4.LED Lifetime: 50,000¤C100,000 hours
5.CCT: 6500 K
6.CRI: ≥94
7.TLCI: ≥97
8.TM-30 Rf: ≥93, **TM-30 Rg:** 102
9.Luminous Flux: 11,800 lm
10.Beam Angle: Adjustable from 4° to 8°
11.Dimming: 16-bit or higher smooth, linear flicker-free dimming with no perceptible delay; PWM frequency ≥28 kHz.
12.Zoom: Manual zoom
13.Focus: Manual focus
14.Operation: Manual
15.Operating Ambient Temperature: −25 °C to +40 °C
16.Fixture Dimensions: 123 × 34 × 28 cm
17.Packing Dimensions (with flight case and casters): 130×67×50cm **Net Weight:** Fixture 26 kg; Stand 9 kg
18.Gross Weight: 65 kg (including 30 kg flight case)





Beam Diameter & Illuminance at Various Throw Distances

Distance(m)		10	15	20	25	30	35	40	45	50
4°beam diameter£¤m£'		0.71	1.05	1.4	1.75	2.1	2.44	2.79	3.14	3.5
8°beam diameter£¤m£'		1.93	2.89	3.85	4.81	5.78	6.74	7.7	8.67	9.63
4°	Centre(LUX)	9180	4600	2340	1520	1100	780	620	490	380
	Average(LUX)	7650	3820	1940	1250	910	650	510	410	310
8°	Centre(LUX)	2210	1010	610	400	310	230	160	120	100
	Average(LUX)	1830	840	510	330	257	191	130	99	85

1000W LED Followspot

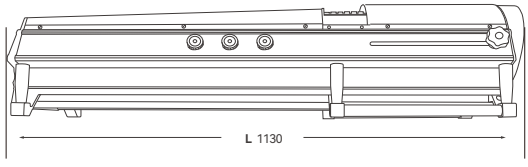


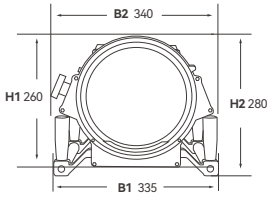
F1000



Technical Specifications

1.Rated Voltage: AC 100¤Œ240 V, 50/60 Hz
2.Rated Power: 1100 W
3.Light Source: 1000 W LED module
4.LED Lifetime: 50,000¤Œ100,000 hours
5.CCT: 6500 K
6.CRI: ≥94
7.TLCI: ≥97
8.TM-30 Rf: ≥93, **TM-30 Rg:** 102
7.Luminous Flux: 33,600 lm
9.Beam Angle: Adjustable from 4° to 8°
10.Dimming: 16-bit or higher smooth, linear flicker-free dimming with no perceptible delay; PWM frequency ≥28 kHz.
11.Zoom: Manual zoom
12.Focus: Manual focus
13.Operation: Manual
14.Operating Ambient Temperature: −25 °C to +40 °C
15.Fixture Dimensions: 113 × 34 × 28 cm
16.Packing Dimensions (with flight case and casters): 130×67×50cm **Net Weight:** Fixture 26 kg; Stand 9 kg
17.Gross Weight: 65 kg (including 30 kg flight case)





Beam Diameter & Illuminance at Various Throw Distances

Distance(m)		10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100
4°beam diameter£¤m£'		0.71	1.07	1.42	1.78	2.13	2.49	2.84	3.19	3.55	3.9	4.26	4.61	4.97	5.32	5.68	6.03	6.39	6.74	7.1
8°beam diameter£¤m£'		1.35	2.03	2.7	3.38	4.05	4.73	5.4	6.07	6.75	7.42	8.1	8.87	9.45	10.12	10.8	11.48	12.15	12.82	13.5
4°	Centre(LUX)	27200	12080	6750	4320	3050	2240	1720	1360	1100	910	765	650	560	500	440	390	346	310	280
	Average(LUX)	22060	9800	5510	3530	2450	1800	1380	1090	880	730	610	520	450	390	345	306	272	245	220
8°	Centre(LUX)	10800	4810	2720	1740	1240	920	710	560	450	370	315	270	230	200	175	155	138	125	110
	Average(LUX)	9020	4010	2250	1440	1000	740	564	446	360	290	250	214	185	160	140	125	110	100	90



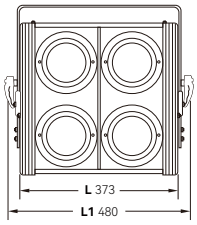


DD-SB4

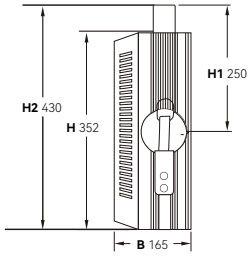
4-way modular linking for multi-unit arrays



Technical Specifications

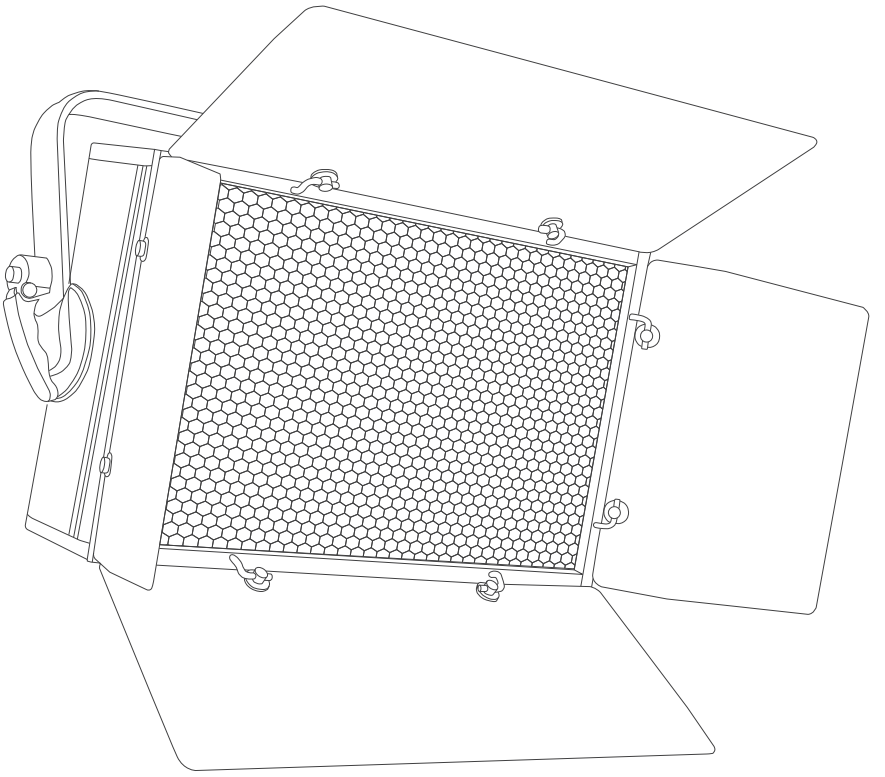


1. LED Source: Four LED modules, each incorporating 21 × 6 W LEDs. Each LED is operated at 4 W in normal use to improve luminous efficiency, reduce thermal load, and extend service life.
2. LED Lifetime: 50,000¤Ç100,000 hours
3. Input Voltage: AC 100¤Ç240 V, 50/60 Hz
4. Maximum Output Power: 320 W; continuous operating power remains stable.
5. Display: LCD display with Chinese/English menu; screen size: 35 × 29 mm
6. Control: DMX512 control and local control via buttons and rotary encoder for dimming; RDM supported.
7. Dimming Modes: 6 selectable dimming modes
8. Dimming: 16-bit smooth linear flicker-free dimming with no perceptible delay; PWM frequency ≥28 kHz
9. DMX Modes: 2-channel, 3-channel, 9-channel and 10-channel modes
10. CCT: 3200 K standard; other color temperatures available upon request
11. CRI: ≥93
12.TLCI: ≥89
13.TM-30 Rf: ≥90, **TM-30 Rg:** 103
14. Luminous Flux: 23,000 lm
15. Light Source Adjustment: Each optical light-source module can rotate 360° and can also be tilted left or right to adjust the beam direction
16. Operating Ambient Temperature: −25 °C to +40 °C
17. IP Rating: IP20
18. Fixture Dimensions: 48 × 16.5 × 43 cm
19. Packing Dimensions: 53 × 47 × 23 cm
20. Weight: Net 10 kg;
21.Gross: 11.5 kg



OEM & ODM manufacturing and custom parts supply

Global Distributors Wanted



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