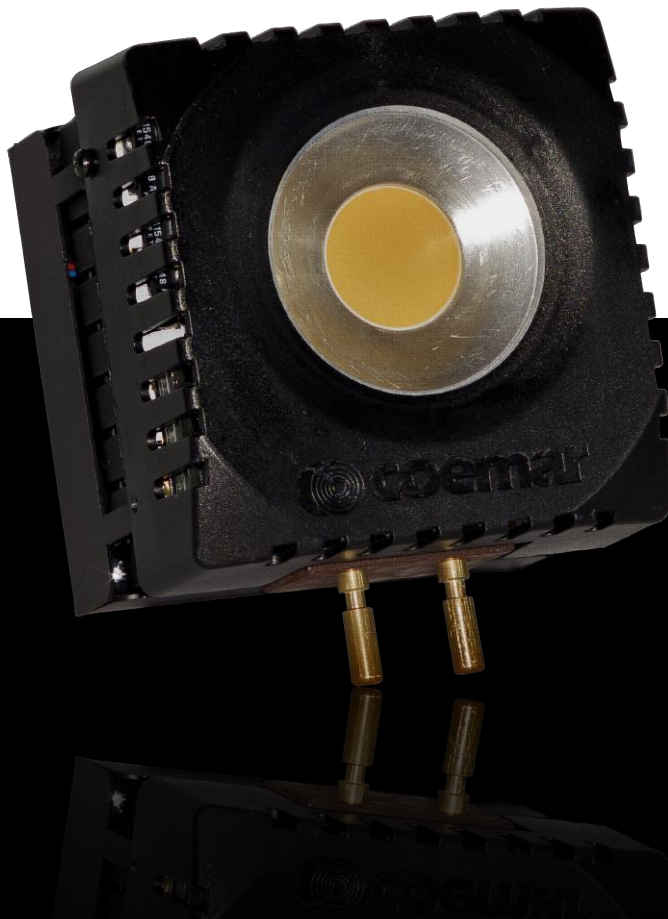


Technical Brochure



ReLite Led

Lite Led Series

ReLite Led

KEY FEATURES

- Revitalize your 1k and 2k Fresnel fixtures thanks to ReLite: your true retrofit LED relamping option
- Flicker-free ideal for TV/Broadcast installations
- Excellent white light quality with CRI 90 or CRI 97
- Smooth dimming 2%-100% from traditional triac AC or igbt dimmers
- No color-shift with dimming
- Huge power savings (reduce your power consumption by over 90%) with almost no heat generated
- No heat on your subject



ReLite Led

SPECIFICATIONS

Fixed white CCT at 3200 K or 5600 K

Full-range dimming on your existing AC Dimmers

Flicker-free (dimming with constant current)

Operating Ta (°C/F) range: -20 to 45°C (-4 to 113° F) thermal protection at 65°C/149°F

Audio noise dbA: 14

Instantly upgrade an existing Arri, ADB or De Sisti (and more)

PHYSICAL SIZE

Depth: 91 mm (3.58 in)

Width: 107 mm (4.21 in)

Height: 110 mm (4.33 in)

Height with connectors: 134 mm (5.28 in)

Weight: 0.8 Kg (1.7 lbs)

LIGHT SOURCE

CRI 90 (160W) COB LED (Tungsten)

CQS: 92

DUV: 0.0015

TLCI: 89.7

GAI: 54

CRI 97 (115W) COB LED (Tungsten)

CQS: 98

DUV: 0.0008

TLCI: 97.4

GAI: 53.7

CRI 90 (160W) COB LED (Daylight)

CQS: 95

DUV: -0.0019

TLCI: 98.4

GAI: 96.8

CRI 97 (115W) COB LED (Daylight)

CQS: 90

DUV: 0.0015

TLCI: 91.1

GAI: 89.8

LED life 20.000 hours at 70% lumen intensity maintenance

ELECTRICAL SPECIFICATIONS/CONNECTIONS

Power supply: 90 -240 Vac, 50-60 Hz

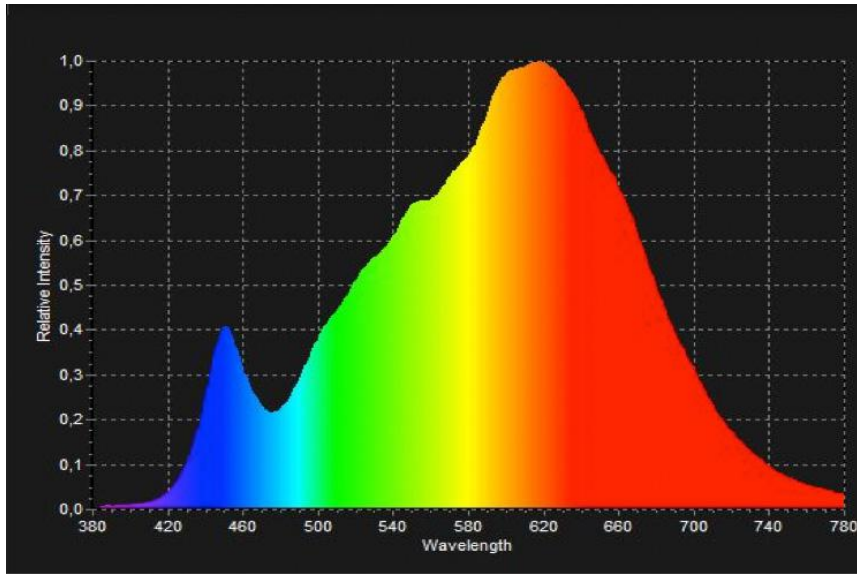
Max power consumption: 0.5A (CRI 95), 0.7A (CRI 90) at 230V, Cosφ 0.98

Pin Connectors: G22 - G38 adaptor

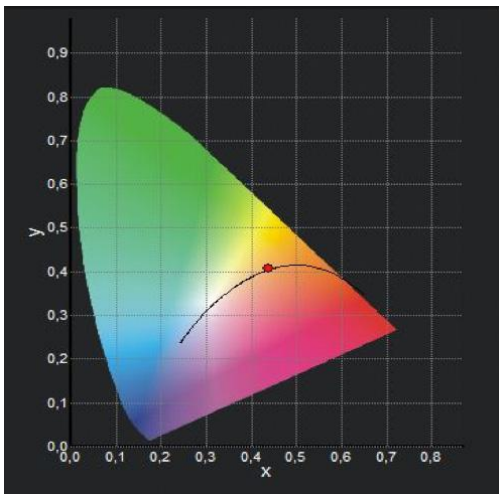
**GIVE LIFE BACK TO YOUR
FRESNEL**

**The most economic and fast
way to switch your studio
or theatre from Halogen to
LED in just a few seconds**

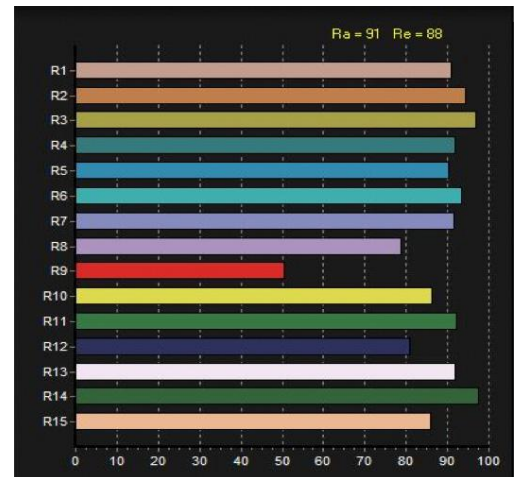
SPECTRUM



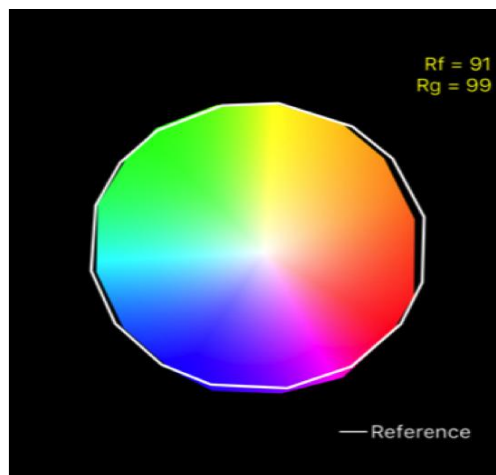
CIE 1931



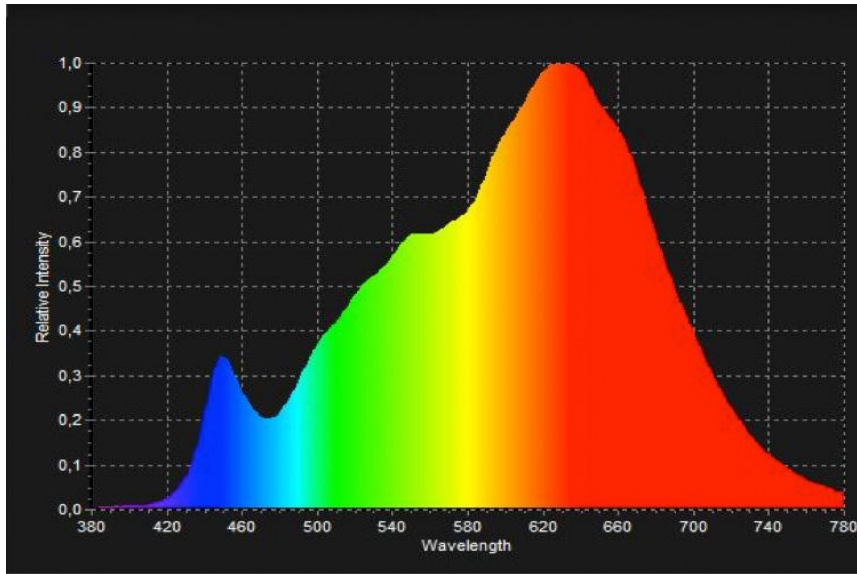
CRI



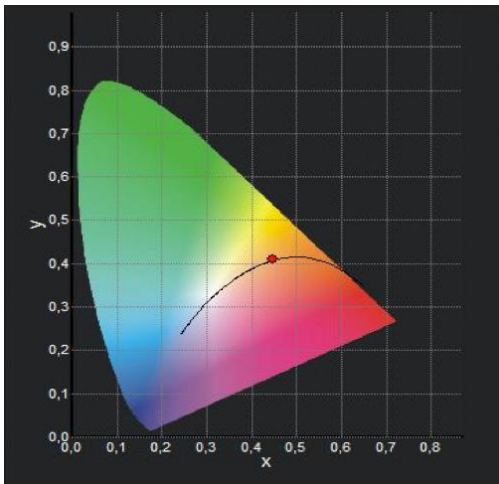
TM-30-15



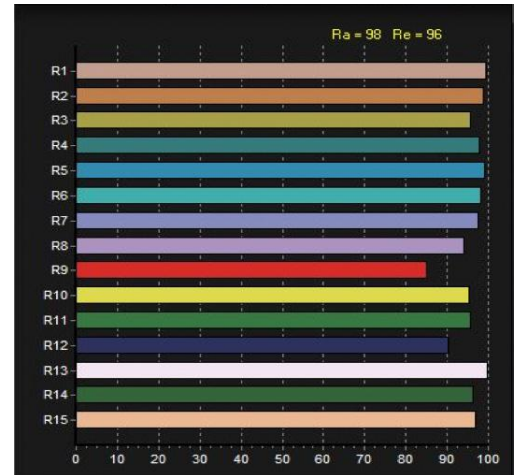
SPECTRUM



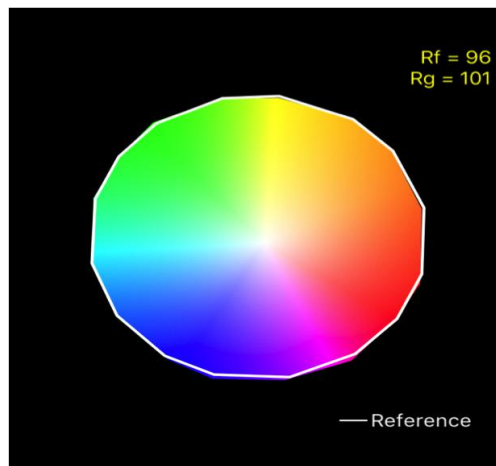
CIE 1931



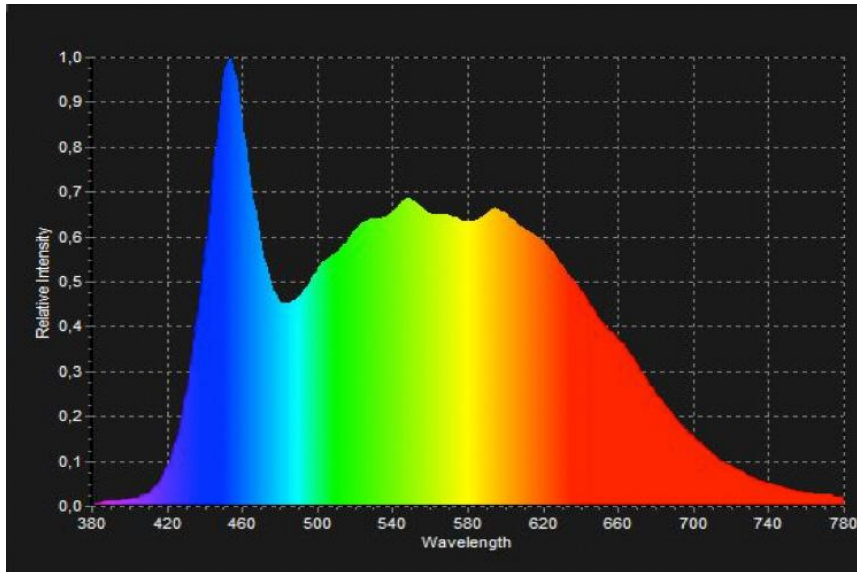
CRI



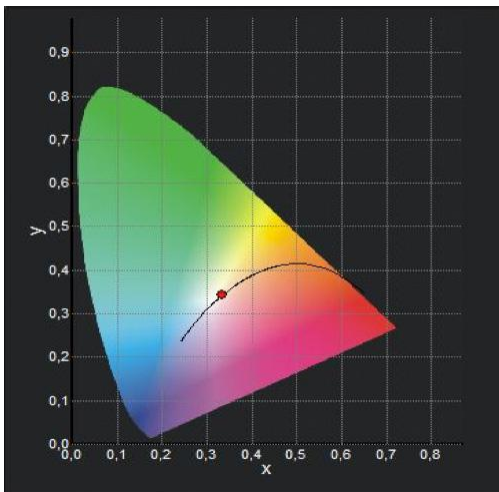
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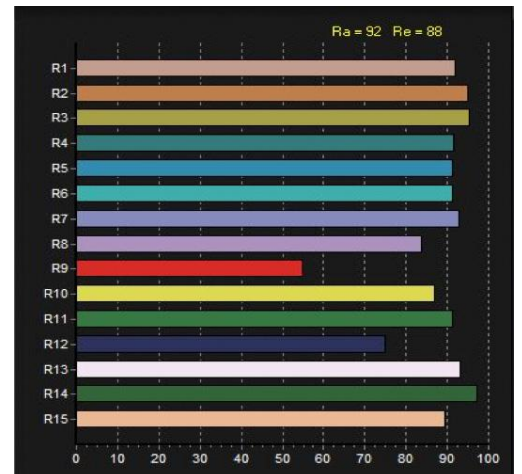
SPECTRUM



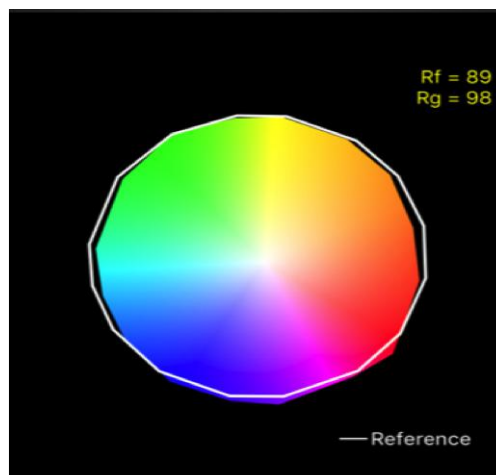
CIE 1931



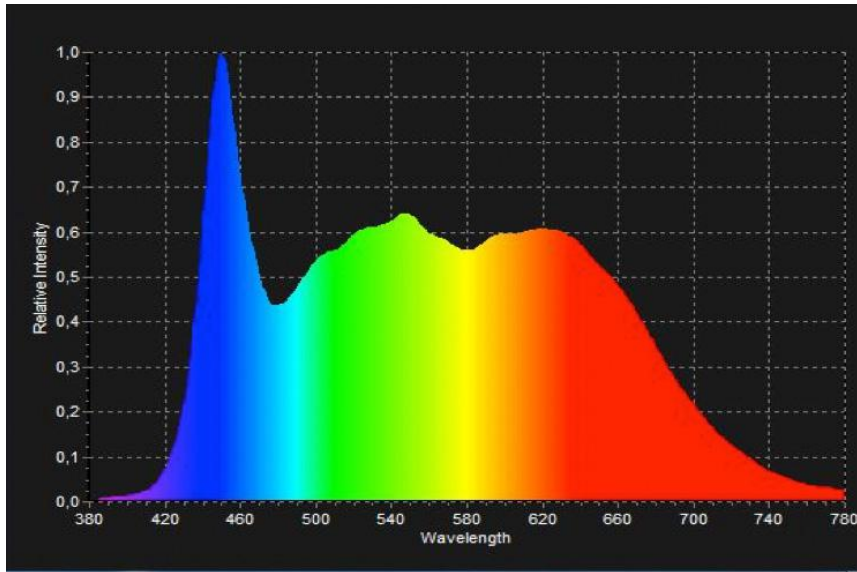
CRI



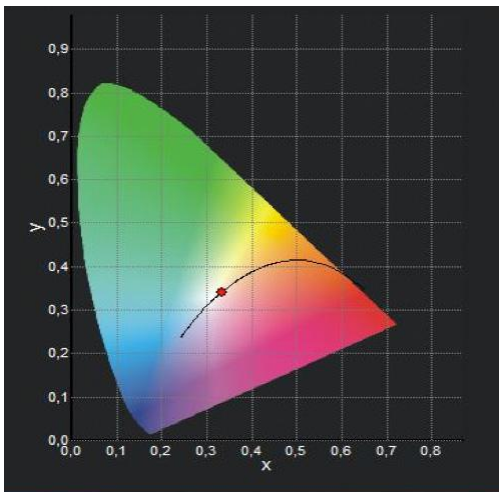
TM-30-15



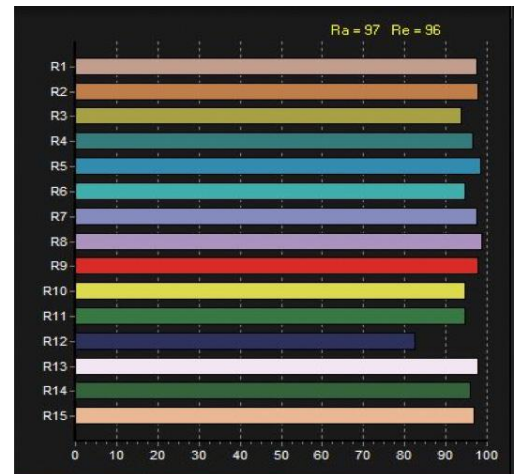
SPECTRUM



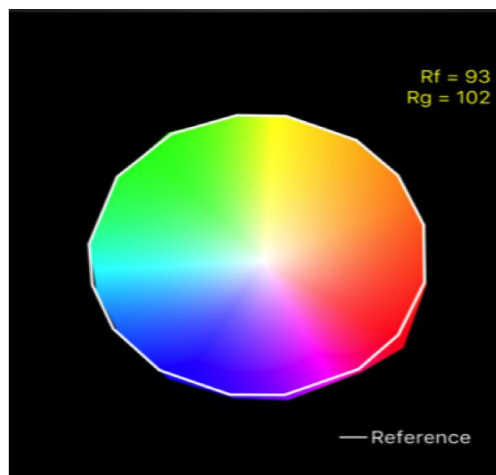
CIE 1931

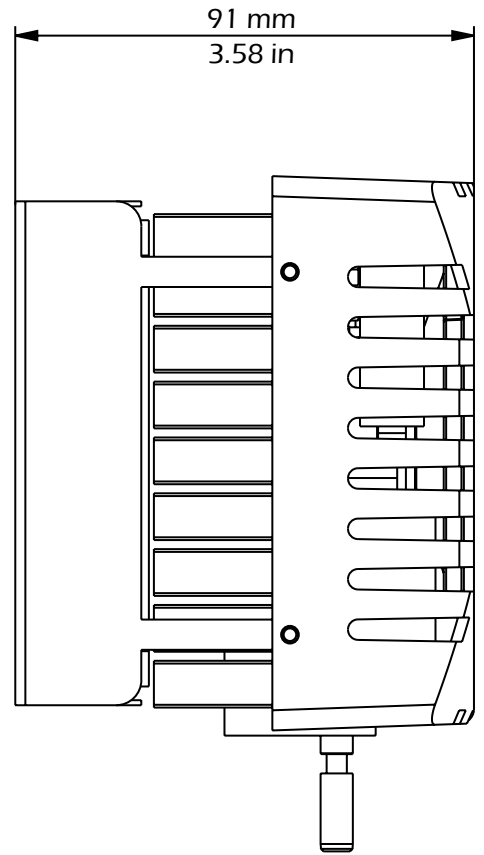
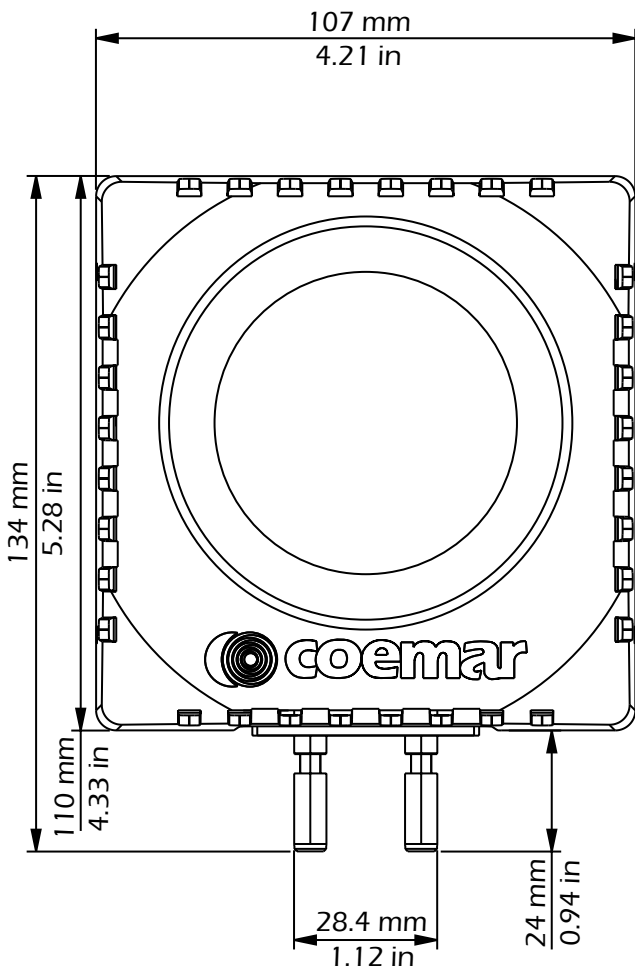


CRI



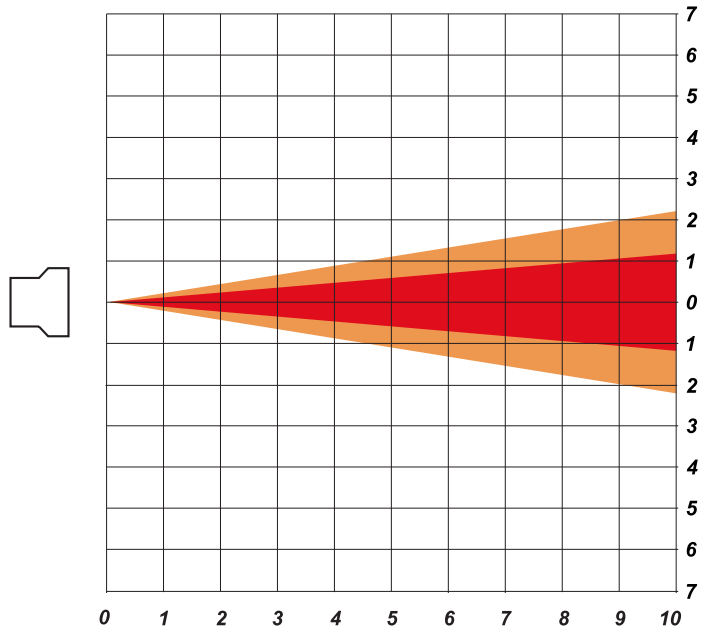
TM-30-15





Zoom min.

Distance (m.)	1	2	3	4	5	6	7	8	9	10
Luminous emittance (Lux)	45900	11475	5100	2869	1836	1275	937	717	567	459
1/2 peak angle Ø m.	0.23	0.46	0.68	0.91	1.14	1.37	1.60	1.82	2.05	2.28
1/10 peak angle Ø m.	0.44	0.89	1.33	1.77	2.22	2.66	3.10	3.55	3.99	4.43

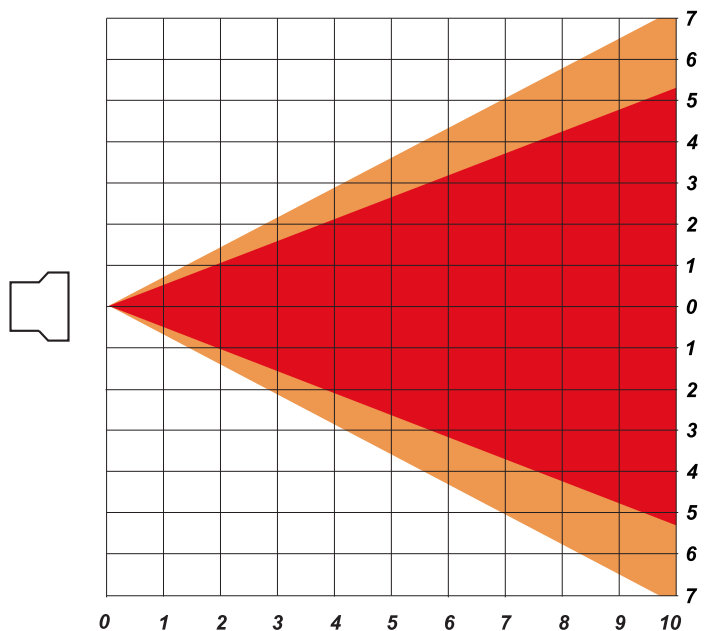


1/2 peak angle: 13°

1/10 peak angle: 25°

Zoom max.

Distance (m.)	1	2	3	4	5	6	7	8	9	10
Luminous emittance (Lux)	6750	1688	750	422	270	188	138	105	83	68
1/2 peak angle Ø m.	1.04	2.08	3.12	4.16	5.21	6.25	7.29	8.33	9.37	10.41
1/10 peak angle Ø m.	1.48	2.96	4.44	5.92	7.40	8.88	10.36	11.84	13.32	14.80

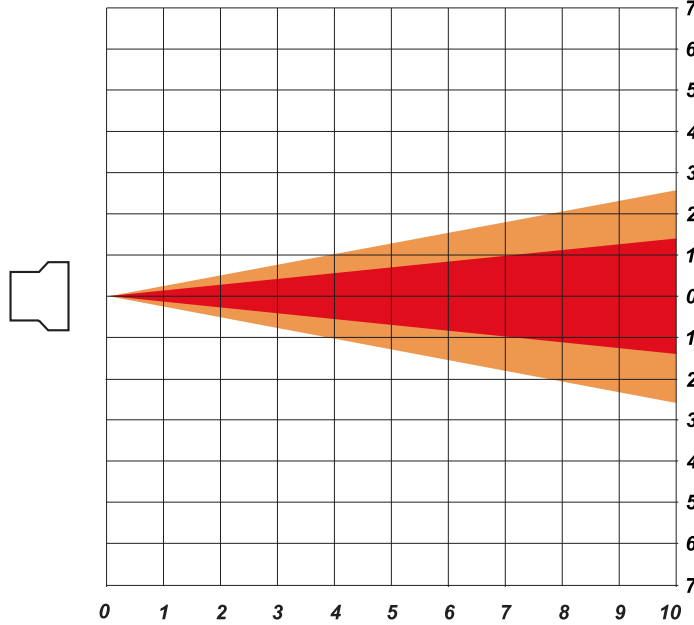


1/2 peak angle: 55°

1/10 peak angle: 73°

Zoom min.

Distance (m.)	1	2	3	4	5	6	7	8	9	10
Luminous emittance (Lux)	31320	7830	3480	1958	1253	870	639	489	387	313
1/2 peak angle Ø m.	0.28	0.56	0.84	1.12	1.41	1.69	1.97	2.25	2.53	2.81
1/10 peak angle Ø m.	0.50	1.00	1.50	1.99	2.49	2.99	3.49	3.99	4.49	4.99

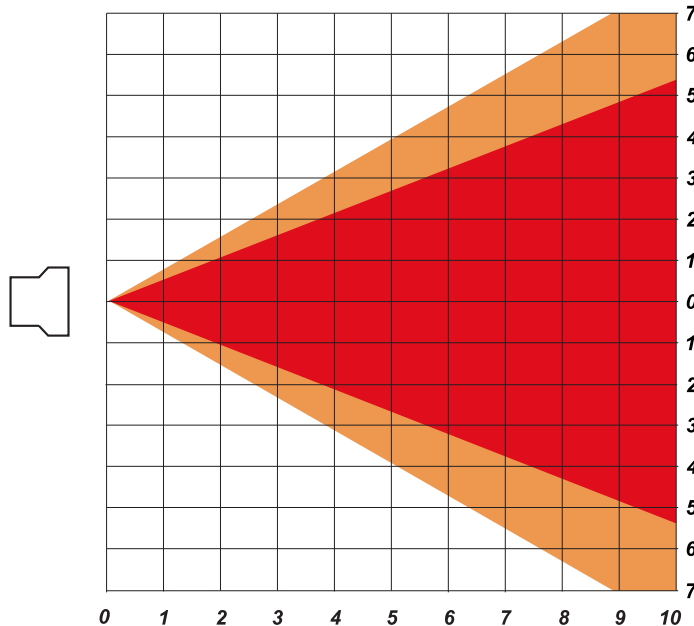


1/2 peak angle: 16°

1/10 peak angle: 28°

Zoom max.

Distance (m.)	1	2	3	4	5	6	7	8	9	10
Luminous emittance (Lux)	6300	1575	700	394	252	175	129	98	78	63
1/2 peak angle Ø m.	1.06	2.13	3.19	4.25	5.32	6.38	7.44	8.51	9.57	10.63
1/10 peak angle Ø m.	1.51	3.01	4.52	6.03	7.54	9.04	10.55	12.06	13.56	15.07

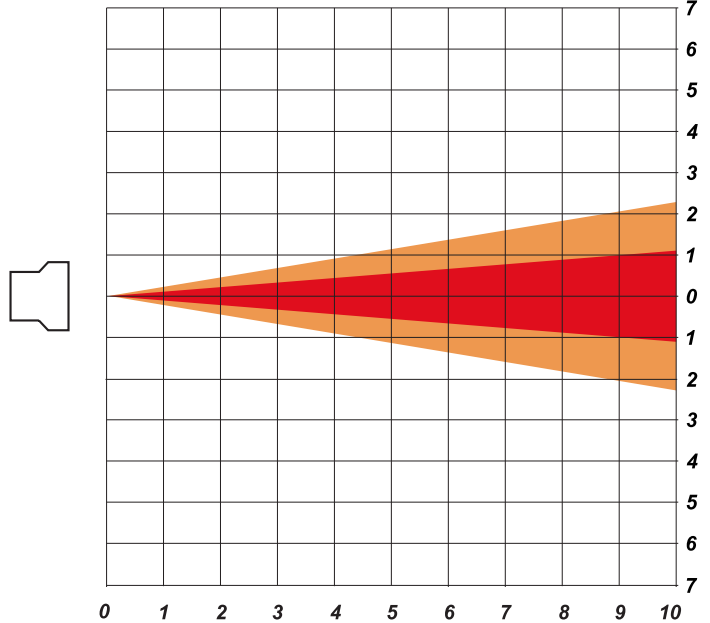


1/2 peak angle: 56°

1/10 peak angle: 74°

Zoom min.

Distance (m.)	1	2	3	4	5	6	7	8	9	10
Luminous emittance (Lux)	54900	13725	6100	3431	2196	1525	1120	858	678	549
1/2 peak angle Ø m.	0.23	0.46	0.68	0.91	1.14	1.37	1.60	1.82	2.05	2.28
1/10 peak angle Ø m.	0.44	0.89	1.33	1.77	2.22	2.66	3.10	3.55	3.99	4.43

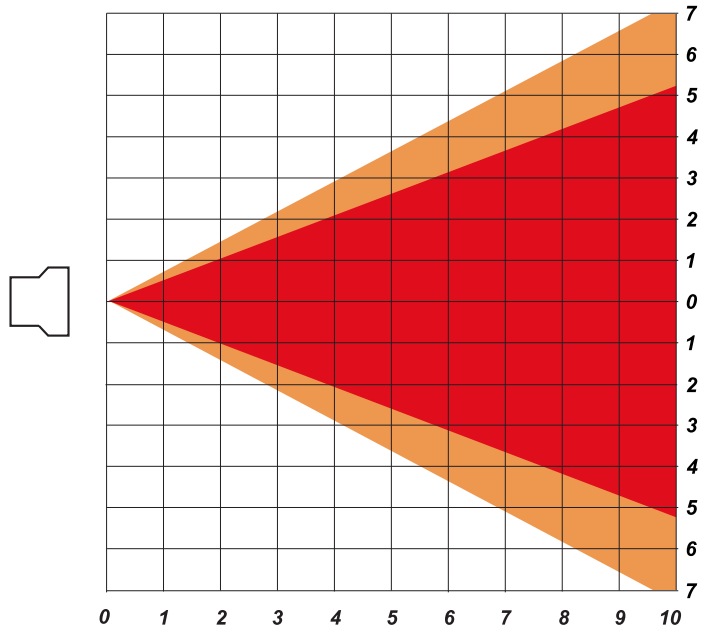


1/2 peak angle: 13°

1/10 peak angle: 25°

Zoom max.

Distance (m.)	1	2	3	4	5	6	7	8	9	10
Luminous emittance (Lux)	7830	1958	870	489	313	218	160	122	97	78
1/2 peak angle Ø m.	1.04	2.08	3.12	4.16	5.21	6.25	7.29	8.33	9.37	10.41
1/10 peak angle Ø m.	1.48	2.96	4.44	5.92	7.40	8.88	10.36	11.84	13.32	14.80

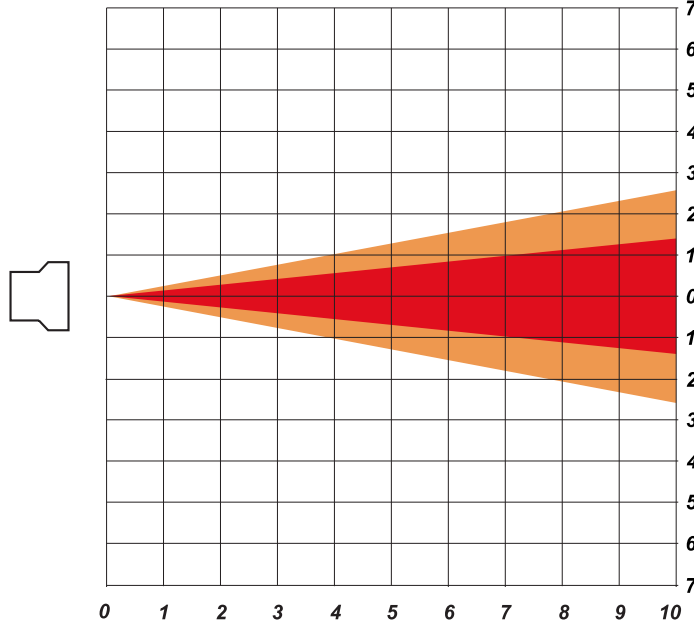


1/2 peak angle: 55°

1/10 peak angle: 73°

Zoom min.

Distance (m.)	1	2	3	4	5	6	7	8	9	10
Luminous emittance (Lux)	34335	8584	3815	2146	1373	954	701	536	424	343
1/2 peak angle Ø m.	0.28	0.56	0.84	1.12	1.41	1.69	1.97	2.25	2.53	2.81
1/10 peak angle Ø m.	0.50	1.00	1.50	1.99	2.49	2.99	3.49	3.99	4.49	4.99

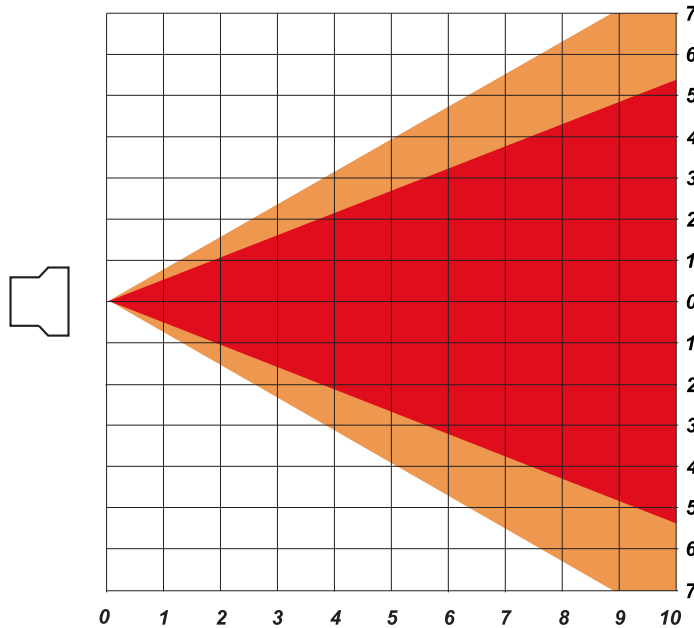


1/2 peak angle: 16°

1/10 peak angle: 28°

Zoom max.

Distance (m.)	1	2	3	4	5	6	7	8	9	10
Luminous emittance (Lux)	6570	1643	730	411	263	183	134	103	81	66
1/2 peak angle Ø m.	1.06	2.13	3.19	4.25	5.32	6.38	7.44	8.51	9.57	10.63
1/10 peak angle Ø m.	1.51	3.01	4.52	6.03	7.54	9.04	10.55	12.06	13.56	15.07



1/2 peak angle: 56°

1/10 peak angle: 74°



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