EXTENDED CRI95

Extended & Standard CRI ratings.

MZ LED Lights use high quality Japanese LEDs with Extended CRI95 or Standard CRI97. Extended CRI light measurement uses 15 color samples for more accurate results. Standard CRI uses only 8 color samples.

POWERFUL & PORTABLE

MZ LED lights are very powerful and portable. Half size and half weight but more powerful than LED panels. Boost function gives extra 30% light intensity for more demanding shootings.

- MZ-LED120/Bolt LED Light is more powerful than LED300 LED Panels
- MZ-LED176 LED Light is more powerful than LED500 LED Panels
- MZ-LED336 LED Light is more powerful than LED1000 LED Panels
- MZ-LED884 LED Light is more powerful than LED2000 LED Panels

COOLING & DURABILITY

MZ LED Boards and Dimmers are made of Aluminum and they are integrated in separate Aluminum bodies fitted on aluminum Heatsinks. Heatsinks are attached to the aluminum bodies and heat is transfered to the enviroment in the best possible way. We have used Aluminum material for the best possible cooling of both LED board and Dimmer. So you can use your MZ LED lights in warm places with same efficiency.

Our unique cooling technique inreases the lifespan of your MZ LED lights without the need of noisy fans which cause sound interferences in audio systems.
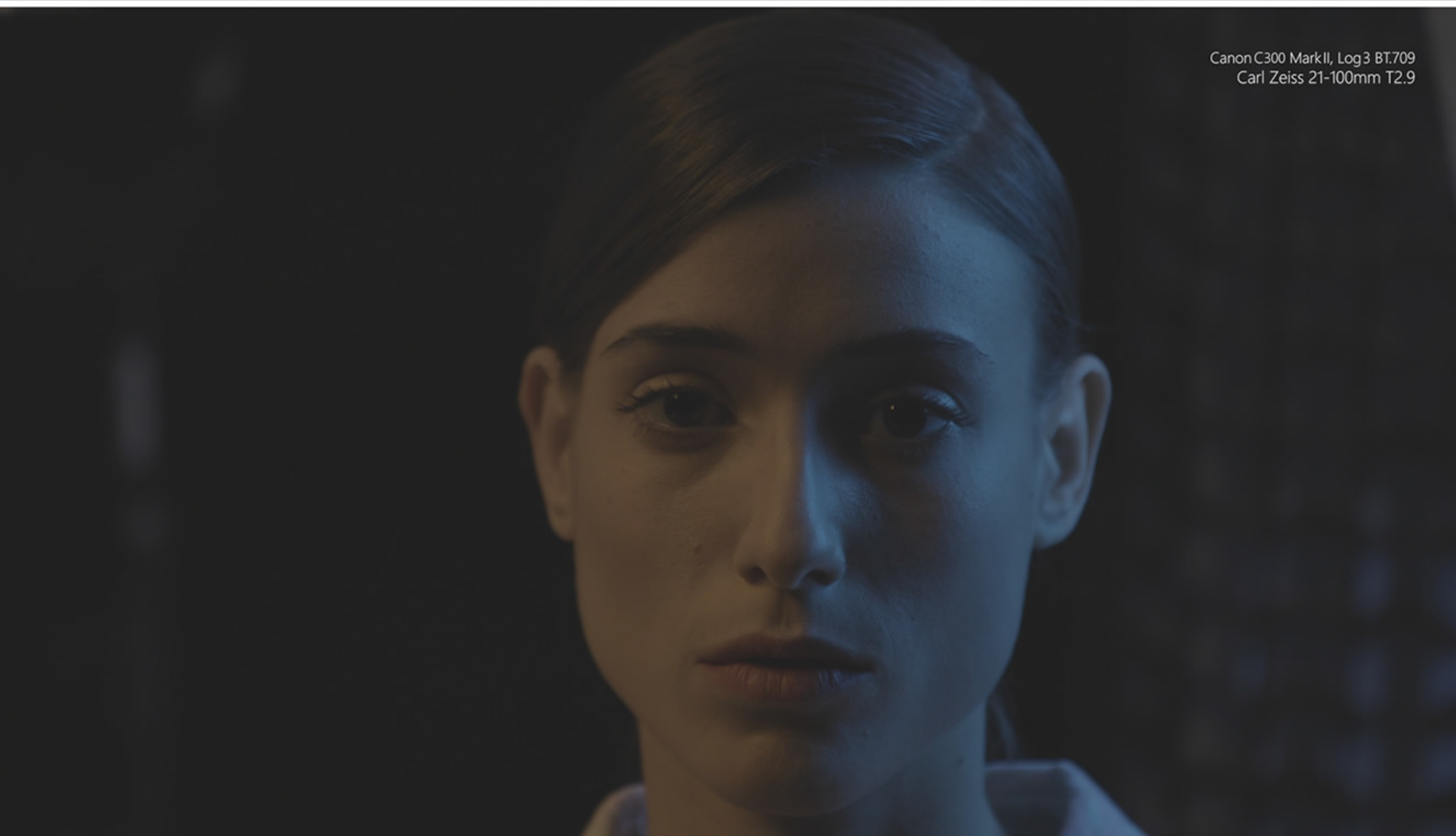
Choose
Round-shaped MZ LED lights instead of LED Panels.

Round-shaped MZ LED lights have an 115-degree light beam for wide angle lighting and uniformity. In that way you can use your light closer to your subject with great efficiency. Optional high quality lenses for spot lighting are available!

MZ LED lights are powerful, small and portable. Half size and half weight than LED panels. You can fit up to five units in a single bag.

In MZ LED lights the Dimmer is separated from the Light body in order the user to be able to control it remotely even when a 3.8m light stand is used.

In Round-shaped MZ LED lights you can adapt Lenses, softboxes, barndoors, umbrellas, various color & diffusion gels.

Canon C300 Mark II, Log 3 BT.709
Carl Zeiss 21-100mm T2.9

Canon C300 Mark II, Log 3 BT.709
Carl Zeiss 21-100mm T2.9

Canon C300 Mark II, Log 3 BT.709
Carl Zeiss 21-100mm T2.9

Canon C300 Mark II, Log 3 BT.709
Carl Zeiss 21-100mm T2.9

MZ LED Lights with various color & disffusion gels. (Special steel blue, lavender & straw tint)

CHOOSE CONTROLLER

1

Dimmer w OLED Screen

- OLED Screen
- Accurate Temperature Control
- Operation Menu
- Boost Function
- 2 Mode Selection
- Operation hours
- Memory Save/Recall
- Effects

2

OLED & DMX Control

- DMX Control
- 3-pin XLR IN/OUT Loop through
- OLED Screen
- Accurate Temperature Control
- Operation Menu
- Boost Function
- 2 Mode Selection
- Operation hours
- Memory Save/Recall
- Effects

3

Standard Dimmer

- Boost Function
- 2 Mode Selection

*Dimmer is separated from the Light body for better cooling and the user to be able to control the MZ LED light remotely even when a 3.8m light stand is used.

STUDIO LIGHTING

With our DMX controller you can control your MZ LED lights remotely up to 150m away with a DMX lighting Console. DMX address of each LED light is set from the DMX menu of the Dimmer. With the DMX lighting Console you can control the temperature and the intensity of your MZ LED lights separately.This is an ideal solution for Studios and theaters.

For cost effective solutions, when you use the Standard Dimmer, you can control your MZ LED lights up to 30m away by using cable extention. No extra equipment is required.

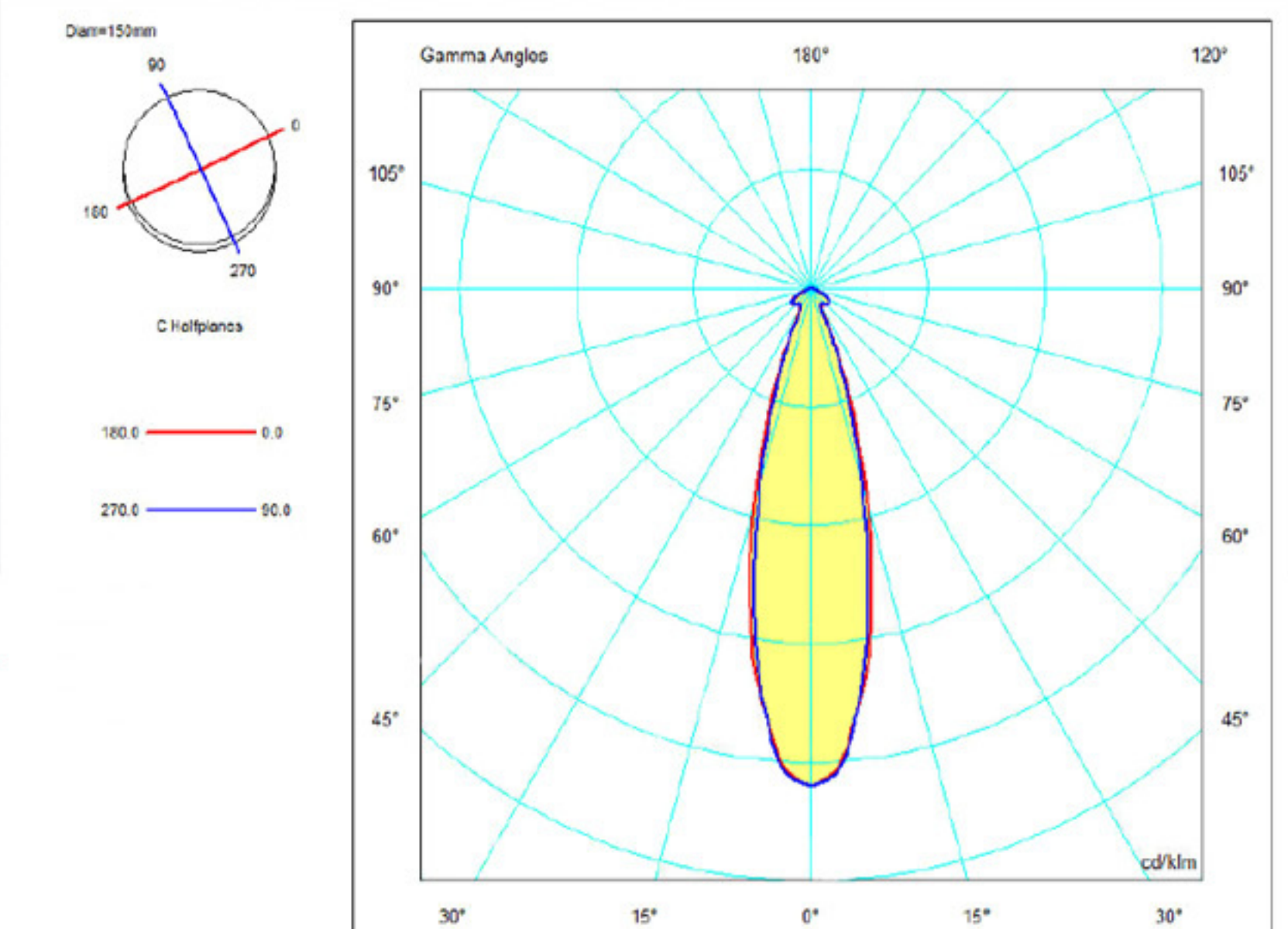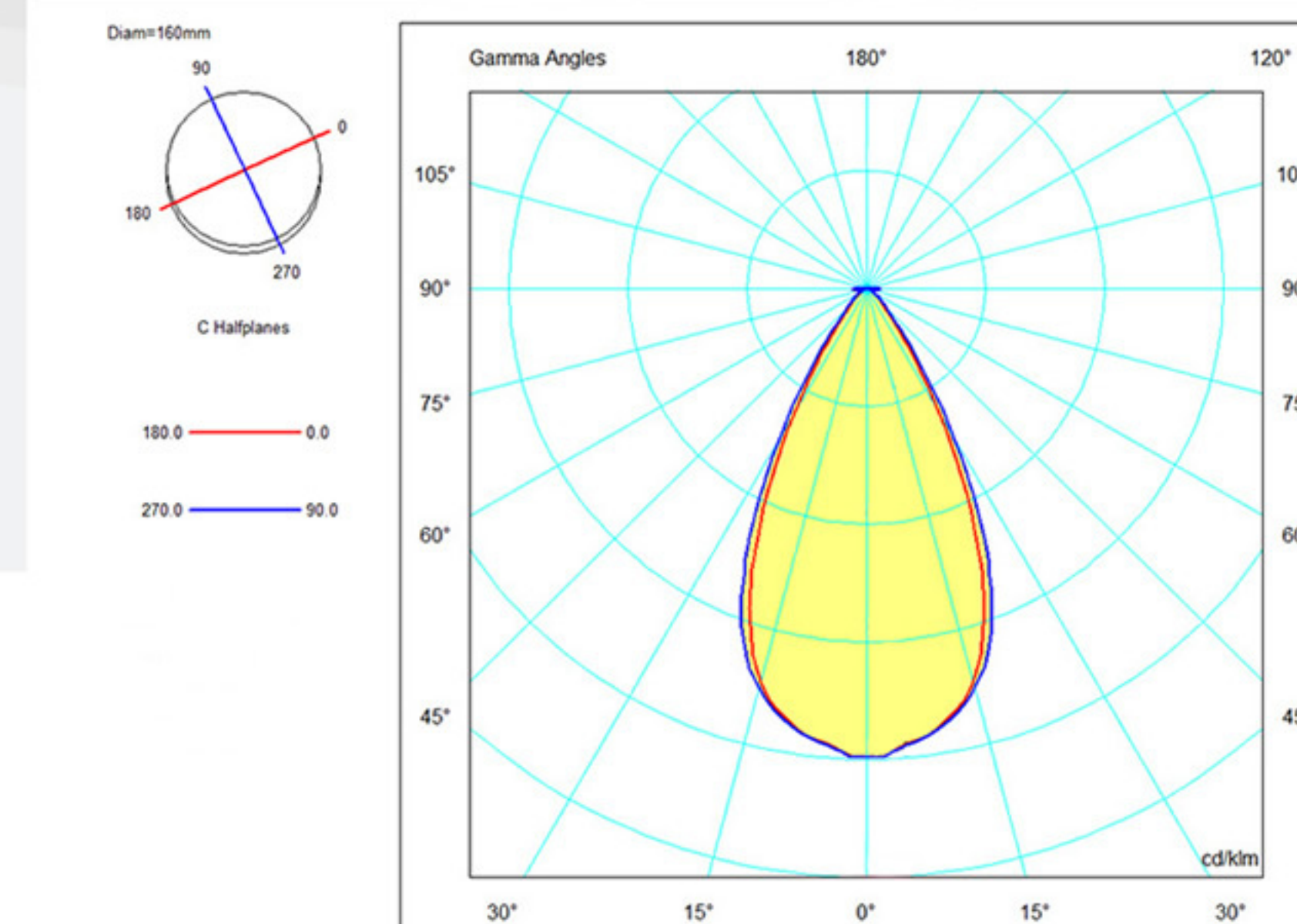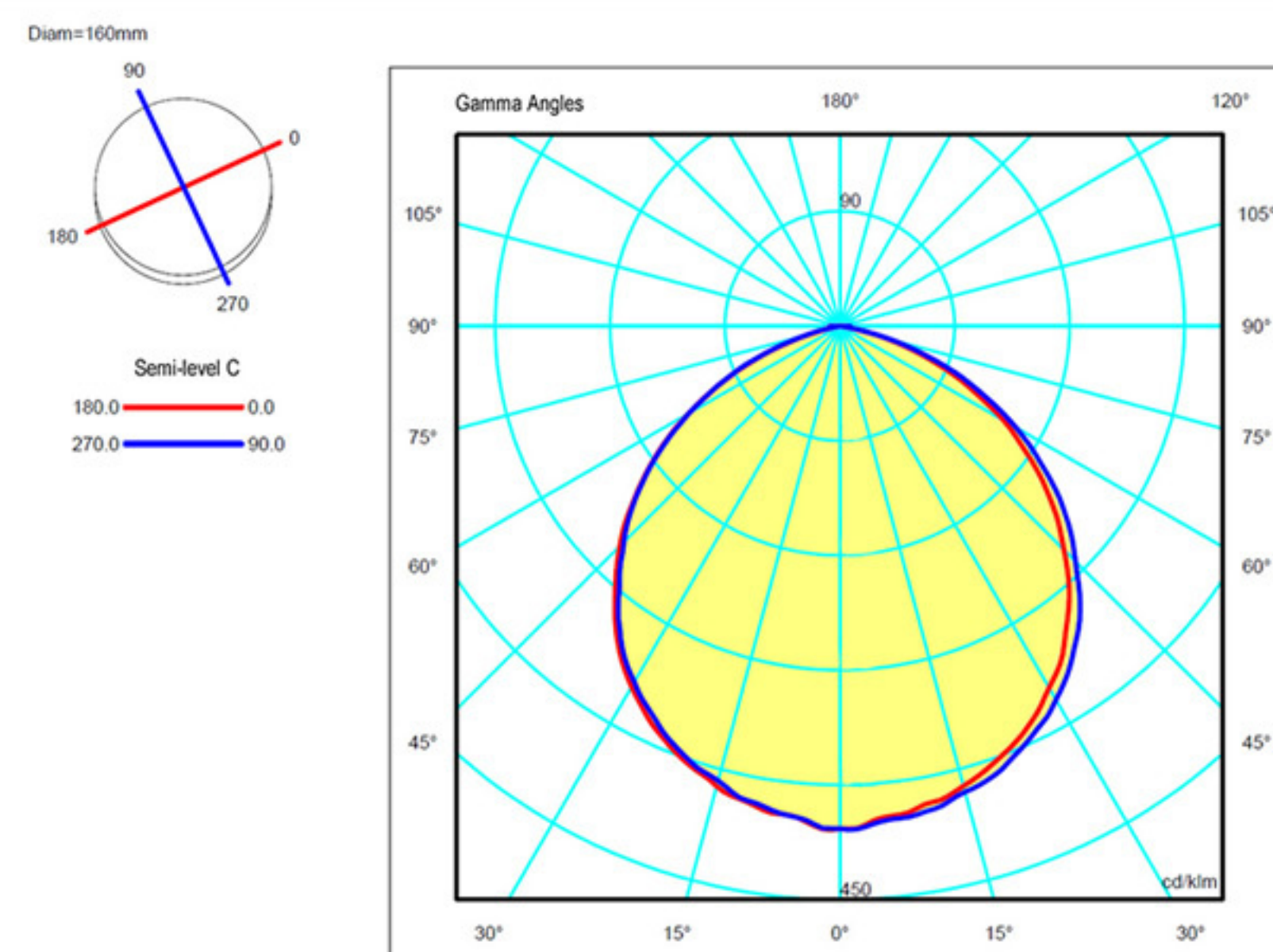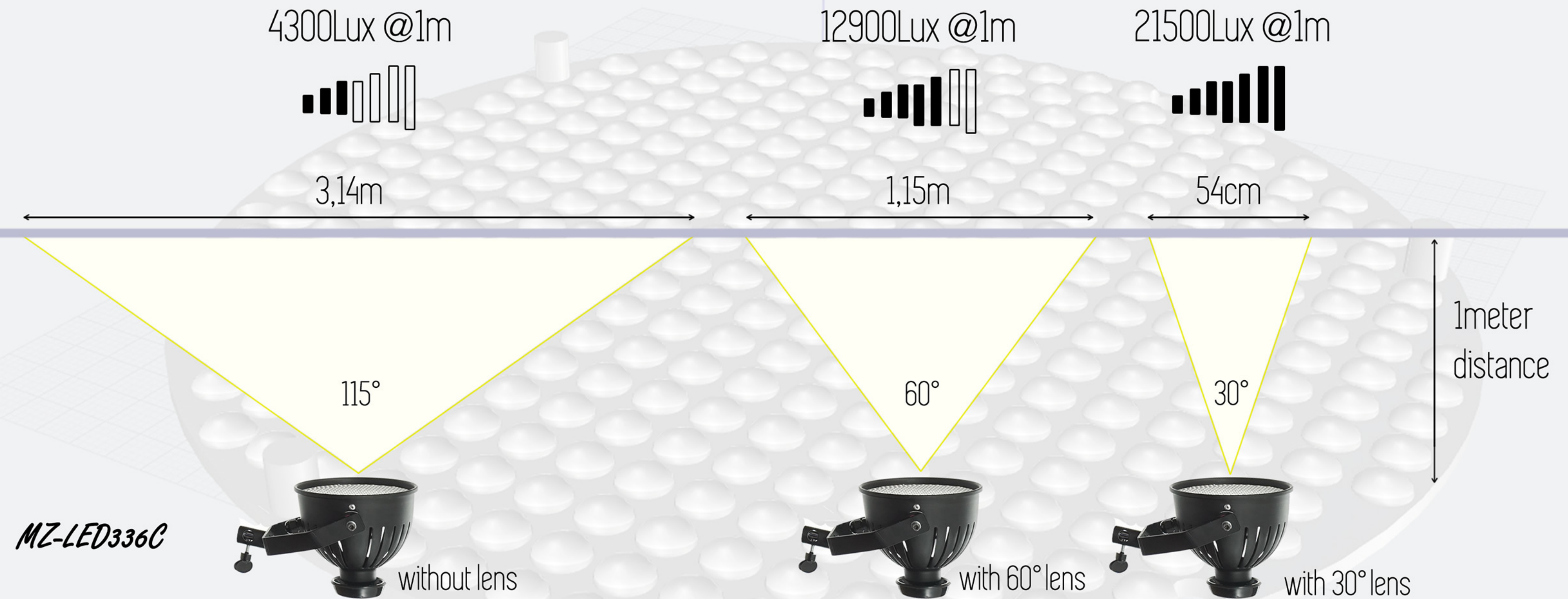*We don't use fans for the cooling, so there are no sound interferences when you use your MZ LED lights.

LENSES

Round shaped MZ LED lights have an 115 degree light beam for wide angle lighting and uniformity. What if you need spot lighting? Now you can choose one of the MZ Lenses to change the light beams according to your needs.

We produce two high-quality optional lenses for our LED lights. 60-degree and 30-degree lenses. These lenses are detachable, so you can use 115, 60 or 30-degree light beams with your MZ LED lights. The 60-degree lens increases the intensity of the light by 3 times in long distances and the 30-degree lens increases the intensity of the light by 5 times.

Light intensity with optional lenses

4300Lux @1m

12900Lux @1m

21500Lux @1m

3,14m

1,15m

54cm

1meter distance

115°

60°

30°

MZ-LED336C

without lens

with 60° lens

with 30° lens

POWER

The great advantage of the MZ LED lights is that you can use different kind of Batteries using the external MZ battery adapters. These adapters can be adapted on Tripods with clamps which gives you extra stability to your light stands. We have Sony NPF, Sony Vlock and Panasonic Glock type battery adapters. These adapters are Single or Dual for extra operating hours. LED panels usually have the Battery adapters integrated on the light body which adds extra weight on the top of the tripod and leads to instability.

The MZ LED Lights are AC or battery operated. MZ-LED336 & MZ-LED176 are equipped with an XLR 4-pin Male connector 7-17V DC input. The MZ-LED884 light is equipped with an XLR 4-pin Male connector 27-35V DC input. The tiny on-camera MZ-LED120-Bolt light is equipped with a Barrel Connector 5-17V DC input.

ACCESSORIES

Softboxes

You can adapt MZ softboxes with or without Grids to your MZ LED lights. Softboxes reduce contrast, conceal skin blemishes, and soften the edges of the shadows. Grids are able to focus the light on their targets and eliminate any spilling light on the background. Dimensions: 40x40cm, 60x60cm, 90x90cm, 23x90cm and 30x120cm.

Barndoors

We have four leaf barndoors for all of our MZ LED lights. These barndoors have Gel Clips in order to put various color & disffusion gels.

Umbrellas

You can use umbrellas with your MZ LED lights. Diffusion umbrella creates a soft and even quality of light for smooth images. Reflective umbrella creates a beautiful bounced-lighting ambience with additional intensity.

LIGHT KITS

- Single MZ light Kits include one LED light with accessories.
- Multiple MZ light Kits include Lights of the same model with tripods, bags and other accessories.
- Mixed MZ light Kits include Lights of different models with tripods, bags and other accessories.
- Kit2 includes two lights, Kit3 three lights, Kit4 four lights, Kit6 six lights and Kit8 eight lights.

- Basic Kit includes Diffuser and Supplier.
- Essential Kit includes Softbox, Supplier, Clamp kit, DTAP cable and Pouch.
- Power Kit includes Battery adapter, Supplier, Diffuser, Barndoors, Clamp kit and Pouch.
- Deluxe Kit includes 30° & 60° lenses, Supplier, Diffuser, Barndoors, Clamp kit, DTAP cable and Pouches.
- Full Kit includes Supplier, Diffuser, Barndoors, Clamp kit, DTAP cable and pouch.

SUPPORT

MZ LED lights have a 2-year standard warranty from the date of purchase.

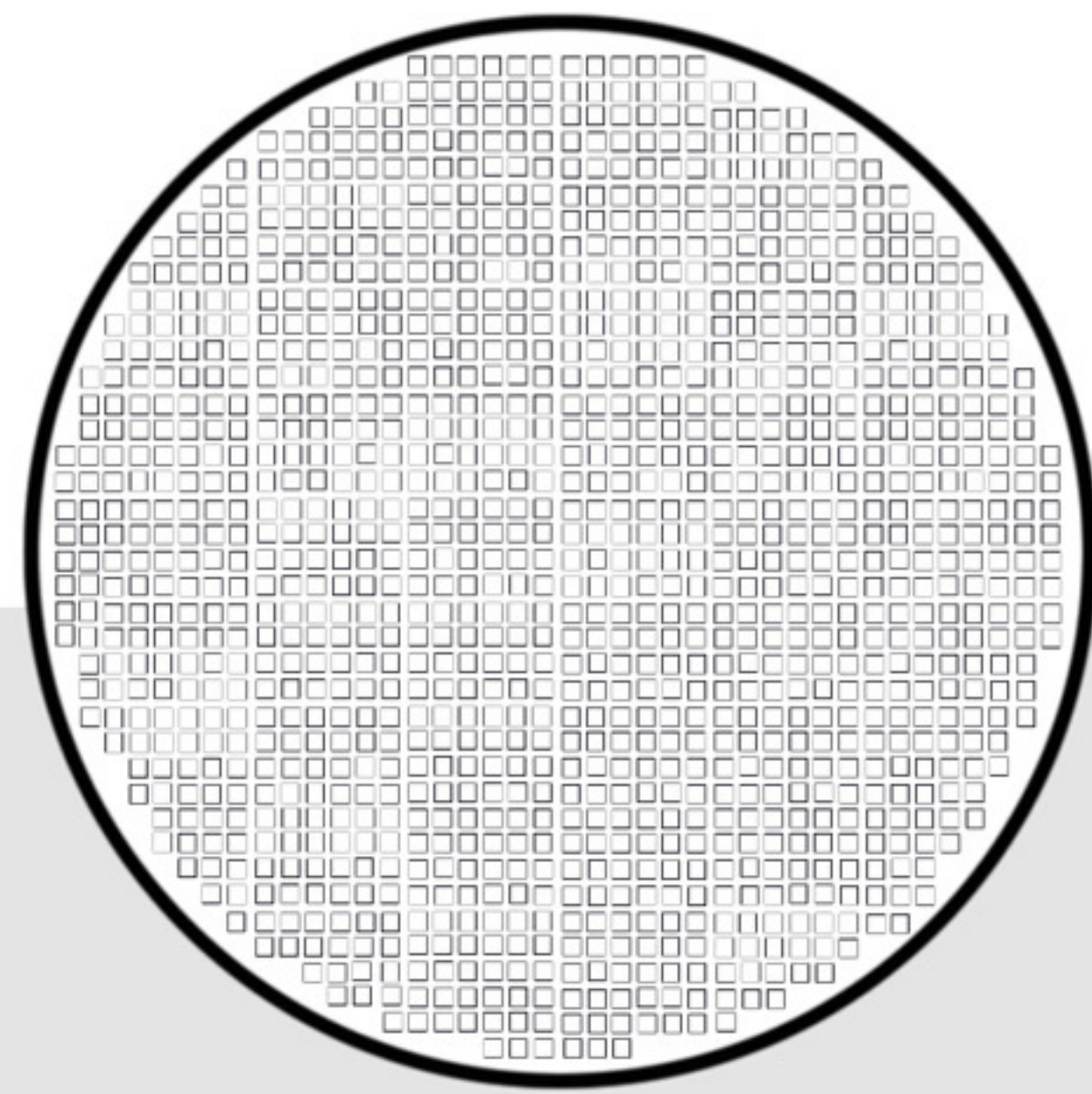Our technicians can fix your LED light immediately without any delay.

Immediate replacement of each LED, piece by piece with special tools.

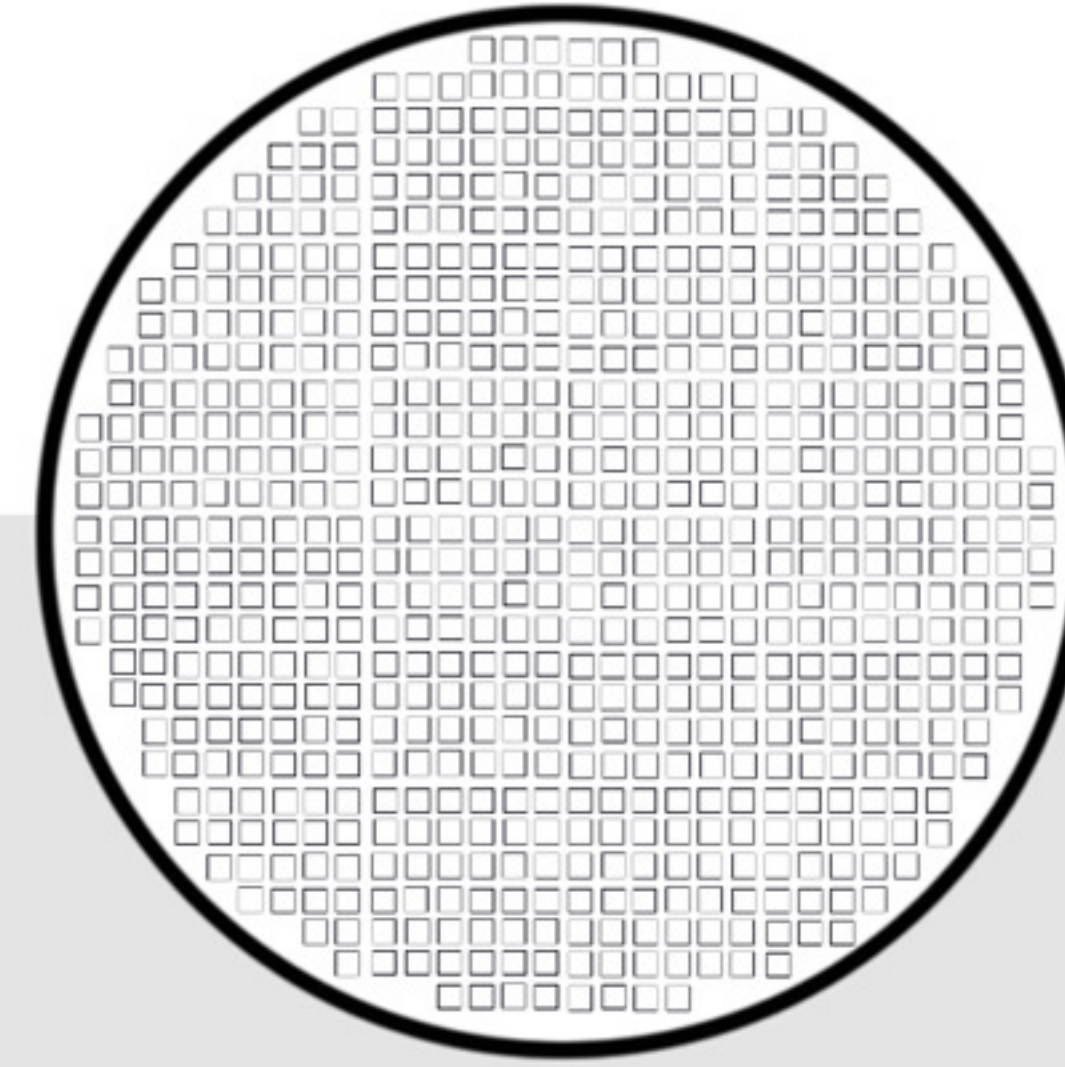We keep stock of all spare parts, boards and LEDs for immediate repair.

We keep log files and records for your lights for more efficient repairings.

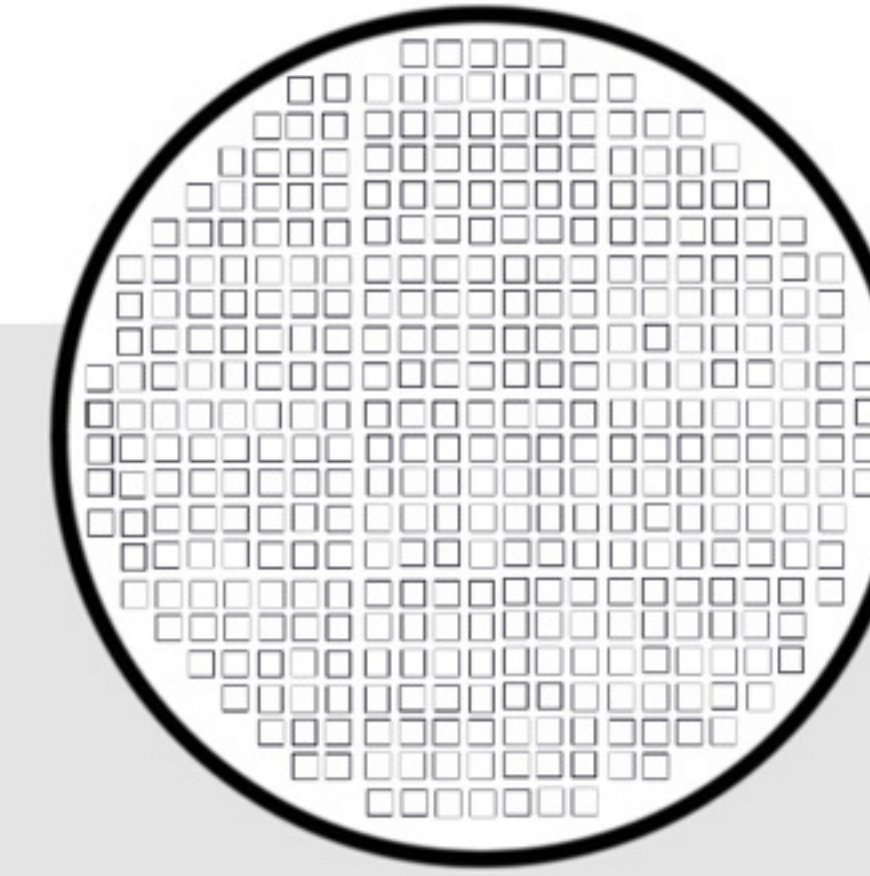We can show you Lighting techniques and how to use your MZ LED lights.

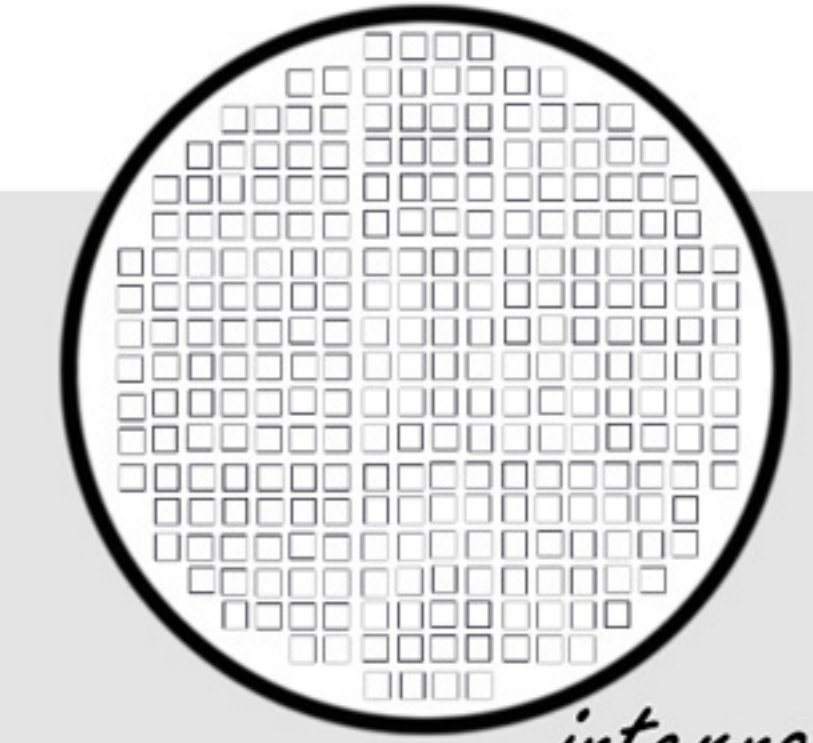|	LED884	LED336	LED176	LED120/LED120-Bolt *internal battery*
No of LEDs	884 SMD LEDs	336 SMD LEDs	176 SMD LEDs	120 SMD LEDs
Temperature options	Bicolor/Cool/Warm	Bicolor/Cool/Warm	Bicolor/Cool/Warm	Bicolor/Cool/Warm
Light Beam	115°	115°	115°	115°
Optional Lens	Yes, 60° & 30°	Yes, 60° & 30°	Yes, 60° & 30°	Yes, 60° & 30°
Standard CRI	97	97	97	97
Extended CRI	95	95	95	95
More Powerful than:	>LED2000 Panels	>LED1000 Panels	>LED500 Panels	>LED300 Panels
Optional DMX	Yes	Yes	Yes	No
Boost/Mode Functions	Yes	Yes	Yes	No
Reverse polarity Protection	Yes	Yes	Yes	Yes
Mount	Yoke mount 16mm	Yoke mount 16mm	Yoke mount 16mm	1/4" thread
Material	Aluminum	Aluminum	Aluminum	Aluminum
Input	XLR 4pin Male 27-35V DC	XLR 4pin Male 7-17V DC	XLR 4pin Male 7-17V DC	Barrel 5-17V DC
Battery options	Dual V-Lock or Dual G-Lock	NPF, BPU, BPA65, V-Lock, G-Lock	NPF, BPU, BPA65, V-Lock, G-Lock	NPF, BPU, SSL, VBD, BPA65, V/G-Lock Bolt has internal Lion battery
Consumption (Boost OFF/ON)	130Watt/165Watt	66Watt/82Watt	35Watt/54Watt	30Watt/20Watt

MZ-LED884 *Powerful · Portable · Durable*
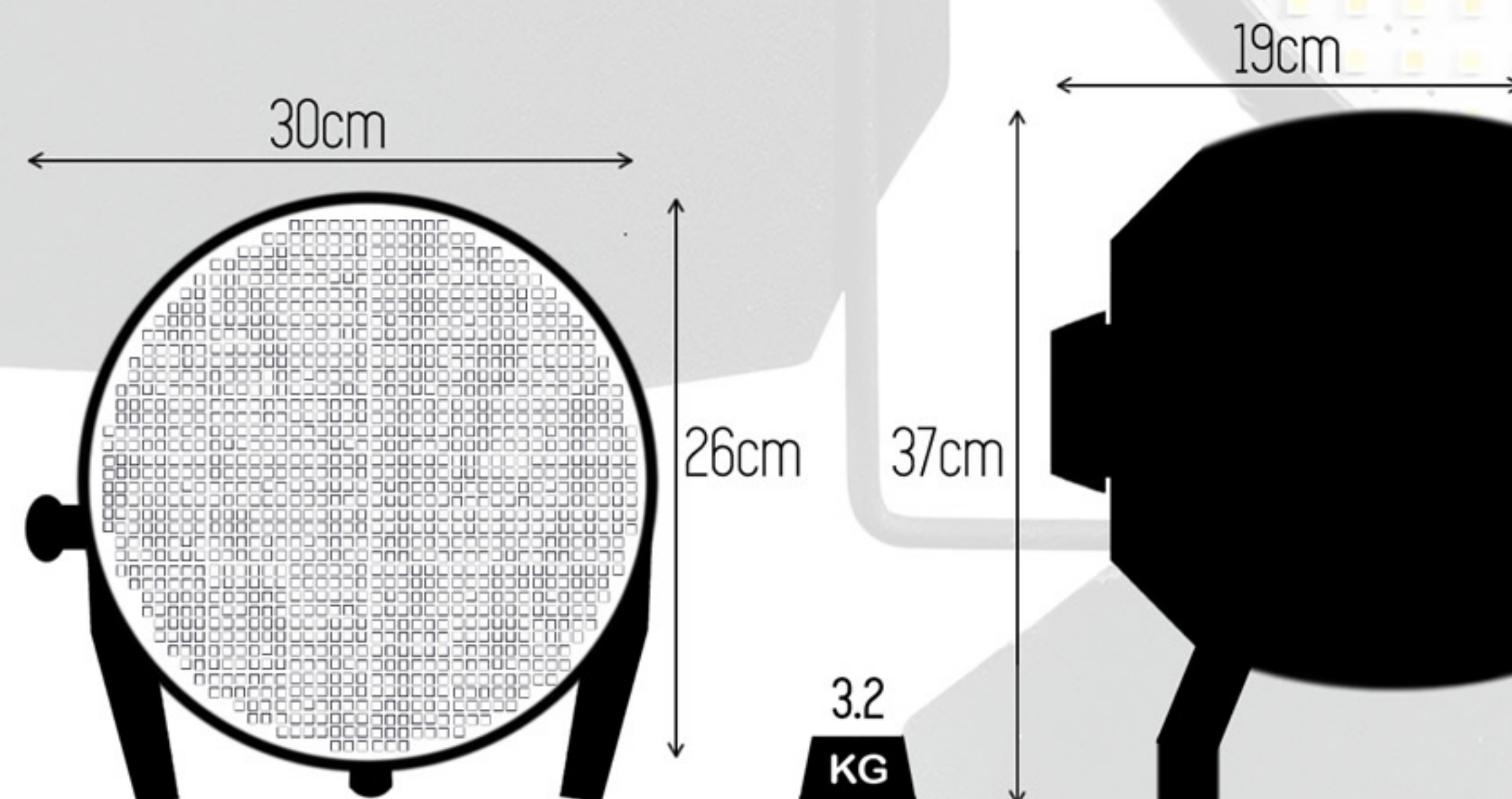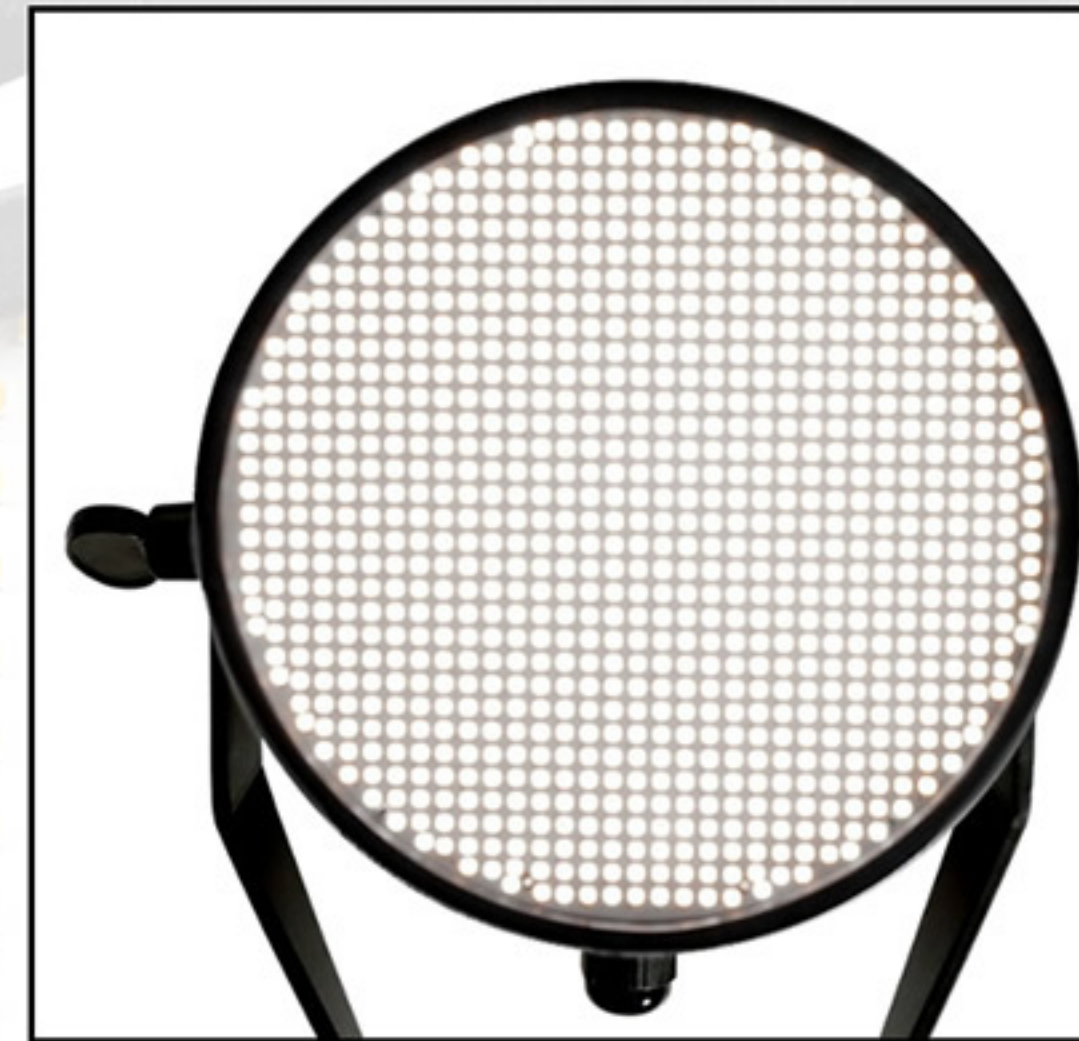
MZ-LED884-OLED
Dimmer with
OLED Screen

MZ-LED884-DMX
Dimmer with
DMX & OLED

MZ-LED884
Standard
Dimmer

Temperature options
MZ-LED884B: Bicolor 3100-5600K
MZ-LED884C: Cool 5600K
MZ-LED884W: Warm 3100K

Single Kit options
MZ-LED884-Bulk includes: LED light and Dimmer.

MZ-LED884-Basic-Kit includes: LED light, Dimmer, Power supplier & Diffuser.

MZ-LED884-Essential-Kit includes: LED light, Dimmer, Softbox, Supplier, Clamp-Kit, DTAP cable & Pouch.

MZ-LED884-Power-Kit includes: LED light, Dimmer, Battery adapter, Supplier, Diffuser, Barndoors, Clamp-Kit & Pouch.

MZ-LED884-Deluxe-Kit includes: LED light, Dimmer, 30° & 60° Lenses, Supplier, Diffuser, Barndoors, Clamp-Kit, DTAP cable & Pouches.

MZ-LED884-Full-Kit includes: LED light, Dimmer, Power Supplier, Diffuser, Barndoors, Clamp-Kit, Dtap Cable & Pouch.
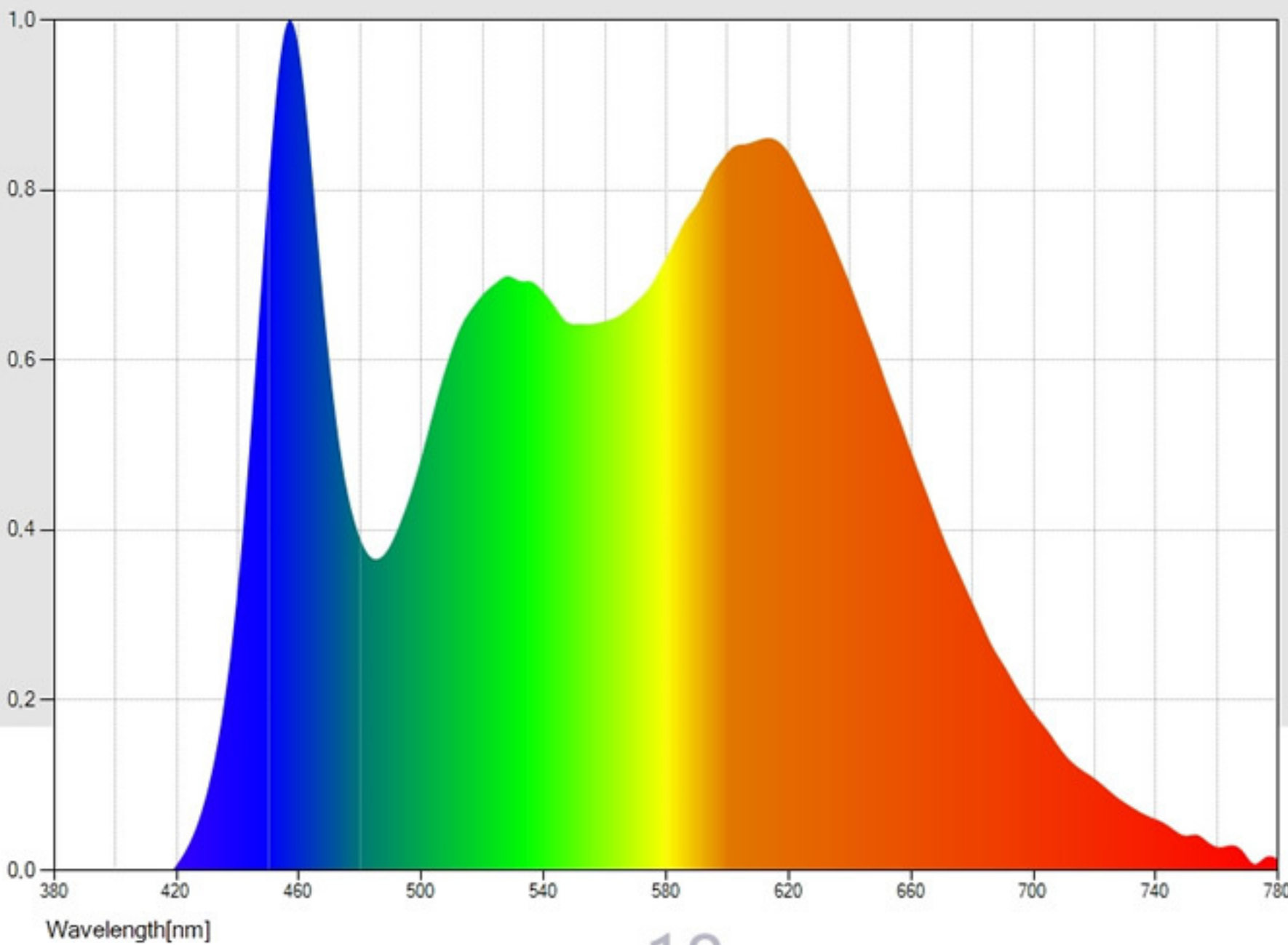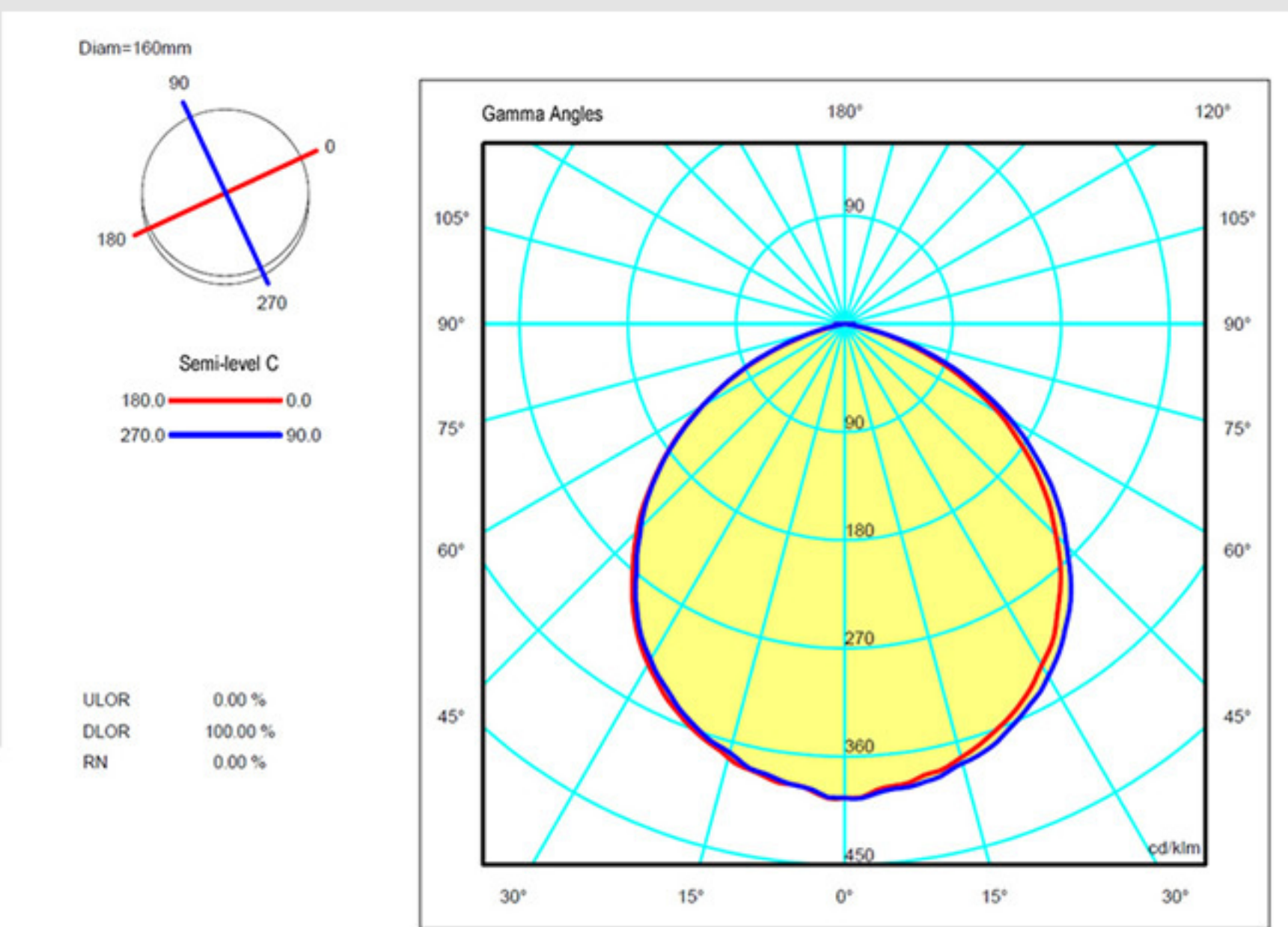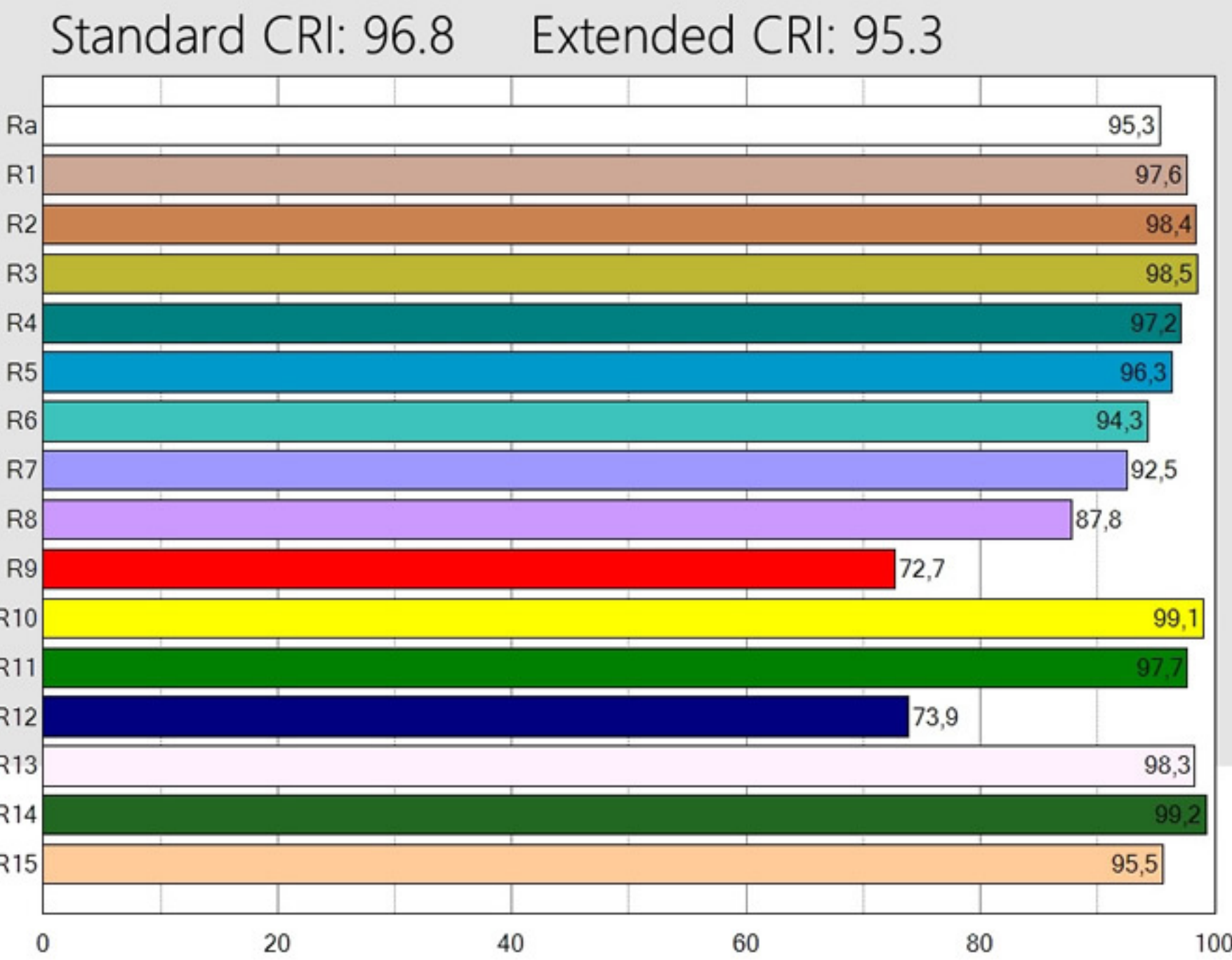
30cm

26cm

19cm

37cm

3.2 KG

MZ-LED884

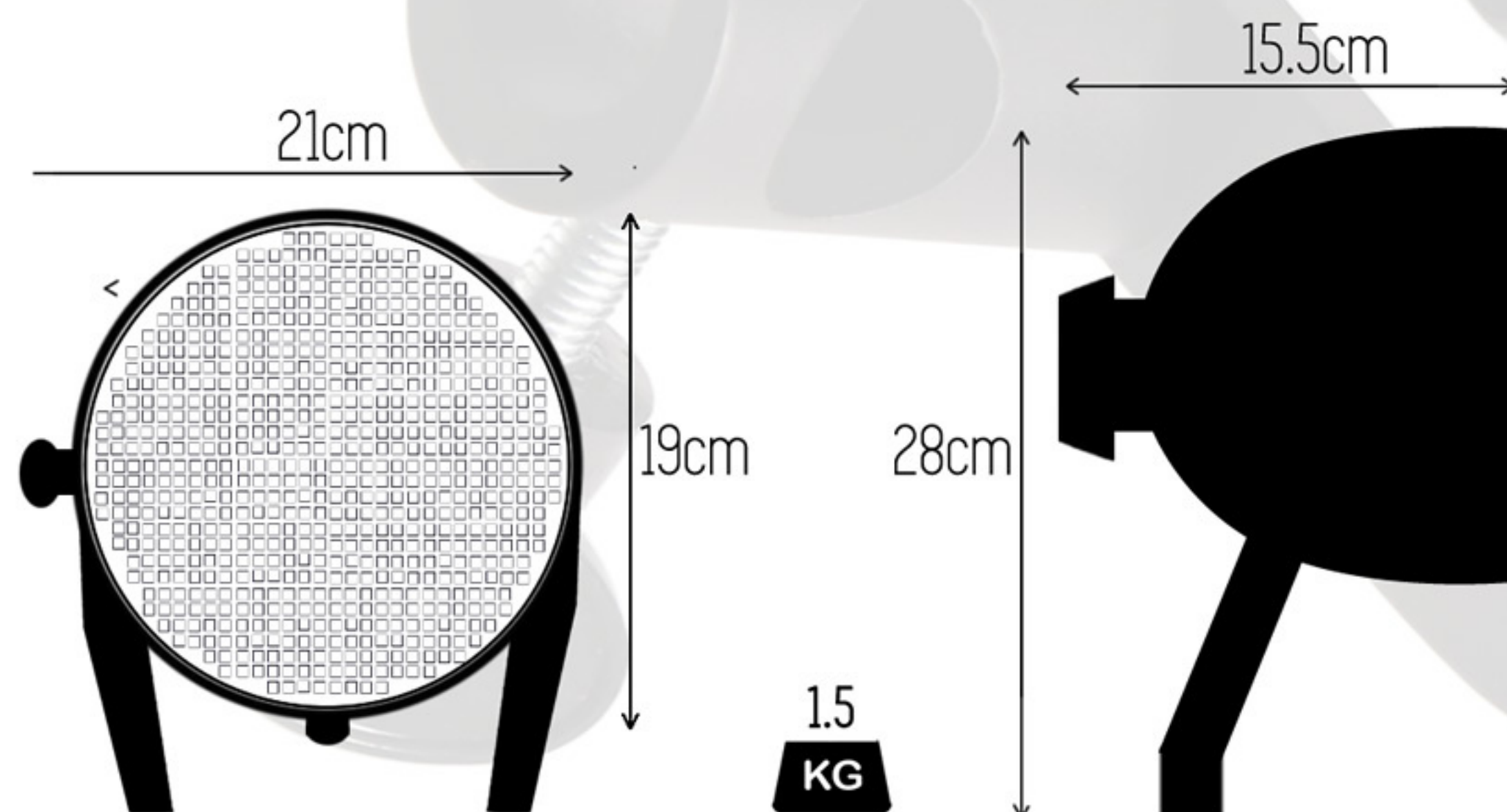| Luminus Intensity	Lux @0.6m	Lux @1m	Lux @2m	Lux @3m	Lux @6m	Lum (Flux)	Measurement temperature	More powerful than
MZ-LED884C	25.000	9000	2250	1.000	250	26.200	5600K	LED2000 Panels
MZ-LED884C with 60° lens	75.000	27.000	6750	3000	750	26.200	5600K	LED2500 Panels
MZ-LED884C with 30° lens	125.000	45.000	11.250	5000	1250	26.200	5600K	LED3000 Panels
MZ-LED884B	23.500	8500	2125	950	236	24.700	4350K	LED2000 Panels
MZ-LED884B with 60° lens	70.500	25.500	6375	2850	708	24.700	4350K	LED2500 Panels
MZ-LED884B with 30° lens	117.500	42.500	10.625	4750	1180	24.700	4350K	LED3000 Panels
MZ-LED884W	22.000	8000	2000	900	225	23.200	3100K	LED2000 Panels
MZ-LED884W with 60° lens	66.000	24.000	6000	2700	675	23.200	3100K	LED2500 Panels
MZ-LED884W with 30° lens	110.000	40.000	10.000	4500	1125	23.200	3100K	LED3000 Panels

Power	Power Consumption	Operation hours with two MZ-V95 batteries	Operation hours with two MZ-V150 batteries	Operation hours with two MZ-V190 batteries
Boost OFF	130Watt	88min	139min	176min
Boost ON	165Watt	69min	109min	138min

Connector: 4pin XLR Male Connector 27-35V DC input   Batteries supported: Two V-Lock or Two G-Lock batteries with the MZ Dual battery adapters

Standard CRI: 96.8   Extended CRI: 95.3

Ra	95,3
R1	97,6
R2	98,4
R3	98,5
R4	97,2
R5	96,3
R6	94,3
R7	92,5
R8	87,8
R9	72,7
R10	99,1
R11	97,7
R12	73,9
R13	98,3
R14	99,2
R15	95,5

18

MZ-LED336 *Powerful · Portable · Durable*
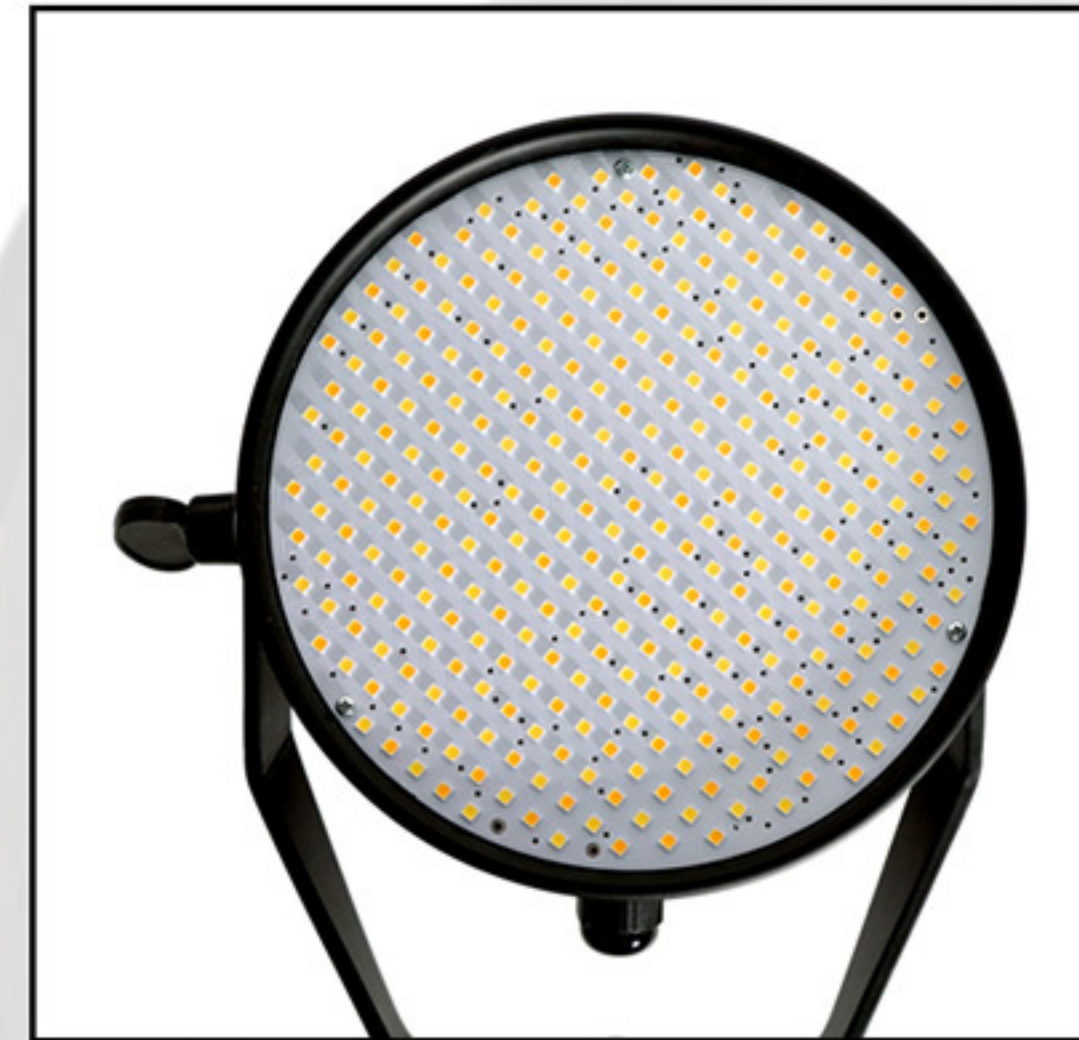
MZ-LED336-OLED
Dimmer with
OLED Screen

MZ-LED336-DMX
Dimmer with
DMX & OLED

MZ-LED336
Standard
Dimmer

Temperature options
MZ-LED336B: Bicolor 3100-5600K
MZ-LED336C: Cool 5600K
MZ-LED336W: Warm 3100K

Single Kit options
MZ-LED336-Bulk includes: LED light and Dimmer.

MZ-LED336-Basic-Kit includes: LED light, Dimmer, Power supplier & Diffuser.

MZ-LED336-Essential-Kit includes: LED light, Dimmer, Softbox, Supplier, Clamp-Kit, DTAP cable & Pouch.

MZ-LED336-Power-Kit includes: LED light, Dimmer, Battery adapter, Supplier, Diffuser, Barndoors, Clamp-Kit & Pouch.

MZ-LED336-Deluxe-Kit includes: LED light, Dimmer, 30° & 60° Lenses, Supplier, Diffuser, Barndoors, Clamp-Kit, DTAP cable & Pouches.

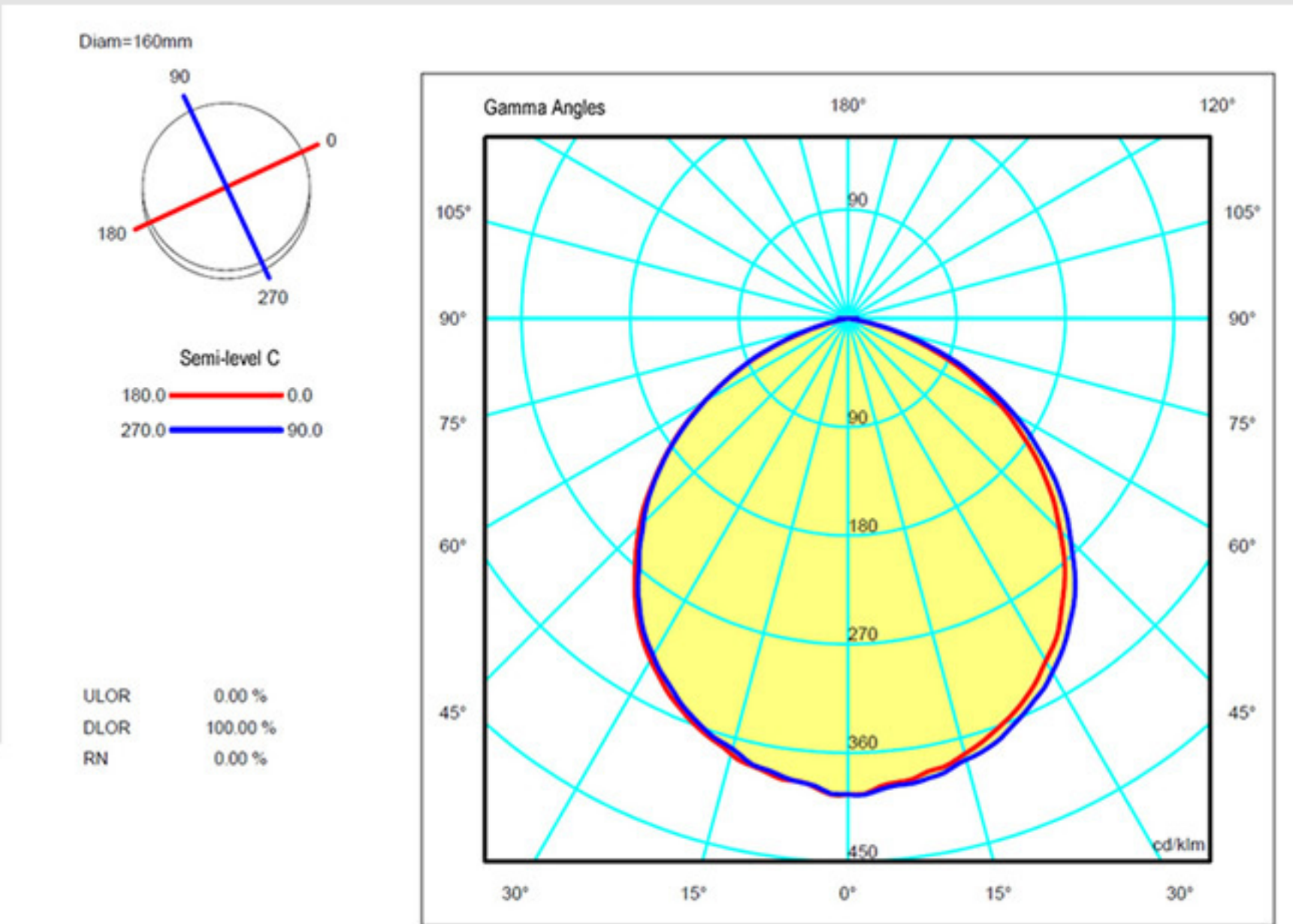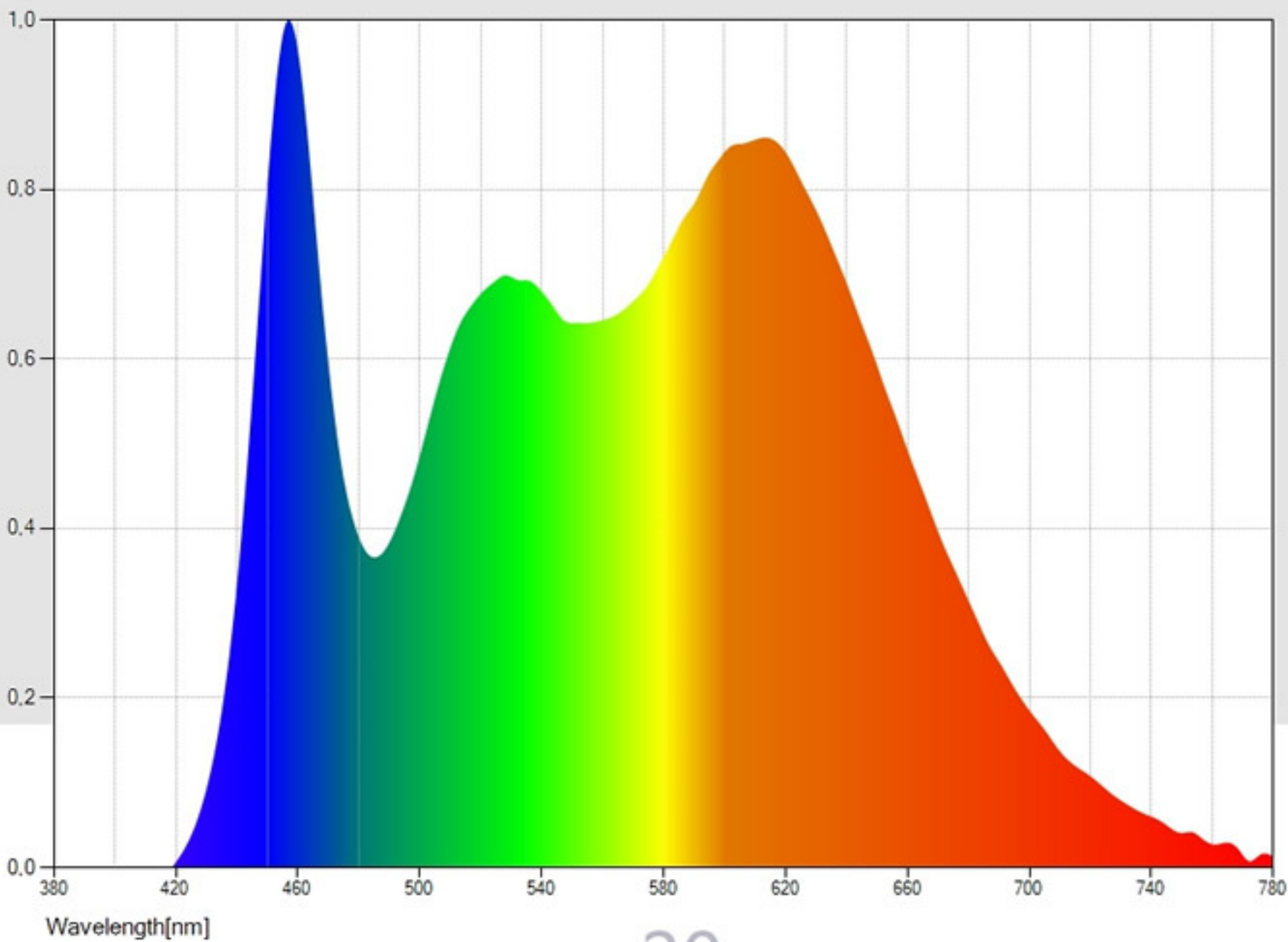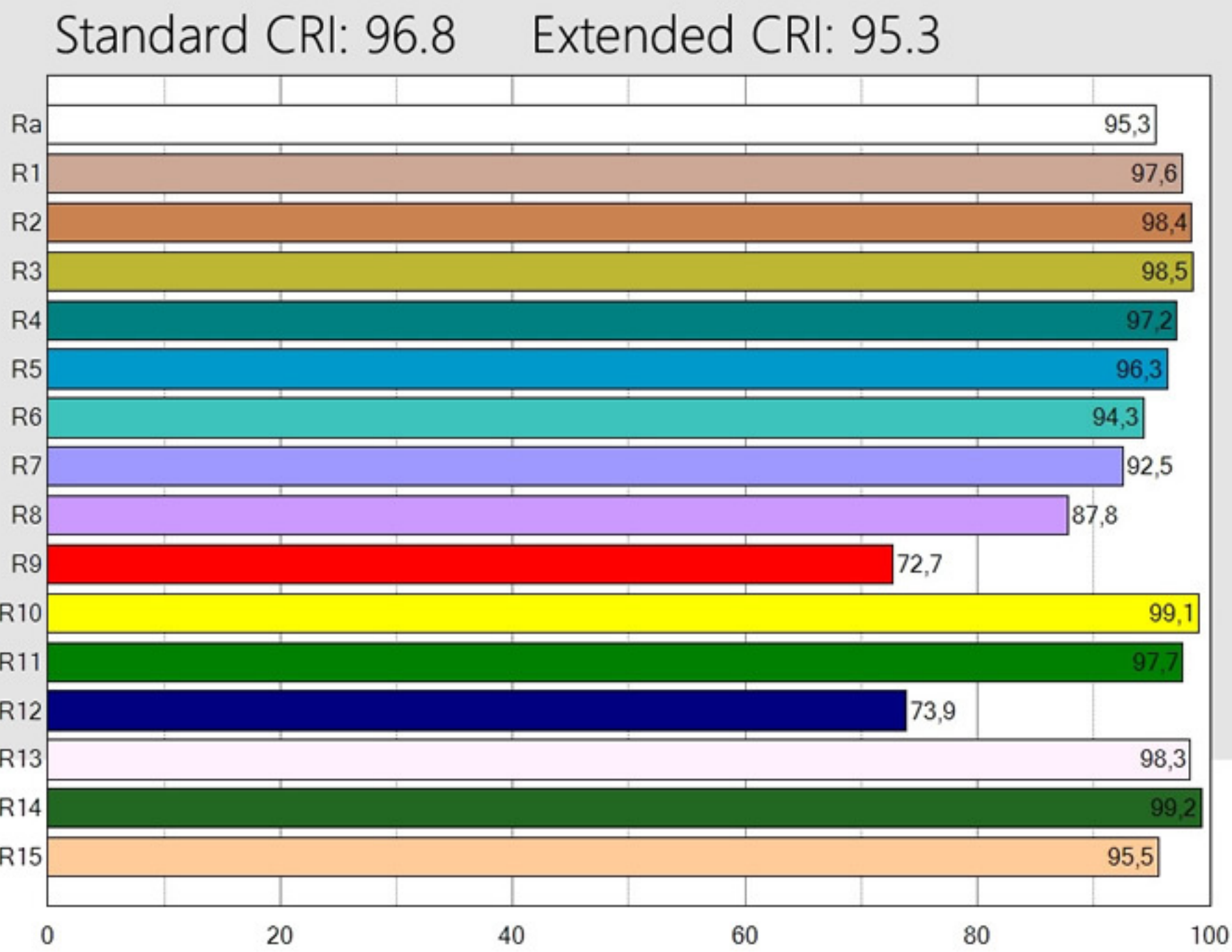**MZ-LED336-Full-Kit** includes: LED light, Dimmer, Power Supplier, Diffuser, Barndoors, Clamp-Kit, Dtap Cable & Pouch.

21cm

19cm

15.5cm

28cm

1.5 KG

MZ-LED336

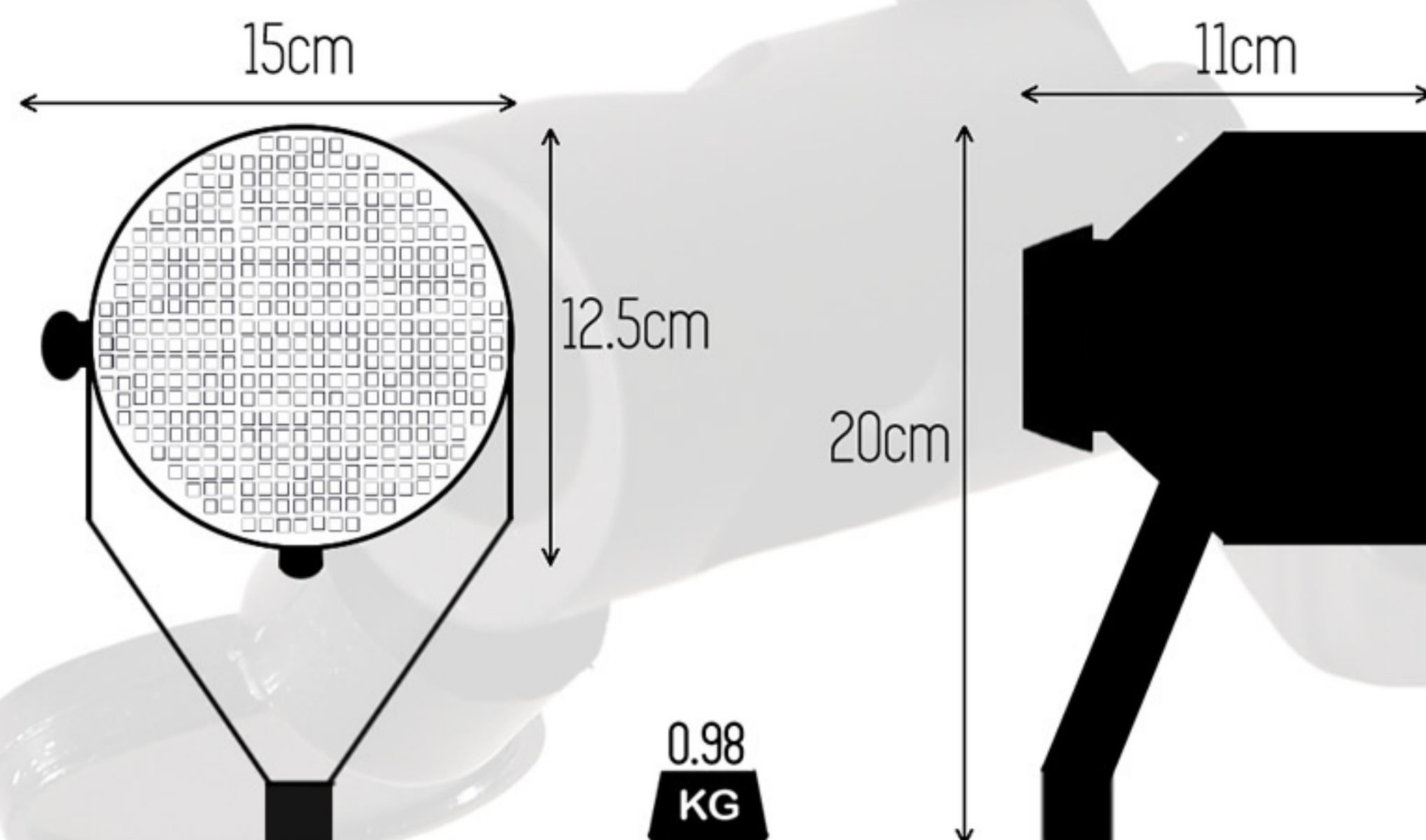| Luminus Intensity	Lux @0.6m	Lux @1m	Lux @2m	Lux @3m	Lux @6m	Lum (Flux)	Measurement temperature	More powerful than
MZ-LED336C	12.000	4300	1075	500	120	12.500	5600K	LED1000 Panels
MZ-LED336C with 60° lens	36.000	12.900	3225	1500	360	12.500	5600K	LED1200 Panels
MZ-LED336C with 30° lens	60.000	21.500	5375	2500	600	12.500	5600K	LED1500 Panels
MZ-LED336B	11.000	4000	1000	450	110	11.600	4350K	LED1000 Panels
MZ-LED336B with 60° lens	33.000	12000	3000	1350	330	11.600	4350K	LED1200 Panels
MZ-LED336B with 30° lens	55.000	20000	5000	2250	550	11.600	4350K	LED1500 Panels
MZ-LED336W	10.500	3800	950	400	98	11.000	3100K	LED1000 Panels
MZ-LED336W with 60° lens	31.500	11.400	2850	1200	294	11.000	3100K	LED1200 Panels
MZ-LED336W with 30° lens	52.500	19.000	4750	2000	490	11.000	3100K	LED1500 Panels

Power	Power Consumption	Operation hours with MZ-V95 battery	Operation hours with MZ-V150 battery	Operation hours with MZ-V190 battery	Operation hours with two MZ-NPF990 batteries
Boost OFF	66Watt	87min	137min	173min	180min
Boost ON	82Watt	70min	110min	140min	145min

Connector: 4pin XLR Male Connector 7-17V DC input.   **Batteries supported:** V-Lock, G-Lock & NPF batteries with the MZ battery adapters. BPU or BPA60 batteries with DTAP cable.

Standard CRI: 96.8   Extended CRI: 95.3

Ra	95,3
R1	97,6
R2	98,4
R3	98,5
R4	97,2
R5	96,3
R6	94,3
R7	92,5
R8	87,8
R9	72,7
R10	99,1
R11	97,7
R12	73,9
R13	98,3
R14	99,2
R15	95,5

MZ-LED176 *Powerful · Portable · Durable*

MZ-LED176-OLED
Dimmer with
OLED Screen

MZ-LED176-DMX
Dimmer with
DMX & OLED

MZ-LED176
Standard
Dimmer

Temperature options
MZ-LED176B: Bicolor 3100-5600K
MZ-LED176C: Cool 5600K
MZ-LED176W: Warm 3100K

Single Kit options
MZ-LED176-Bulk includes: LED light and Dimmer.

MZ-LED176-Basic-Kit includes: LED light, Dimmer, Power supplier & Diffuser.

MZ-LED176-Essential-Kit includes: LED light, Dimmer, Softbox, Supplier, Clamp-Kit, DTAP cable & Pouch.

MZ-LED176-Power-Kit includes: LED light, Dimmer, Battery adapter, Supplier, Diffuser, Barndoors, Clamp-Kit & Pouch.

MZ-LED176-Deluxe-Kit includes: LED light, Dimmer, 30° & 60° Lenses, Supplier, Diffuser, Barndoors, Clamp-Kit, DTAP cable & Pouches.

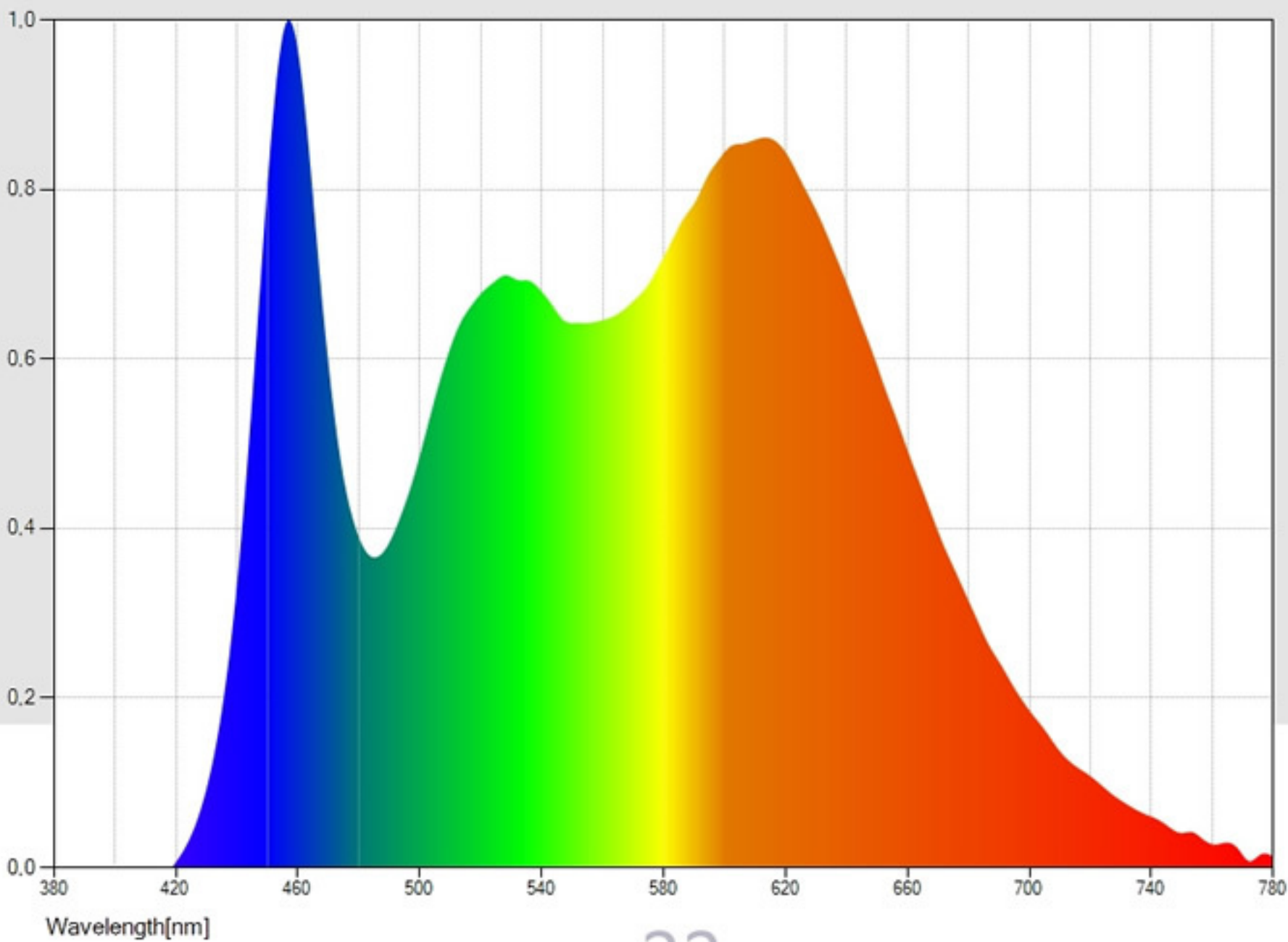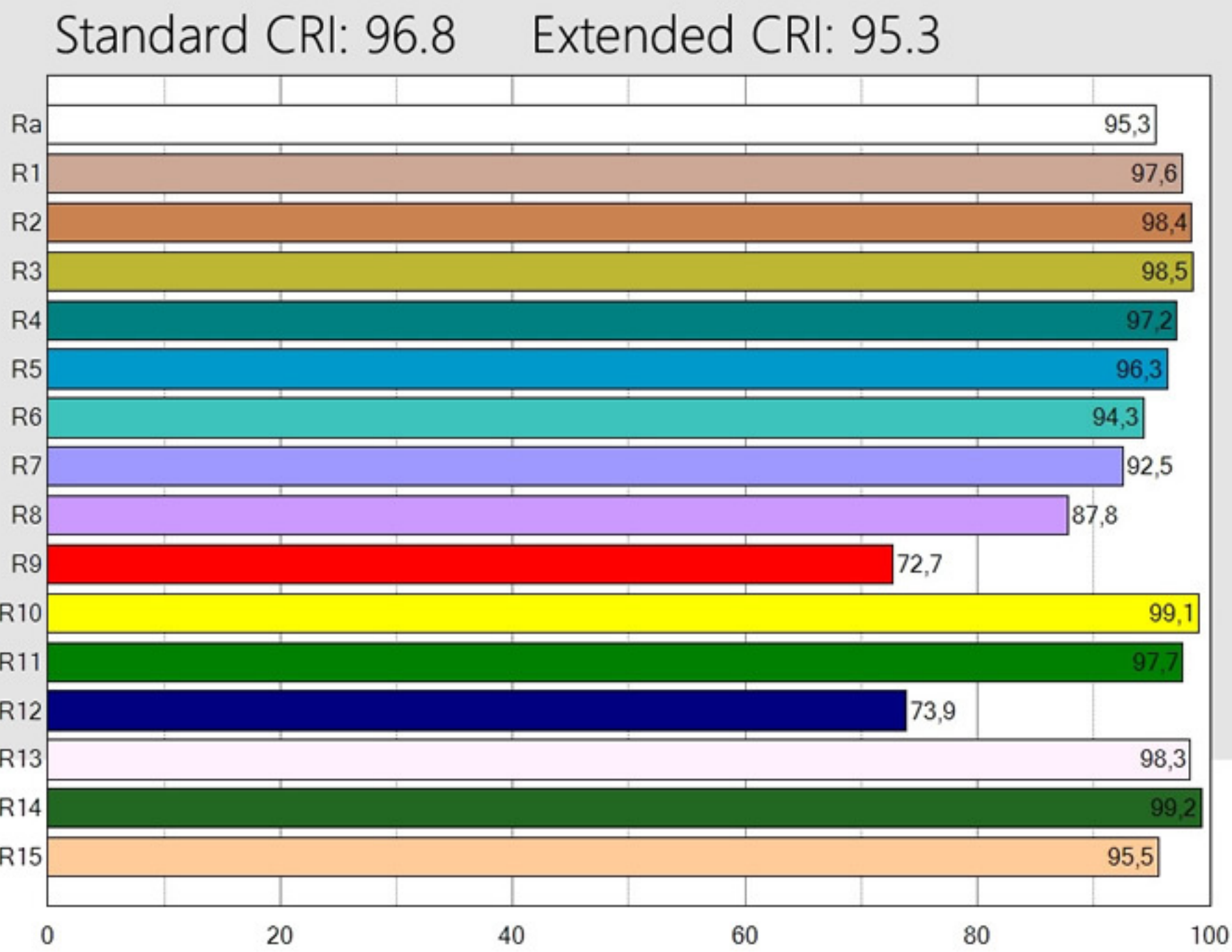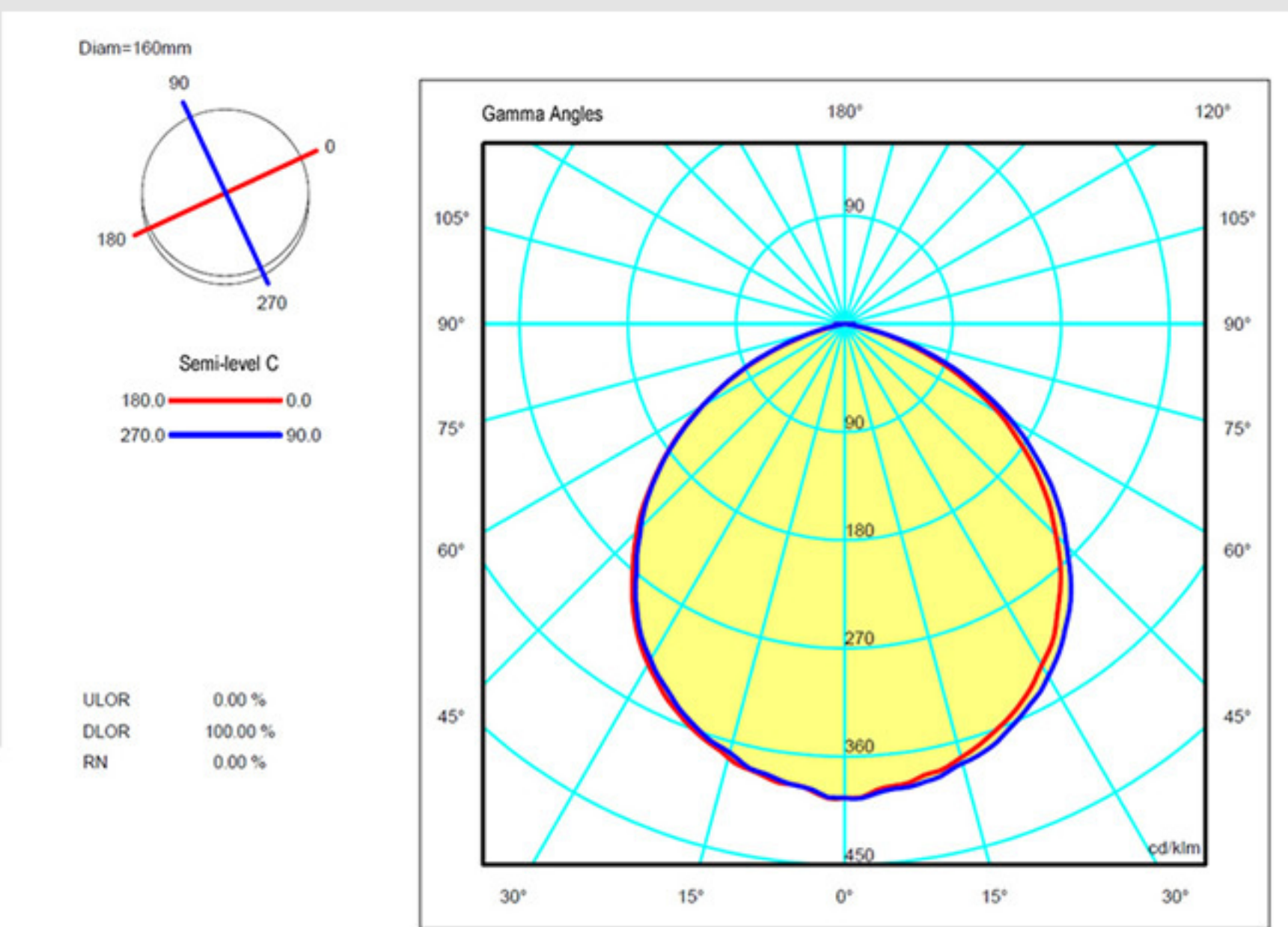**MZ-LED176-Full-Kit** includes: LED light, Dimmer, Power Supplier, Diffuser, Barndoors, Clamp-Kit, Dtap Cable & Pouch.

15cm

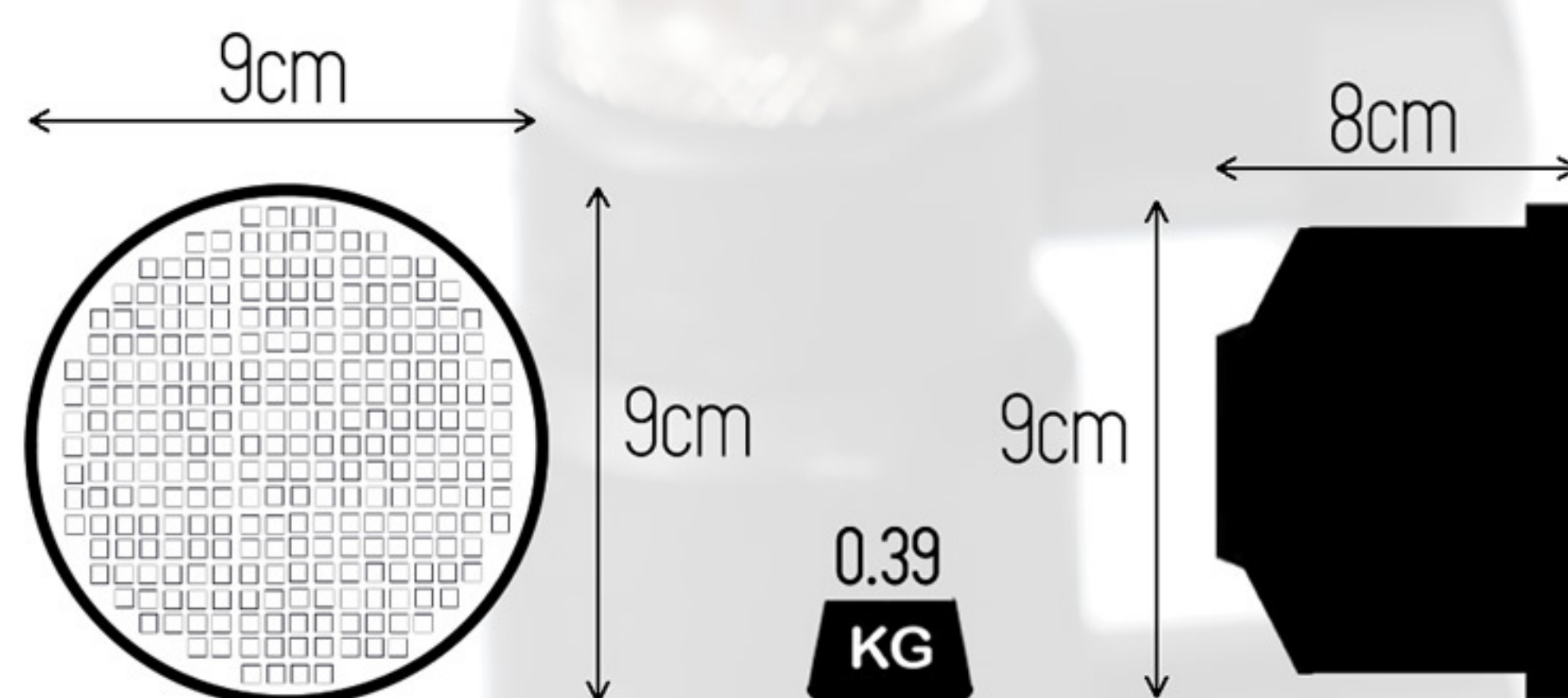12.5cm

11cm

20cm

0.98 KG

MZ-LED176

Luminus Intensity	Lux @0.6m	Lux @1m	Lux @2m	Lux @3m	Lux @6m	Lum (Flux)	Measurement temperature	More powerful than
MZ-LED176C	7500	2700	675	300	75	7.900	5600K	LED500 Panels
MZ-LED176C with 60° lens	22.500	8100	2025	900	225	7.900	5600K	LED600 Panels
MZ-LED176C with 30° lens	37.500	13.500	3375	1500	375	7.900	5600K	LED800 Panels
MZ-LED176B	7000	2500	625	280	69	7.300	4350K	LED500 Panels
MZ-LED176B with 60° lens	21.000	7500	1875	840	207	7.300	4350K	LED600 Panels
MZ-LED176B with 30° lens	35.000	12.500	3125	1400	345	7.300	4350K	LED800 Panels
MZ-LED176W	6500	2300	575	250	64	6.700	3100K	LED500 Panels
MZ-LED176W with 60° lens	19.500	6900	1725	750	192	6.700	3100K	LED600 Panels
MZ-LED176W with 30° lens	32.500	11.500	2875	1250	320	6.700	3100K	LED800 Panels

Power	Power Consumption	Operation hours with MZ-V95 battery	Operation hours with MZ-V150 battery	Operation hours with MZ-V190 battery	Operation hours with two MZ-NPF990 batteries
Boost OFF	35Watt	162min	258min	326min	340min
Boost ON	54Watt	106min	167min	212min	220min

Connector: 4pin XLR Male Connector 7-17V DC input.   **Batteries supported:** V-Lock, G-Lock & NPF batteries with the MZ battery adapters. BPU or BPA60 batteries with DTAP cable.

Standard CRI: 96.8   Extended CRI: 95.3

Ra	95,3
R1	97,6
R2	98,4
R3	98,5
R4	97,2
R5	96,3
R6	94,3
R7	92,5
R8	87,8
R9	72,7
R10	99,1
R11	97,7
R12	73,9
R13	98,3
R14	99,2
R15	95,5

MZ-LED120 *Tiny LED light*

For tripods
with optional power adapter

For ENG cameras
with optional DTAP cable

For mini video cameras
with MZ batteries with DC output
Batteries supported: MZ-NPF980-USB, MZ-SSLJVC70-USB,
MZ-BPU65-USB, MZ-VBD78-USB, MZ-BPA65-USB

Single Kit options

MZ-LED120-Bulk includes: LED light body.

MZ-LED120-Basic-Kit includes: LED light, Power supplier, Ball-Head & Diffuser.

MZ-LED120-Essential-Kit includes: LED light, Softbox, Supplier, Ball-Head, DTAP cable & Pouch.

MZ-LED120-Power-Kit includes: LED light, MZ-NPF-Hot-Shoe adapter, DTAP cable, Barrel Cable, Supplier, Diffuser, Barndoors, Ball-Head & Pouch.

MZ-LED120-Deluxe-Kit includes: LED light, 30° & 60° Lenses, Supplier, Diffuser, Barndoors, Ball-Head, DTAP cable & Pouches.

MZ-LED120-Full-Kit includes: LED light, Power Supplier, Diffuser, Barndoors, Ball-Head, Dtap Cable & Pouch.
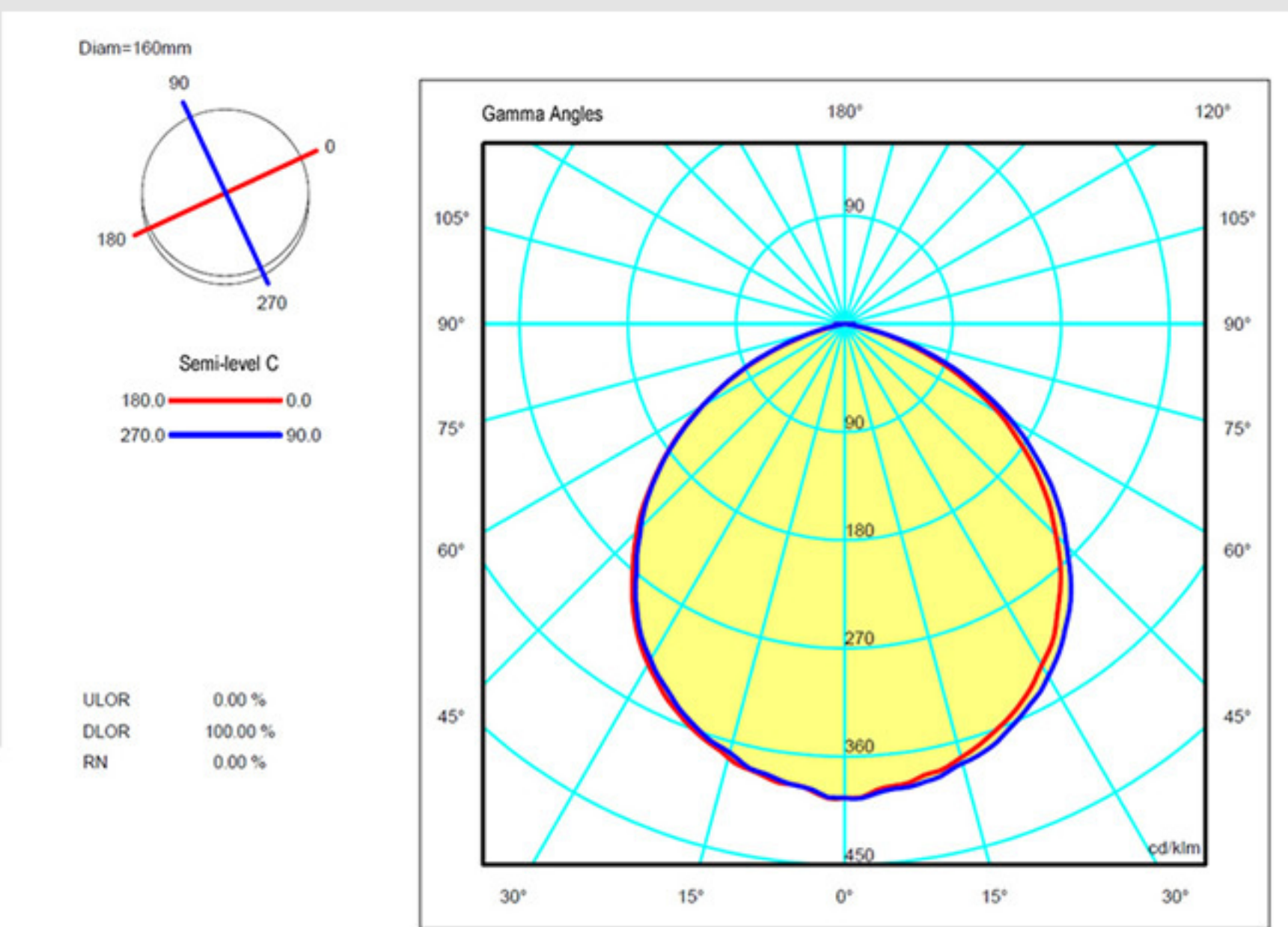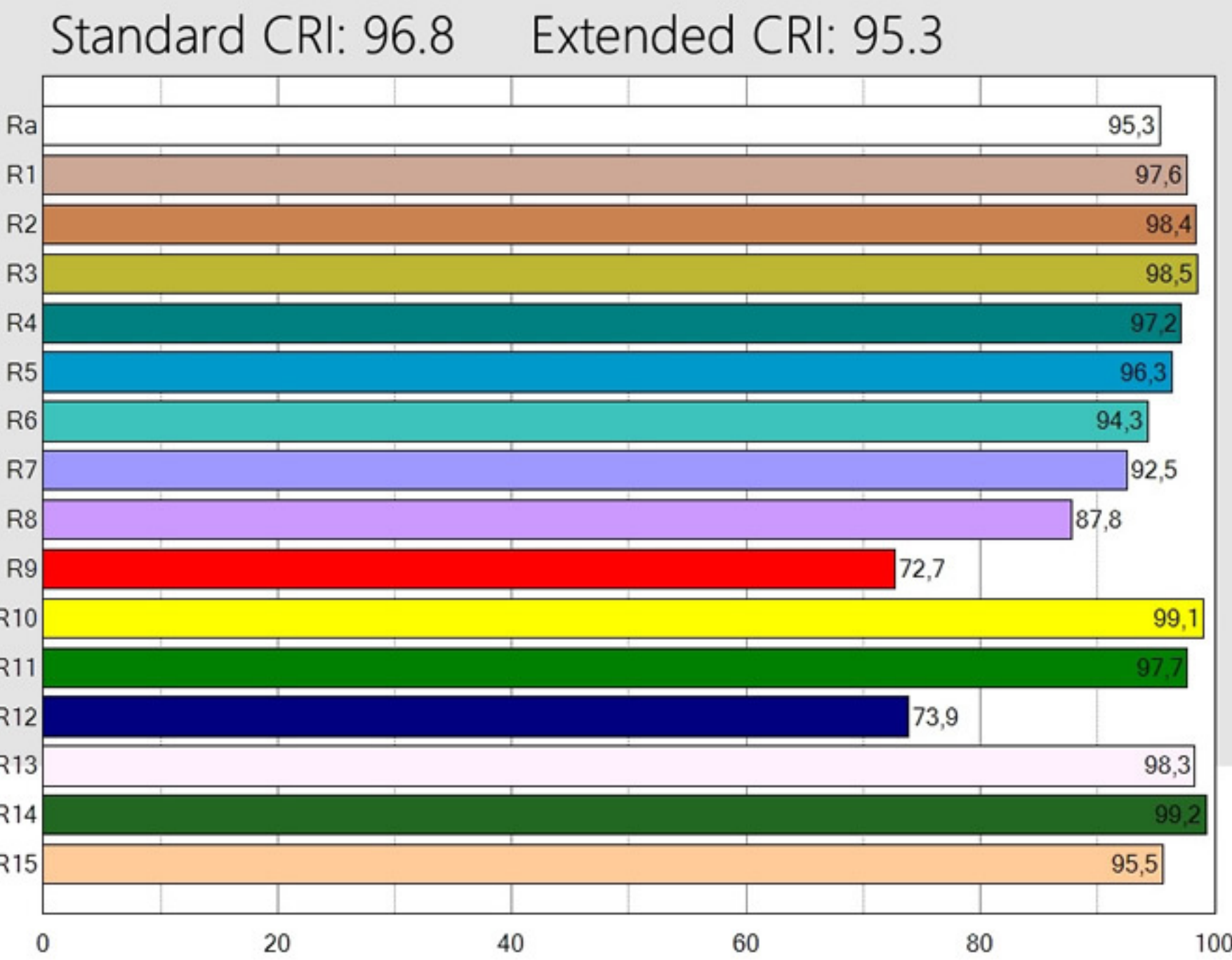
9cm
9cm
8cm
9cm
0.39 **KG**

Temperature options
MZ-LED120B: Bicolor 3100-5600K
MZ-LED120C: Cool 5600K
MZ-LED120W: Warm 3100K

MZ-LED120

Luminus Intensity	Lux @0.6m	Lux @1m	Lux @2m	Lux @3m	Lux @6m	Lum (Flux)	Measurement temperature	More powerful than
MZ-LED120C	3900	1400	350	160	39	4.100	5600K	LED400 Panels
MZ-LED120C with 60° lens	11.700	4200	1050	480	117	4.100	5600K	LED500 Panels
MZ-LED120C with 30° lens	19.500	7000	1750	800	195	4.100	5600K	LED600 Panels
MZ-LED120B	3600	1300	325	145	36	3.800	4350K	LED400 Panels
MZ-LED120B with 60° lens	10.800	3900	975	435	108	3.800	4350K	LED500 Panels
MZ-LED120B with 30° lens	18.000	6500	1625	725	180	3.800	4350K	LED600 Panels
MZ-LED120W	3300	1200	300	135	33	3.500	3100K	LED400 Panels
MZ-LED120W with 60° lens	9900	3600	900	405	99	3.500	3100K	LED500 Panels
MZ-LED120W with 30° lens	16.500	6000	1500	675	165	3.500	3100K	LED600 Panels

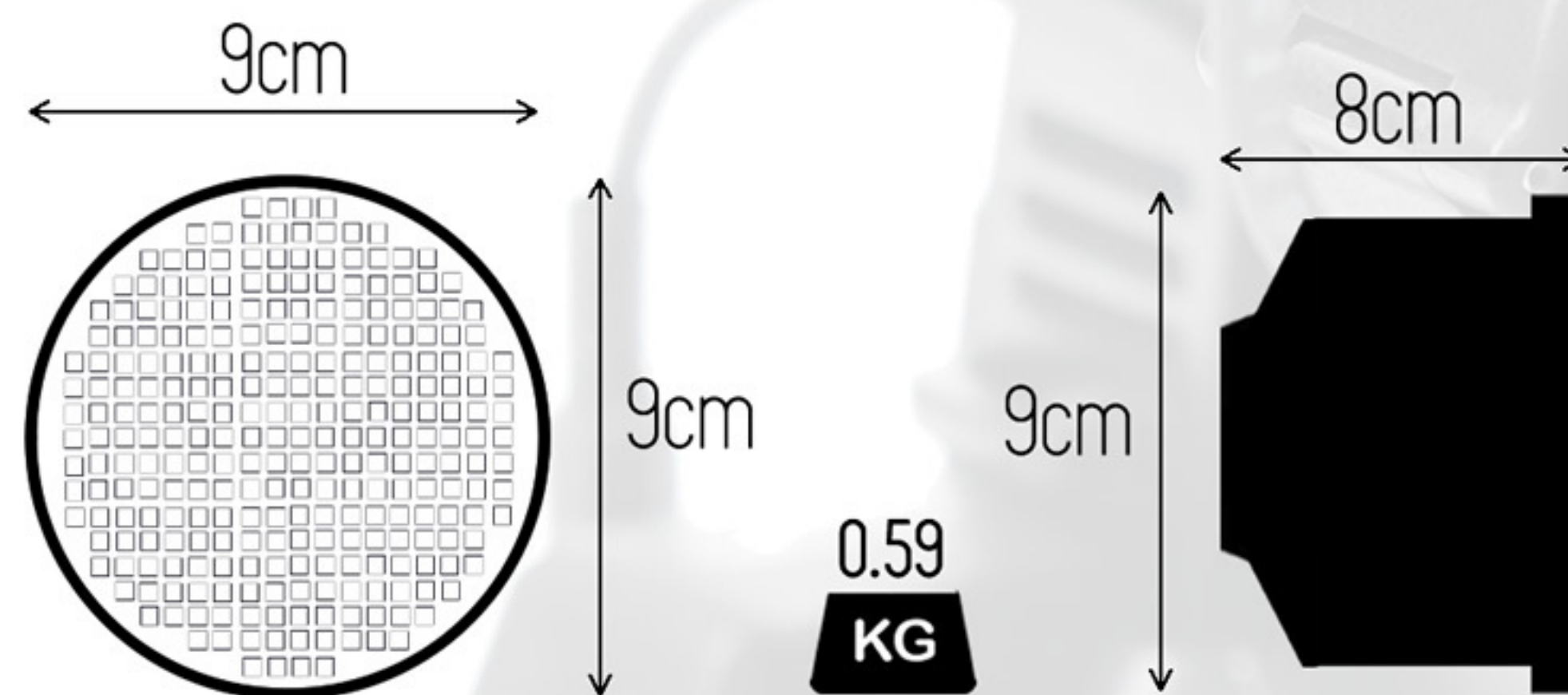| Power	Power Consumption	Operation hours with MZ-V95 battery	Operation hours with MZ-V150 battery	Operation hours with MZ-V190 battery	Operation hours with MZ-NPF980 battery
Only the LED Light	30Watt	188min	297min	380min	147min
LED Light and 20Watt Camera	50Watt	115min	180min	228min	88min

Connector: Barrel Connector 5-17V DC input.   **Batteries supported:** V-Lock, G-Lock, NPF, BPU, BPA65, VBD78, SSL and power banks with DTAP, USB or DC outputs.

Standard CRI: 96.8   Extended CRI: 95.3
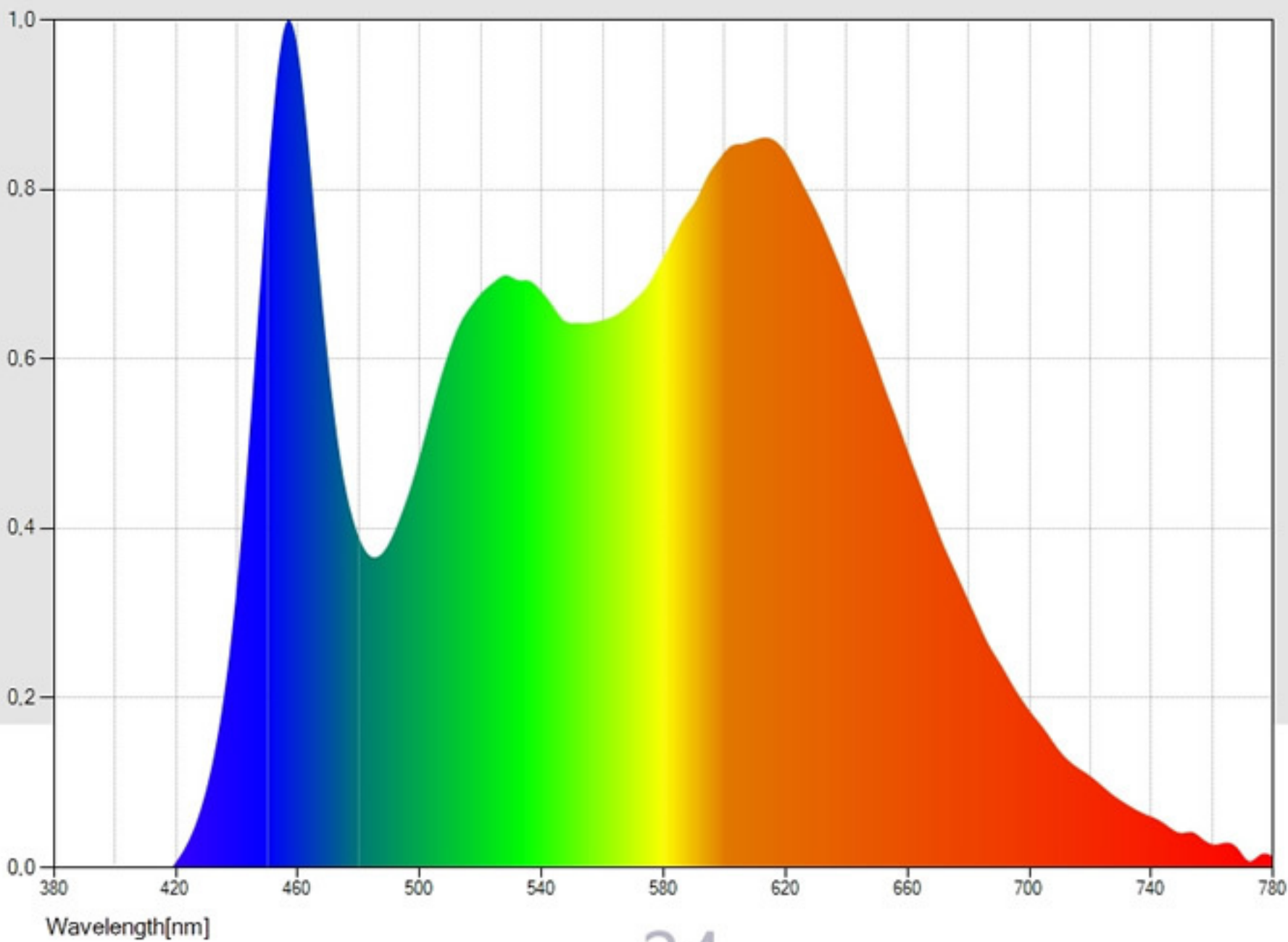
MZ-LED120-Bolt

Tiny on-camera LED light with internal battery

For ENG cameras

For mini video cameras

For photo cameras

9cm

9cm

9cm

8cm

0.59 KG

Temperature options
MZ-LED120B-Bolt: Bicolor 3100-5600K
MZ-LED120C-Bolt: Cool 5600K
MZ-LED120W-Bolt: Warm 3100K

Single Kit options

MZ-LED120-Bolt-Basic-Kit includes: LED light, Power Supplier/Charger, Ball-Head & Diffuser.

MZ-LED120-Bolt-Essential-Kit includes: LED light, Softbox, Supplier/Charger, Ball-Head & Pouch.

MZ-LED120-Bolt-Deluxe-Kit includes: LED light, 30° & 60° Lenses, Supplier/Charger, Diffuser, Barndoors, Ball-Head & Pouches.

MZ-LED120-Bolt-Full-Kit includes: LED light, Supplier/Charger, Diffuser, Barndoors, Ball-Head, Pouch & D-TAP or Barrel or USB cable.
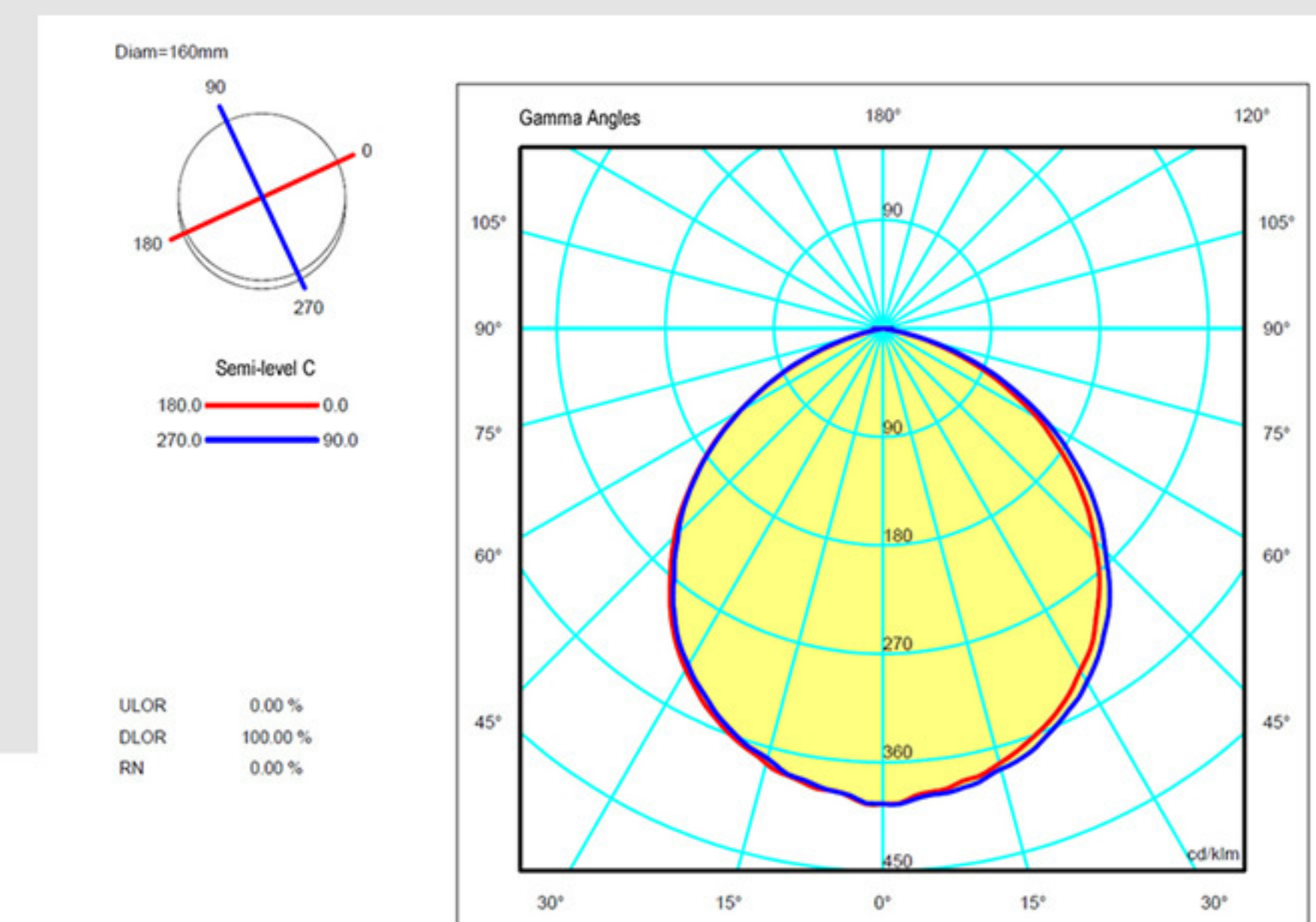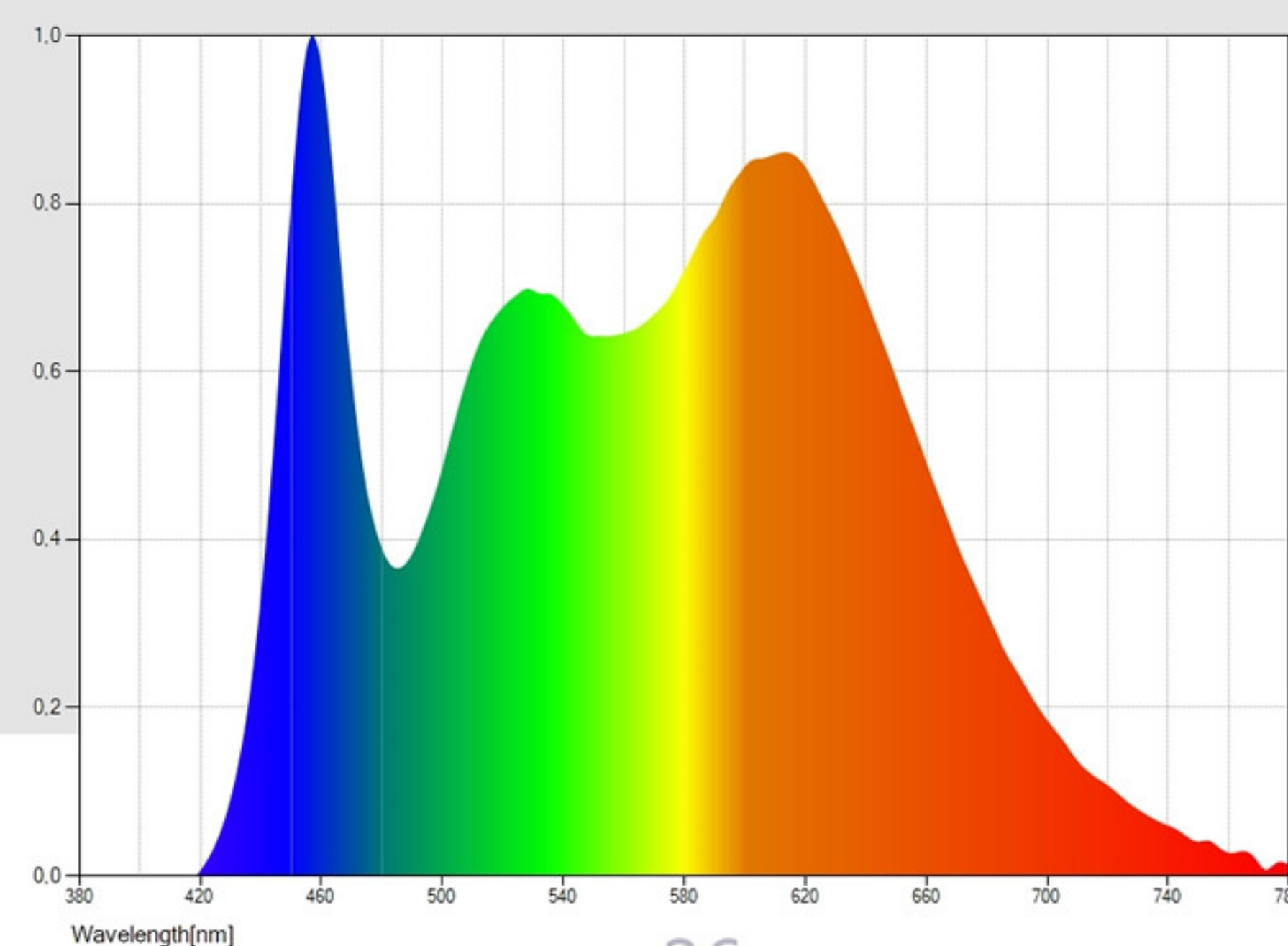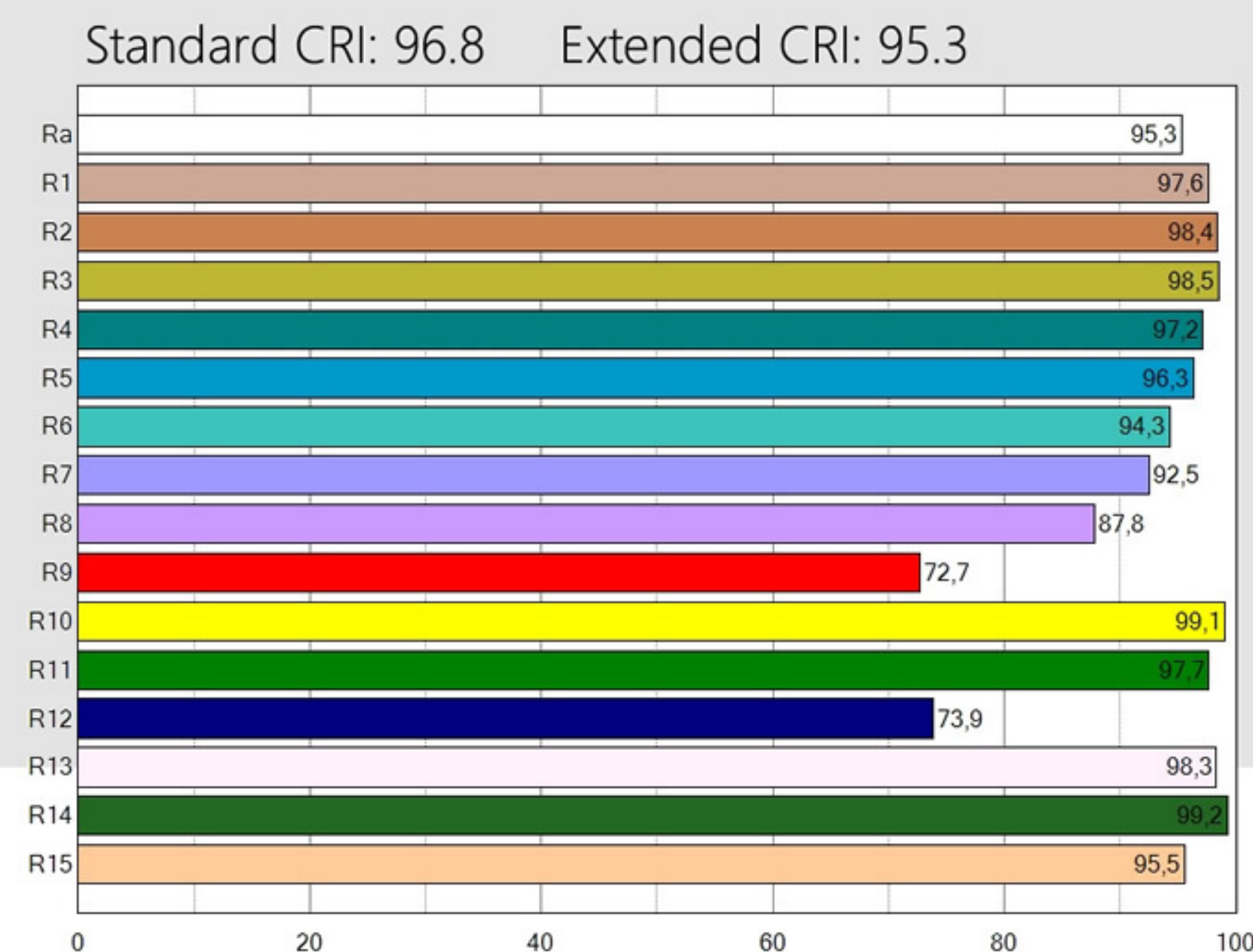
MZ-LED120-Bolt (with internal battery)

Luminus Intensity	Lux @0.6m	Lux @1m	Lux @2m	Lux @3m	Lux @6m	Lum (Flux)	Measurement temperature	More powerful than
MZ-LED120C	2925	1050	262	120	30	3.075	5600K	LED300 Panels
MZ-LED120C with 60° lens	8800	3150	800	360	88	3.075	5600K	LED400 Panels
MZ-LED120C with 30° lens	14.700	5300	1350	600	150	3.075	5600K	LED500 Panels
MZ-LED120B	2700	980	250	110	30	2.900	4350K	LED300 Panels
MZ-LED120B with 60° lens	8.100	3950	750	330	85	2.900	4350K	LED400 Panels
MZ-LED120B with 30° lens	13.500	4900	1250	550	140	2.900	4350K	LED500 Panels
MZ-LED120W	2500	900	230	105	25	2.650	3100K	LED300 Panels
MZ-LED120W with 60° lens	7500	2700	680	310	75	2.650	3100K	LED400 Panels
MZ-LED120W with 30° lens	12.400	4500	1150	510	130	2.650	3100K	LED500 Panels

Power	Power Consumption	Operation hours with internal battery	Operation hours with extra MZ-V95 battery	Operation hours with extra MZ-V150 battery	Operation hours with extra MZ-NPF980 battery
only the LED Light	20Watt	102min	387min	552min	324min
LED Light and 20Watt Camera	40Watt	51min	193min	276min	162min

Connector: Barrel Connector 5-17V DC input.   Batteries supported: V-Lock, G-Lock, NPF, BPU, BPA65, VBD78, SSL and power banks with DTAP, USB or DC outputs.

Standard CRI: 96.8   Extended CRI: 95.3