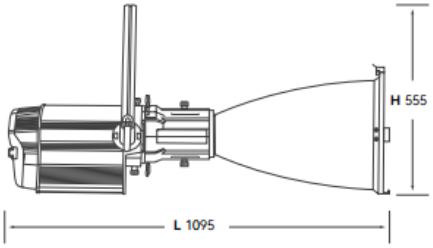
CCT Tunable LED Fixed-Angle Profile Spotlight

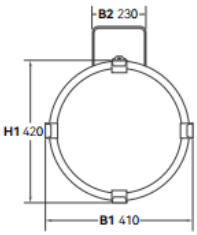


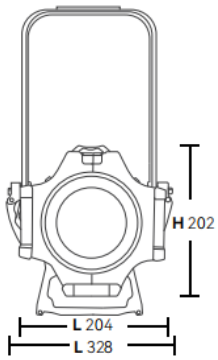


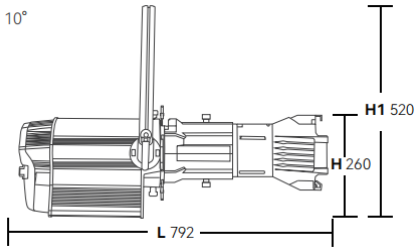

Standard Version: 5°　　10°　　14°/19°/26°/36°/50°

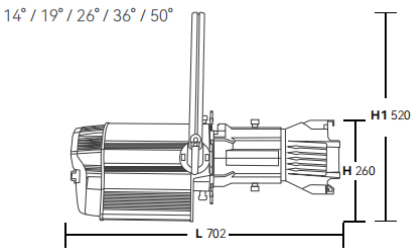
DD-PT5A/5°(300W)	DD-PT10A/10°(300W)	DD-PT14A/14°(300W)	DD-PT19A/19°(300W)	DD-PT26A/26°(300W)	DD-PT36A/36°(300W)	DD-PT50A/50°(300W)
DD-PT5B/5°(200W)	DD-PT10B/10°(200W)	DD-PT14B/14°(200W)	DD-PT19B/19°(200W)	DD-PT26B/26°(200W)	DD-PT36B/36°(200W)	DD-PT50B/50°(200W)









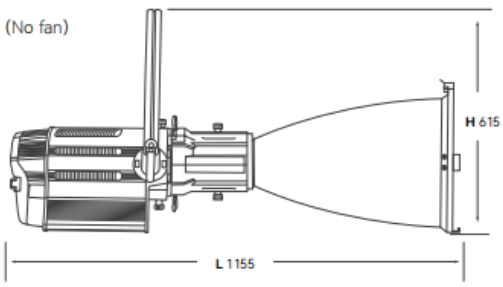


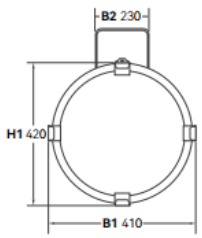


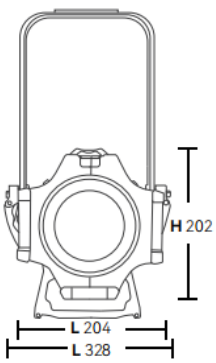


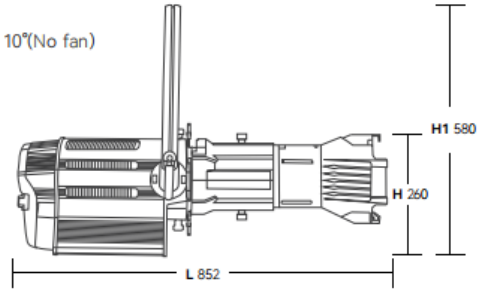

Fanless Version: 5°　　10°　　14°/19°/26°/36°/50°

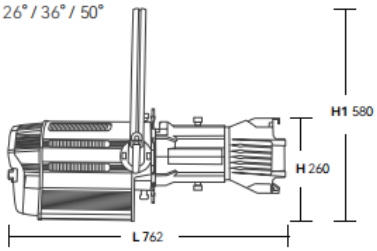
DD-PT5N/5°	DD-PT10N/10°	DD-PT14N/14°	DD-PT19N/19°	DD-PT26N/26°	DD-PT36N/36°	DD-PT50N/50°











CCT Tunable LED Fixed-Angle Profile Spotlight

Features & Specifications

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.

Products power

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.

Function specific and 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 (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. 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

Model / Beam angles	Inner size （cm）	Packing size/cm	NW/kg	GW/kg
5°(Fan-Cooled)	114X41X43	130X50X50	11.8	16
10°(Fan-Cooled)	83X29X29	94X31.5X33	14.3	16.3
14°(Fan-Cooled)	74X29X29	85X31.5X33	14.1	15.9
19°(Fan-Cooled)	74X29X29	85X31.5X33	14.1	15.9
26°(Fan-Cooled)	74X29X29	85X31.5X33	13.5	15.3
36°(Fan-Cooled)	74X29X29	85X31.5X33	13.9	15.7
50°(Fan-Cooled)	74X29X29	85X31.5X33	14.5	16.3
5°(Fanless)	120X41X43	130X50X50	12.6	17
10°(Fanless)	89X29X29	99X31.5X33	15.1	17.1
14°(Fanless)	80X29X29	94X31.5X33	14.9	16.7
19°(Fanless)	80X29X29	94X31.5X33	14.9	16.7
26°(Fanless)	80X29X29	94X31.5X33	14.3	16.1
36°(Fanless)	80X29X29	94X31.5X33	14.7	16.5
50°(Fanless)	80X29X29	94X31.5X33	15.3	17.1

Beam Diameter & Illuminance at Various Throw Distances

5° CCT tuneable LED Fixed-Angle Profile Spotlight

Throw 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 Center (lx)	36957	9239	4106	2310	1478	1026	755	578	524	476	437	402	370
6500K/300W Center (lx)	48946	12236	5438	3059	1958	1360	999	765	674	633	579	531	490
2700K/200W Center (lx)	29874	7469	3320	1867	1195	830	610	467	423	386	353	323	299
6500K/200W Center (lx)	38621	9655	4291	2414	1545	1073	788	604	547	499	456	419	386

10° CCT tuneable LED Fixed-Angle Profile Spotlight

Throw 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 Center (lx)	15482	3871	2177	1393	968	711	544	430	348	288	242	206	178	155
6500K/300W Center (lx)	19586	4896	2754	1763	1224	899	689	544	441	364	306	261	225	196
2700K/200W Center (lx)	13502	3376	1899	1215	843	620	475	375	303	251	211	156	135	119
6500K/200W Center (lx)	16515	4128	2323	1486	1032	758	581	458	371	307	259	219	190	165

14° CCT tuneable LED Fixed-Angle Profile Spotlight

Throw 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 Center (lx)	13172	3293	1852	1186	823	605	463	366	296	245	206	175	151	132
6500K/300W Center (lx)	17647	4412	2482	1588	1103	810	620	490	397	328	276	235	203	176
2700K/200W Center (lx)	10867	2717	1528	978	679	499	382	302	245	202	170	145	125	109
6500K/200W Center (lx)	14376	3594	2022	1294	898	660	505	399	323	267	225	191	165	144

19° CCT tuneable LED Fixed-Angle Profile Spotlight

Throw 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 Center (lx)	7039	3960	2534	1760	1293	990	782	634	440	323	247	196	158
6500K/300W Center (lx)	9057	5095	3261	2264	1664	1274	1006	815	566	416	318	252	204
2700K/200W Center (lx)	5718	3216	2058	1429	1050	804	635	515	357	263	201	159	129
6500K/200W Center (lx)	7408	4167	2667	1852	1361	1042	823	667	463	340	260	206	167

26° CCT tuneable LED Fixed-Angle Profile Spotlight

Throw 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 Center (lx)	4073	2291	1466	1018	748	573	453	367	303	255	217	187	163
6500K/300W Center (lx)	5519	3104	1987	1380	1014	776	613	497	411	345	294	253	221
2700K/200W Center (lx)	3340	1879	1202	835	613	469	371	301	248	209	177	153	133
6500K/200W Center (lx)	4434	2493	1595	1108	814	623	493	399	329	277	236	204	177

36° CCT tuneable LED Fixed-Angle Profile Spotlight

Throw 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 Center (lx)	2520	1418	907	630	463	354	280	227	187	158
6500K/300W Center (lx)	3369	1895	1213	842	619	474	374	303	251	211
2700K/200W Center (lx)	2047	1152	737	512	376	288	227	184	152	128
6500K/200W Center (lx)	2726	1534	982	682	501	383	303	245	203	171

50° CCT tuneable LED Fixed-Angle Profile Spotlight

Throw 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 Center (lx)	1144	643	412	286	210	161	127	103	85	71
6500K/300W Center (lx)	1560	877	562	390	286	219	173	140	116	97
2700K/200W Center (lx)	932	524	335	233	172	131	104	84	70	58
6500K/200W Center (lx)	1250	703	450	313	229	175	139	113	93	78