

Small size, big performance

KREIOS® PROFILE

Technical information



KREIOS® PROFILE 80W

KREIOS® PROFILE 80W Warm White (WW)

Specifications

Optical System	Double optical condenser lens
Lens Diameter	137 mm
Zoom	20°-36°
Weight	6,95 kg
Dimensions (l*w*h)	404*228*172 mm
Material of housing	Aluminum and iron
Tilt Angle	+/- 90°
Power Supply Range	100-240 V AC, 50 - 60 Hz
Power Consumption (max.)	100 W
Power Connection	PowerCon IN/OUT
Total Luminous flux	7.390 lx / 2 m
Correlated Color Temperature (CCT)	3.000 (+100 K)
Color rendering index (CRI)	92
Dimming	0-100% Continuous (16 bit)
Control	DMX512 (5-Pin) / Manual
Housing Color	Black
Ambient Temperature	-10 to +40° C
Protection Class	IP 20
Estimated LED Lifetime (L70)	40.000 hours
Certifications	CE, UL
Required/included accessories	Filter frame, Powercon IN (nac3fca) and OUT (nac3fcb)
Additional accessories	Barn door, Iris, Gobo holder



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Illuminance data

KREIOS® PROFILE 80W Beam Angle 20°

Distance	[m] [ft]	2 6,56	3 9,84	4 13,12	6 19,68	8 26,25	10 32,81
Lux center	[lx]	11.966	5.318	2.991	1.330	748	479
Foot candles	[fc]	1.112	494	278	124	70	44
Diameter	[cm]	71	106	141	212	282	353
Diameter	[ft]	2,31	3,47	4,63	6,94	9,26	11,57

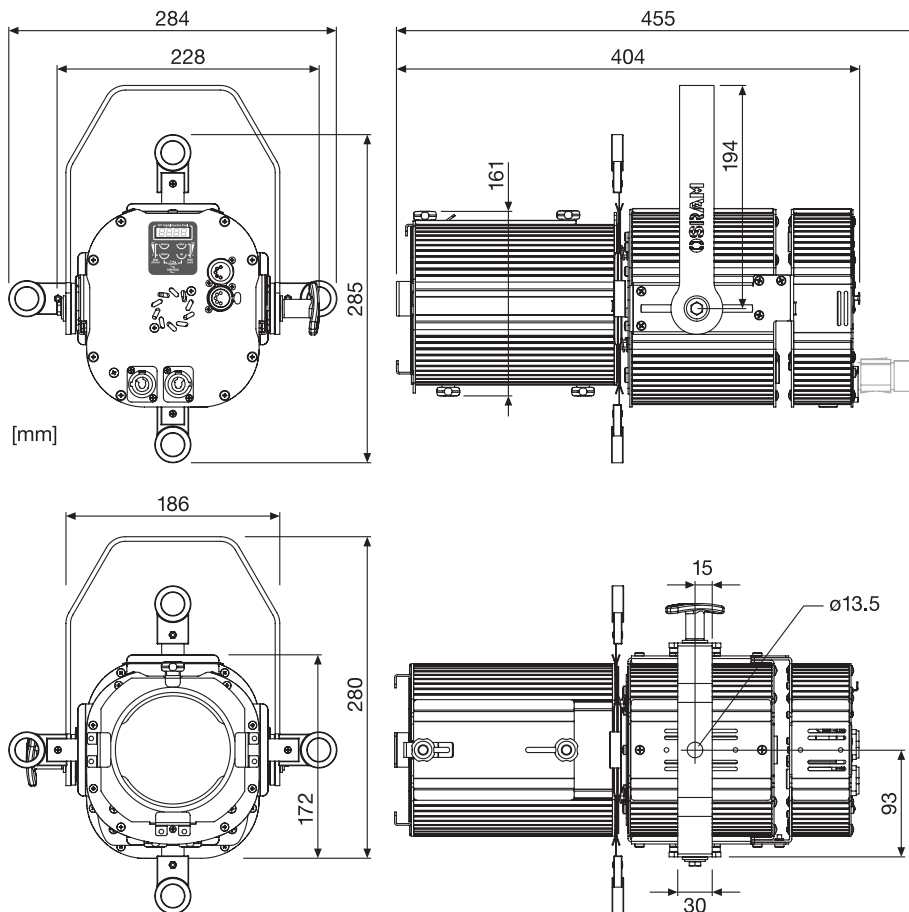
KREIOS® PROFILE 80W Beam Angle 36°

Distance	[m] [ft]	2 6,56	3 9,84	4 13,12	6 19,68	8 26,25	10 32,81
Lux center	[lx]	4.561	2.027	1.140	507	285	182
Foot candles	[fc]	424	188	106	47	26	17
Diameter	[cm]	130	195	260	390	520	650
Diameter	[ft]	4,26	6,40	8,53	12,79	17,06	21,32



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KREIOS® FRESNEL

Technical information



KREIOS® FRESNEL 80W

KREIOS® FRESNEL 80W Warm White (WW) + RGBW

Specifications

Optical System	Fresnel lens
Lens Diameter	137 mm
Zoom	14°-77°
Weight	4,6 kg
Dimensions (l*w*h)	274*210*181 mm
Material of housing	Aluminum and iron
Tilt Angle	+/- 90°
Power Supply Range	100-240 V AC, 50-60 Hz
Power Connection	PowerCon In/Out panel connectors
Dimming	0-100% Continuous (16 bit)
Control	DMX512 (5-Pin) / Manual
Housing Color	Black
Ambient Temperature Operation	-10 to +40° C
Protection Class	IP 20
Certifications	CE, UL
Required/included accessories	Filter frame, Powercon IN (nac3fca) and OUT (nac3fcb)
Additional accessories	Barn door

	WW	RGBW
Power Consumption (max.)	100 W	68-100 W
Total Luminous flux	7.390 lx / 2 m	3.863 lx / 2 m
Correlated Color Temperature	3.000 K (+100 K)	adjustable 2.800-6.500 K
Color rendering index	92	n/a
Estimated LED Lifetime (L70)	40.000 hours	25.000 hours

Light is OSRAM





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KREIOS® FRESNEL

Illuminance data

KREIOS® FRESNEL 80W RGBW Beam Angle 14°

Distance	[m]	2	3	4	6	8	10
	[ft]	6,56	9,84	13,12	19,68	26,25	32,81
Lux center	[lx]	3.863	1.717	966	429	241	155
Foot candles	[fc]	359	160	90	40	22	14
Diameter	[cm]	49	74	98	147	196	246
Diameter	[ft]	1,61	2,42	3,22	4,83	6,45	8,06

KREIOS® FRESNEL 80W RGBW Beam Angle 77°

Distance	[m]	2	3	4	6	8	10
	[ft]	6,56	9,84	13,12	19,68	26,25	32,81
Lux center	[lx]	639	284	160	71	40	26
Foot candles	[fc]	59	26	15	7	4	2
Diameter	[cm]	318	477	636	955	1.273	1.591
Diameter	[ft]	10,44	15,66	20,88	31,32	41,75	52,19

KREIOS® FRESNEL 80W White Beam Angle 14°

Distance	[m]	2	3	4	6	8	10
	[ft]	6,56	9,84	13,12	19,68	26,25	32,81
Lux center	[lx]	7.146	3.176	1.787	794	447	286
Foot candles	[fc]	664	295	166	74	42	27
Diameter	[cm]	49	74	98	147	196	246
Diameter	[ft]	1,61	2,42	3,22	4,83	6,45	8,06

KREIOS® FRESNEL 80W White Beam Angle 77°

Distance	[m]	2	3	4	6	8	10
	[ft]	6,56	9,84	13,12	19,68	26,25	32,81
Lux center	[lx]	1.400	622	350	156	87	56
Foot candles	[fc]	130	58	33	14	8	5
Diameter	[cm]	318	477	636	955	1.273	1.591
Diameter	[ft]	10,44	15,66	20,88	31,32	41,75	52,19



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KREIOS® FRESNEL

