

>parade D9_D18_D27

Parade D9	OUTDOOR USE
Parade D18	OUTDOOR USE
Parade D27	OUTDOOR USE

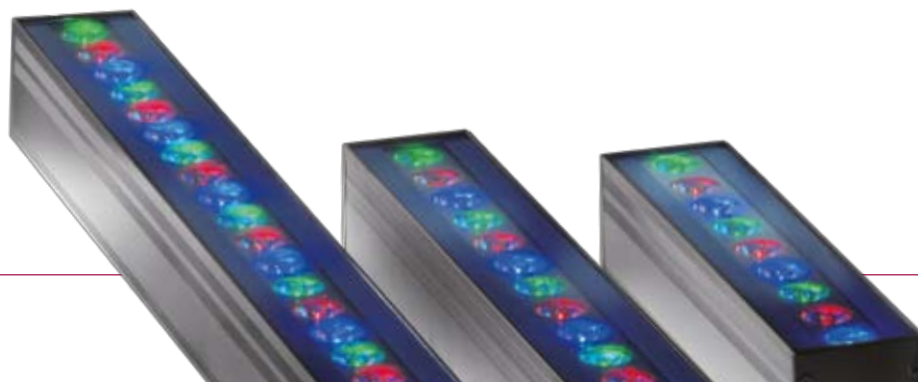


On its route along LED RGB colour changer innovation, GRIVEN has implemented the choice with the modular PARADE D9, PARADE D18 and PARADE D27 fixtures, using respectively 9, 18 and 27 high brightness, high efficiency LED light sources to offer highly flexible light output. The state of the art LED technology promises high reliability meaning minimal maintenance, and other advantages include durability, low power consumption, cool running and a quick light source response time. These newly designed units feature an IP67 weather protection factor for virtually any normal exterior application. Completely silent operation of course makes these units also ideal light sources for a wide variety of indoor applications. The PARADE series can be installed in any position and in any orientation, with the compact size and low weight assisting easy installation. The RGB (Red, Green, Blue) electronic colour mixing system, controllable from any DMX512 controller, gives an extraordinarily rich variety of colour hues. A choice of various beam angle optics is available along with frost and asymmetrical options, too.

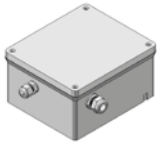
AL1408	PARADE D9 10
AL1410	PARADE D9 30
AL1412	PARADE D9 45
AL1414	PARADE D9 FROST
AL1415	PARADE D9 AS 10x20

AL1400	PARADE D18 10
AL1402	PARADE D18 30
AL1404	PARADE D18 45
AL1406	PARADE D18 FROST
AL1407	PARADE D18 AS 10x20

AL1395	PARADE D27 10
AL1396	PARADE D27 30
AL1397	PARADE D27 45
AL1399	PARADE D27 FROST
AL1398	PARADE D27 AS 10x20



ACCESSORIES



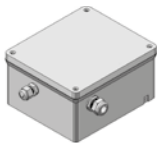
AD4110
IP65 UNIVERSAL DMX CONTROLLER



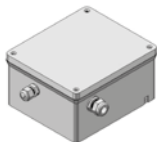
AL1416
TRANSFORMER BOX



AL1419
LED D.O.P. CONTROLLER



AD4118
POWER CDI COMMANDER



AD4119
POWER CDI COMMANDER PLUS

TECHNICAL SPECIFICATIONS

SOURCE

High brightness 1,2W power LED (Light-Emitting Diode) units
Continuously variable light intensity
1-100% electronic dimming facility
No UV / no infrared
Virtually instant light production (100 ns)
Strobe facility (20 fps)

SOURCE LIFE

The LED light sources used have an exceptionally long life: predicted 100.000 hours under normal operating conditions as mentioned by the LED manufacturer.

OPTICS

10° lenses fixture (ordering code AL1408 D9 – AL1400 D18 – AL1395 D27)
30° lenses fixture (ordering code AL1410 D9 – AL1402 D18 – AL1396 D27)
45° lenses fixture (ordering code AL1412 D9 – AL1404 D18 – AL1397 D27)
Fixture with frost filter (ordering code AL1414 D9 – AL1406 D18 – AL1399 D27)
10°x 20° lenses fixture (ordering code AL1415 D9 – AL1407 D18 – AL1398 D27)

COLOUR VARIETY

RGB additive colour mixing for countless attractive saturated colours
Theoretical variety of 16.700.000 colour hues

DIGITAL CONTROL

On-board Dip Switch set for digital data assignment and stand alone operation control
Pre-set selectable colour sequences and blends, master and slave, via the separate transformer unit box (ordering code AL1416)
4 channels of DMX 512 standard protocol
Input and output DMX signal connectors
IP65 optional universal DMX controller (ordering code AD4110)
Programming software with USB compatible download IP65 box (ordering code AD4118)
Enhanced programming software with USB compatible download IP65 box (ordering code AD4119)

LED D.O.P. Controller (ordering code AL 1419)

ELECTRICAL SPECIFICATIONS

Power supply: standard 80-260V / 50-60Hz
Power consumption: 1A @ 230V / 200W
(with 12 PARADE D9 or 6 Parade D18 or 4 Parade D27)
Self-resetting fuse protection (power supply box)
Electrical class: III
Meets CE safety standards

HOUSING

Die cast aluminium body
Separate transformer unit box (powering up to 12 PARADE D9 units, 6 PARADE D18 units or 4 PARADE D27 units – ordering code AL1416)
Scratch resistant polyester grey finish, protected against UV deterioration and general corrosion
Easy mounting system
IP67 protection rating

EXTERNAL OPERATING LIMITS

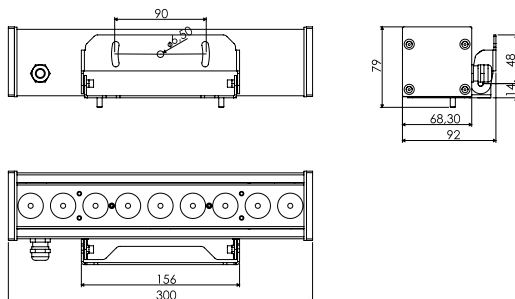
-20°C to 45°C (-4°F to 113°F) temperature

WEIGHT

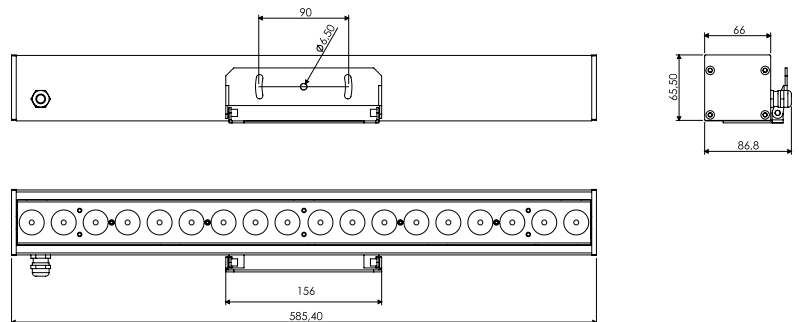
D9 unit = 1,8 Kg
D18 unit = 2,85 Kg
D27 unit = 4 Kg
IP65 separate transformer box = 3,7 Kg



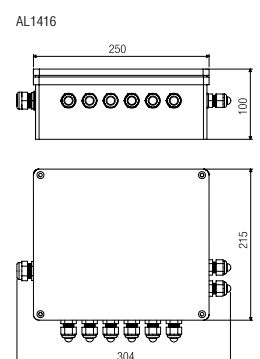
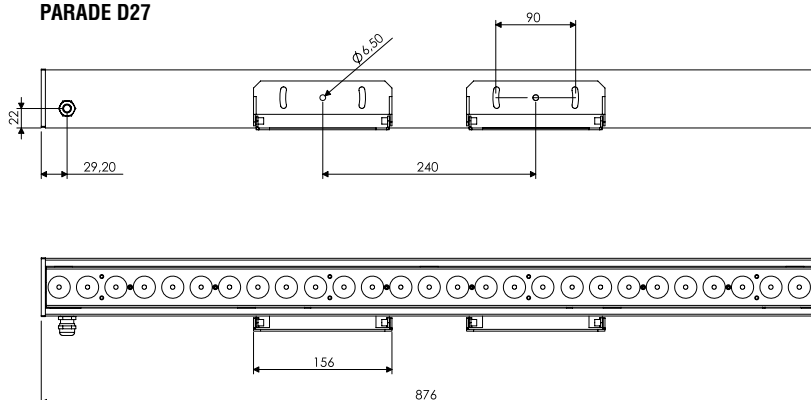
PARADE D9



PARADE D18



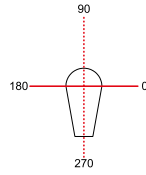
PARADE D27



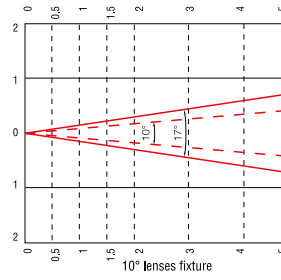
PHOTOMETRIC DIAGRAMS

PARADE D9

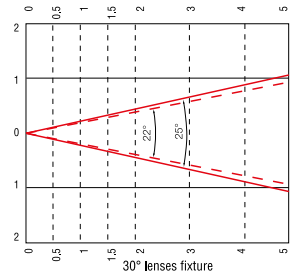
	1m	1,5m	2m	3m	4m	5m		
10°	Red	957	646	430	240	119	69	LUX
	Green	1030	765	437	268	138	70	LUX
	Blue	180	124	91	43	26	15	LUX
	White	2450	1600	980	550	295	157	LUX
30°	Red	310	187	94	56	28	15	LUX
	Green	413	246	147	75	42	24	LUX
	Blue	68	36	22	11	6	4	LUX
	White	820	460	278	130	74	44	LUX
45°	Red	126	55	30	13	9	5	LUX
	Green	195	87	48	22	14	8	LUX
	Blue	27	12	7	3	2	1	LUX
	White	347	153	84	37	24	13	LUX
Asym.	Red	718	355	210	92	52	34	LUX
	Green	920	477	390	121	67	62	LUX
	Blue	146	68	39	18	10	6	LUX
	White	1780	900	505	230	128	81	LUX



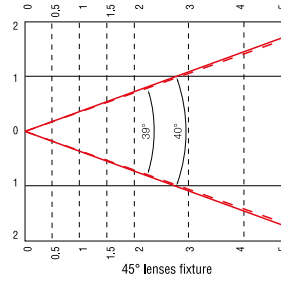
— C0 / C180
 - - - C90 / C270



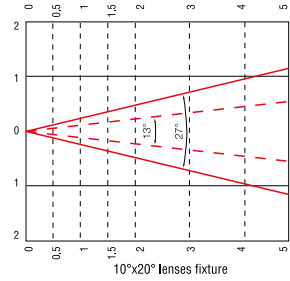
10° lenses fixture



30° lenses fixture



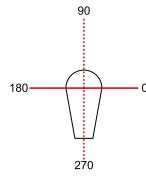
45° lenses fixture



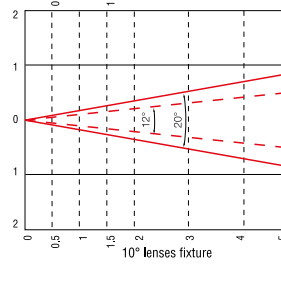
10°x20° lenses fixture

PARADE D18

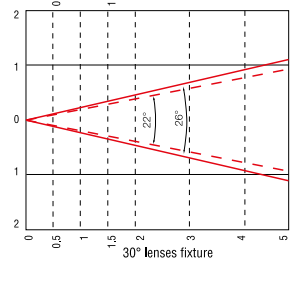
	1m	1,5m	2m	3m	4m	5m		
10°	Red	1230	820	540	346	195	86	LUX
	Green	1500	994	665	406	245	106	LUX
	Blue	300	180	137	78	48	22	LUX
	White	3050	2000	1365	820	510	218	LUX
30°	Red	400	280	160	87	48	26	LUX
	Green	520	386	215	117	69	34	LUX
	Blue	124	66	42	22	13	7	LUX
	White	1030	730	410	226	129	66	LUX
45°	Red	232	102	56	25	15	9	LUX
	Green	320	150	83	37	23	13	LUX
	Blue	62	28	16	7	5	3	LUX
	White	615	280	154	68	42	25	LUX
Asym.	Red	820	470	310	146	82	50	LUX
	Green	1250	680	450	200	112	72	LUX
	Blue	240	126	79	37	21	13	LUX
	White	2300	1280	840	384	215	134	LUX



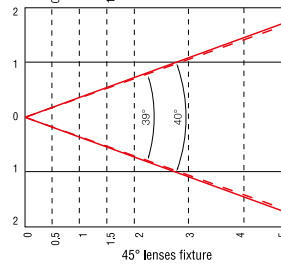
— C0 / C180
 - - - C90 / C270



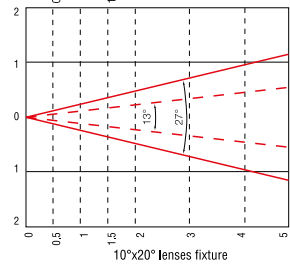
10° lenses fixture



30° lenses fixture



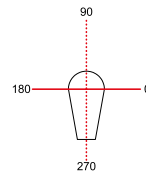
45° lenses fixture



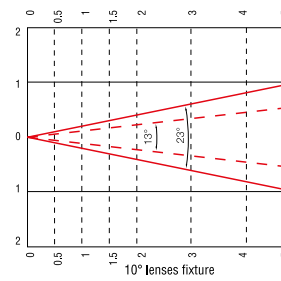
10°x20° lenses fixture

PARADE D27

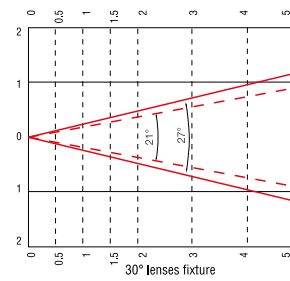
	1m	1,5m	2m	3m	4m	5m		
10°	Red	1254	870	575	375	265	125	LUX
	Green	1532	1080	790	485	351	175	LUX
	Blue	315	189	152	88	60	32	LUX
	White	3116	2100	1530	1000	670	360	LUX
30°	Red	483	325	210	120	68	34	LUX
	Green	704	470	315	173	100	50	LUX
	Blue	143	86	56	31	18	9	LUX
	White	1334	885	595	325	187	95	LUX
45°	Red	301	149	85	37	22	6	LUX
	Green	443	224	125	57	34	9	LUX
	Blue	79	40	23	11	6	2	LUX
	White	828	41	233	103	61	17	LUX
Asym.	Red	927	565	387	197	115	71	LUX
	Green	1440	880	600	295	169	106	LUX
	Blue	277	165	105	53	30	19	LUX
	White	2656	1625	1100	555	315	200	LUX



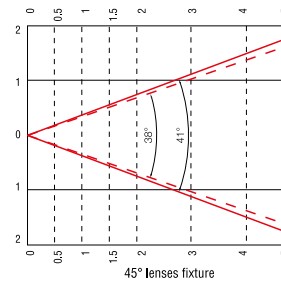
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 - - - C90 / C270



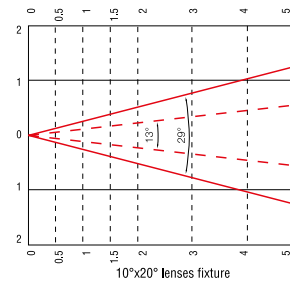
10° lenses fixture



30° lenses fixture



45° lenses fixture



10°x20° lenses fixture

parade



