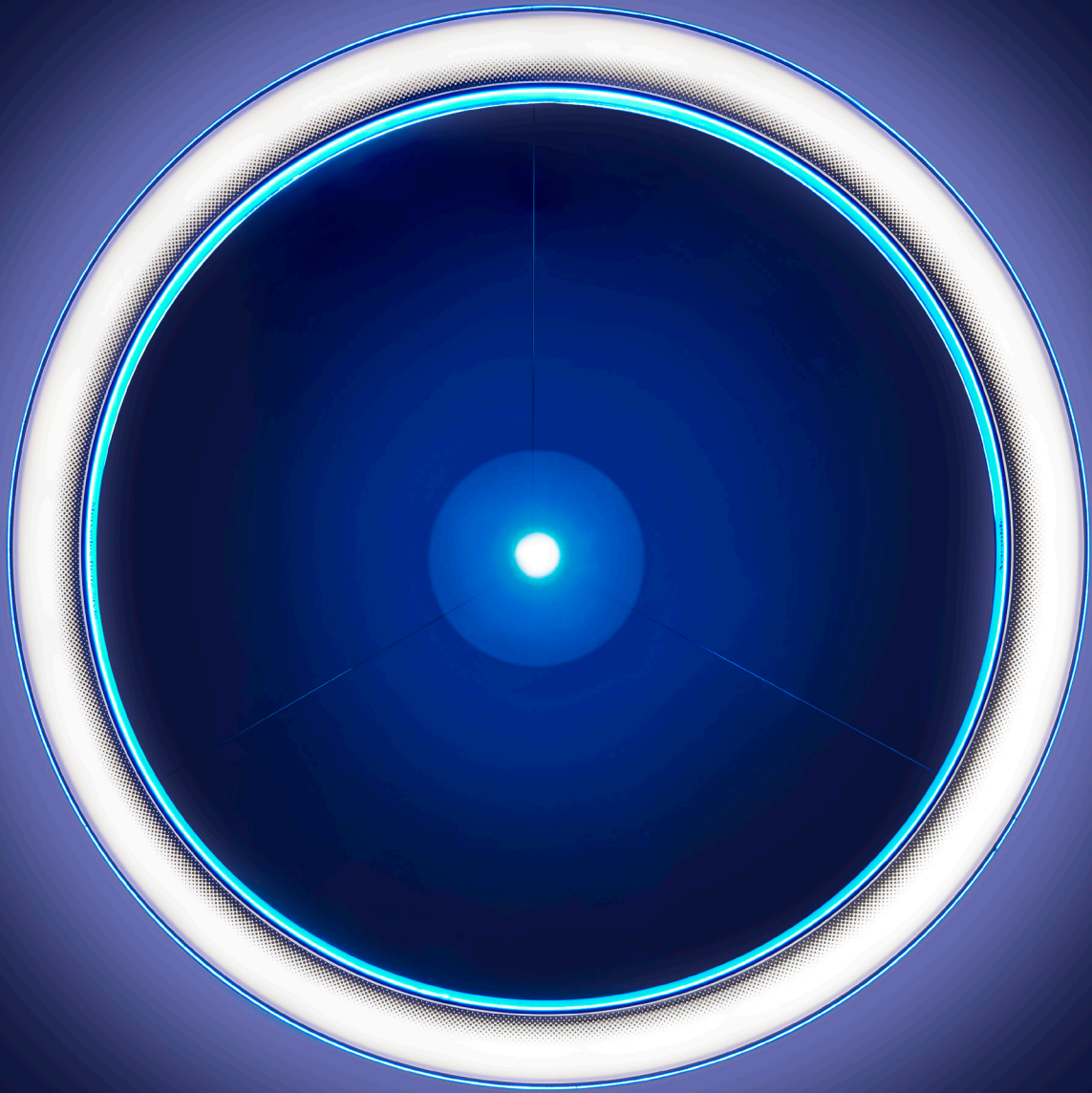


Artemide[®]



AMELUNA

Mercedes-Benz Style

Ameluna

Ameluna RGB

Mercedes-Benz Style, 2016

Ameluna

Light emission



Colour



Transparent



Ceiling rose:
Silver Grey

Ameluna RGB

Light emission



Colour



Transparent



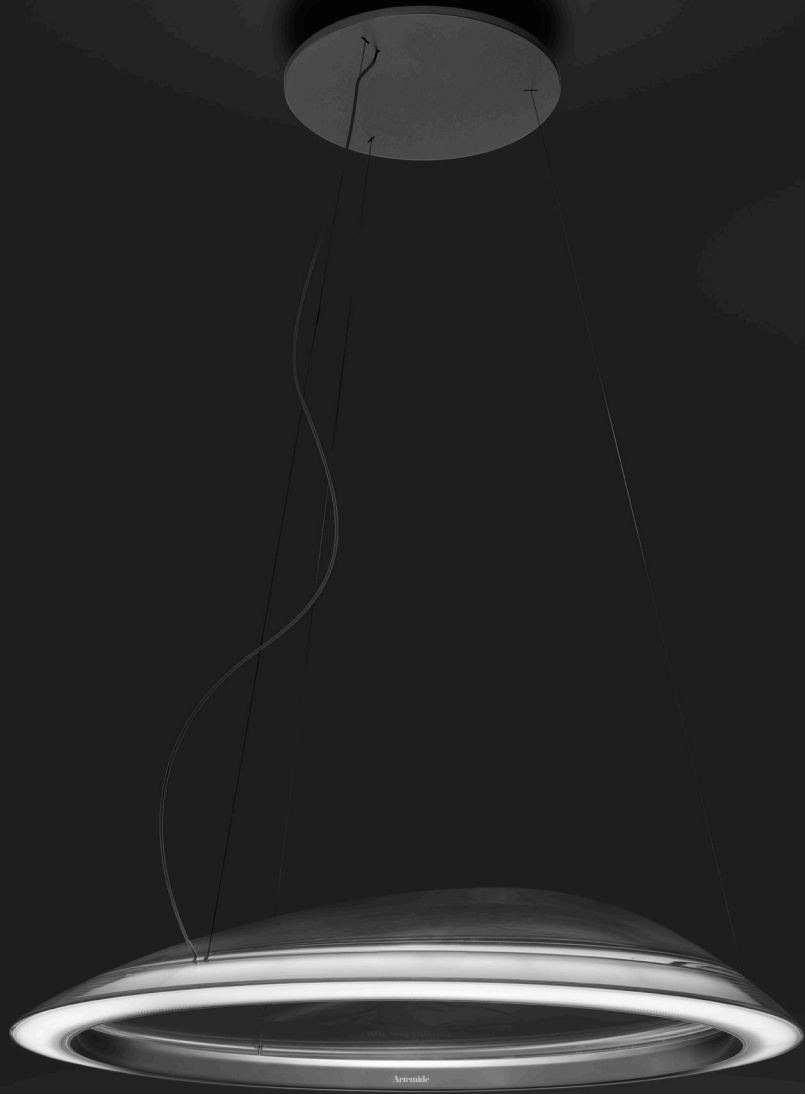
Ceiling Rose and Spot:
Silver Grey

È un racconto che va al di là dell'oggetto.

Ameluna combina bellezza e intelligenza attraverso una forma totalmente trasparente che si fonde con una luce dinamica per creare infiniti scenari. È un'interazione tra forme pure e un sensuale volume asimmetrico che crea una tensione dinamica ed altamente emotiva. Ameluna rivela una rivoluzionaria optoelettronica integrata nel corpo trasparente. L'ottica combinata con un anello realizzato in un innovativo tecnopolimero termococonduttivo che supporta i LED, si inserisce nel profilo inferiore lasciando intatta la purezza della forma. La luce è diretta e parzialmente rifratta nell'ambiente attraverso il corpo trasparente. Attraverso uno spot LED RGB possono essere create infinite atmosfere cromatiche.

A story that goes beyond the object itself.

Ameluna combines beauty and intelligence. Through a transparent form and a dynamic light, it creates countless scenarios. The interaction between pure forms and an asymmetric volume triggers a dynamic and deeply emotional tension. Ameluna reveals a cutting-edge optoelectronic system integrated in the transparent frame. A ring made of an innovative thermo-conductive polymer, which is welded with the optical unit, supports the LED strip and is concealed within the lower profile, in order to preserve the pureness of the form. The transparent body allows the light to be both direct and partially refracted. A countless number of chromatic atmospheres can be created with the use of an innovative RGB spot LED.



Ameluna



Ameluna RGB





Artemide Mercedes-Benz Style
A BRIGHT FUTURE.

“Condividiamo gli stessi valori e un simile DNA fondato su ricerca e innovazione. Obiettivo comune è esplorare la bellezza e l’emozione con un design human centered“

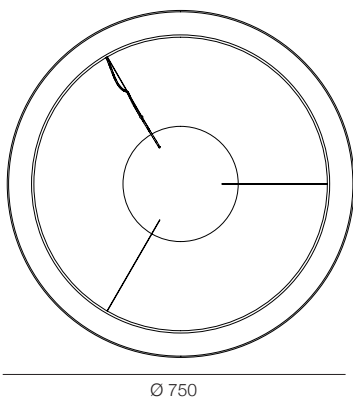
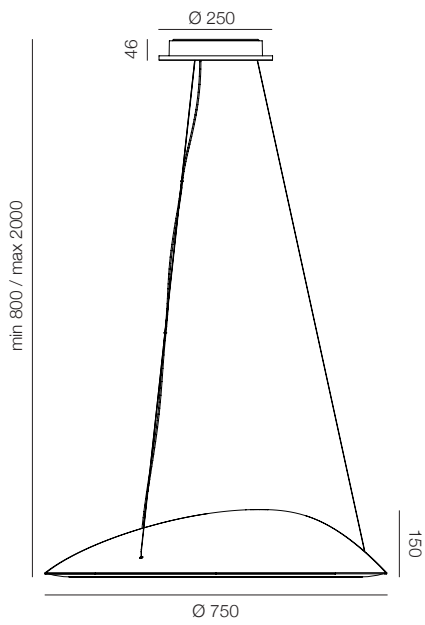
“We share the same values and a very similar DNA regarding research and innovation. Our shared purpose is to explore beauty and emotion through a human-centered design.“

Carlotta de Bevilacqua, Artemide Vice President

Artemide e Mercedes-Benz sono riconosciute per l’esclusività del loro design capace di generare icone. Due aziende, leader internazionali nei loro campi, si incontrano per disegnare nuove sinergie in partnership. Il design di Artemide e Mercedes-Benz è da sempre human centered, focalizzato sull’uomo, la sua esperienza e interazione. Attraverso un’alta qualità industriale e una visione innovativa il design, fondato su valori etici e sostenibili, genera la bellezza di prodotti senza tempo. Una progettualità sorprendente ed inaspettata combina la competenza di Artemide nella luce con il tratto distintivo di Mercedes-Benz Style nelle forme e nei materiali. Ameluna è una combinazione di Artemide, Mercedes e luna.

Artemide and Mercedes-Benz are famous for the exclusivity of their design and the creation of icons. Two international leaders in their respective fields form a partnership to design new synergies. The design of Artemide and Mercedes-Benz has been traditionally human centered, focused on human beings, their experience and interaction. Through high manufacturing quality and a great innovative vision, their design, founded on ethical and sustainable values, generates beautiful, timeless products. An impressive and unexpected design approach combines the lighting skills of Artemide with the distinctive trait of Mercedes-Benz Style in forms and materials. Ameluna is a combination of Artemide, Mercedes-Benz and “luna”, the Italian word for “moon”.

Ameluna



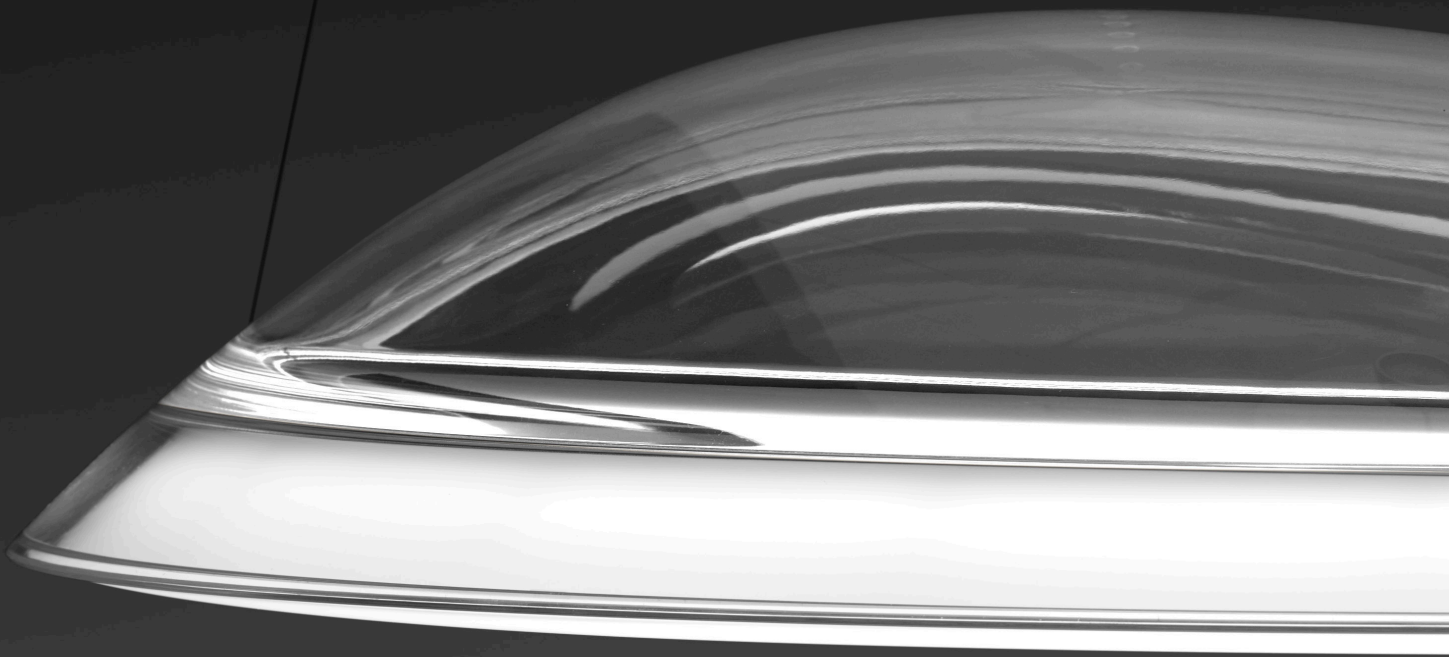
Ameluna

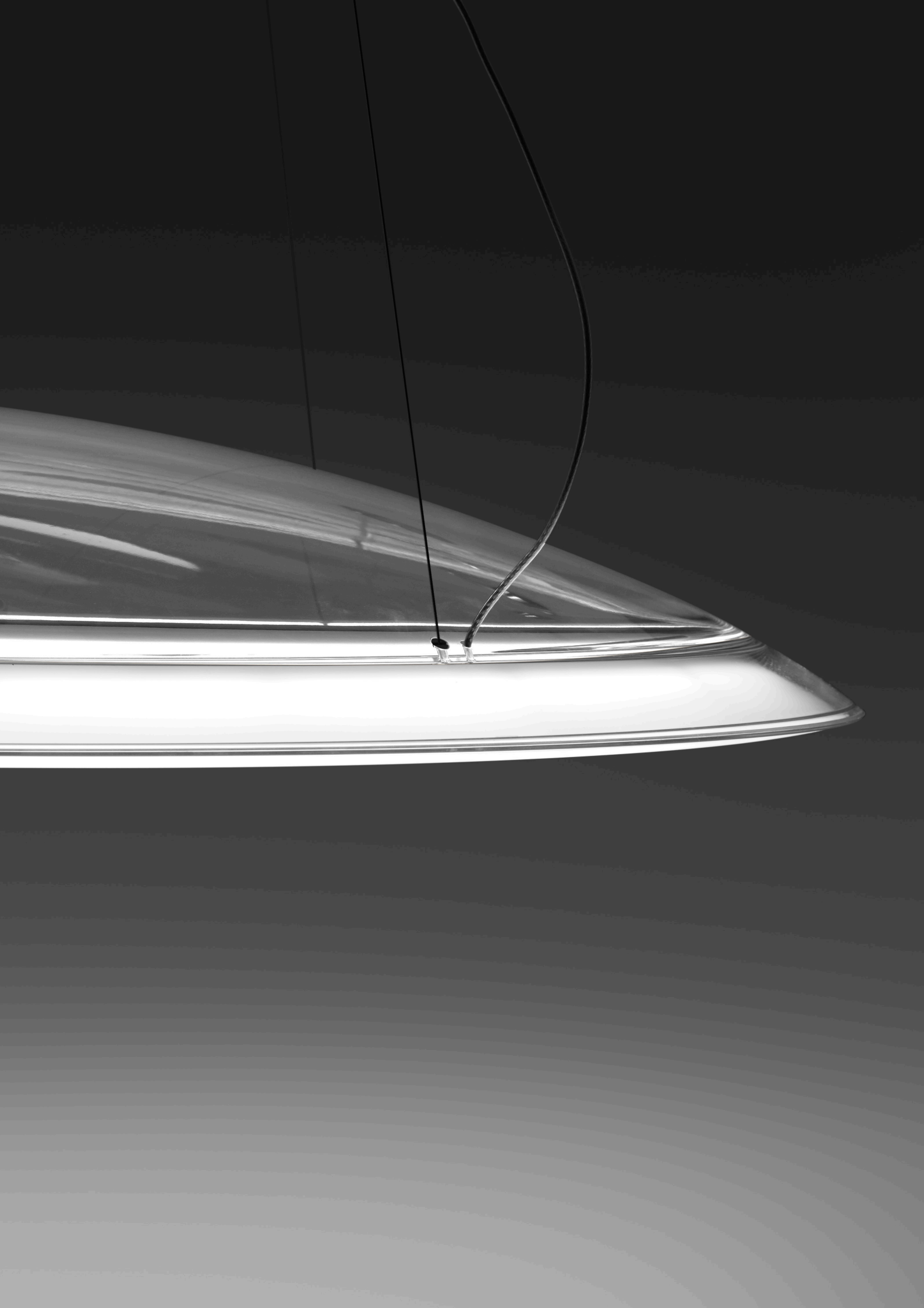
Code 1401010A
LED Total power 41W
Color temperature 3000K
CRI 90
Lighting output 3276lm

IP20 

Energy Label n°1



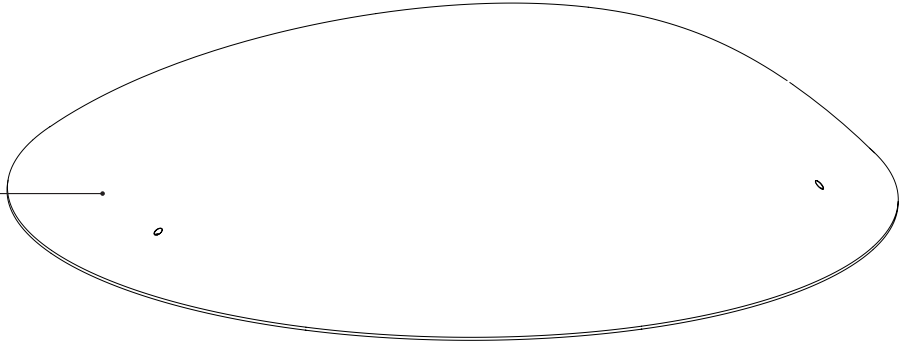




Ameluna components

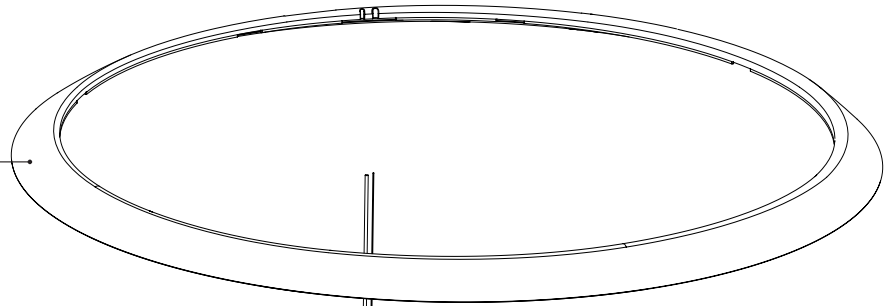
TRANSPARENT BODY

Injection Moulded Crystal Clear in Polymethyl Methacrylate (PMMA) to guarantee high transparency



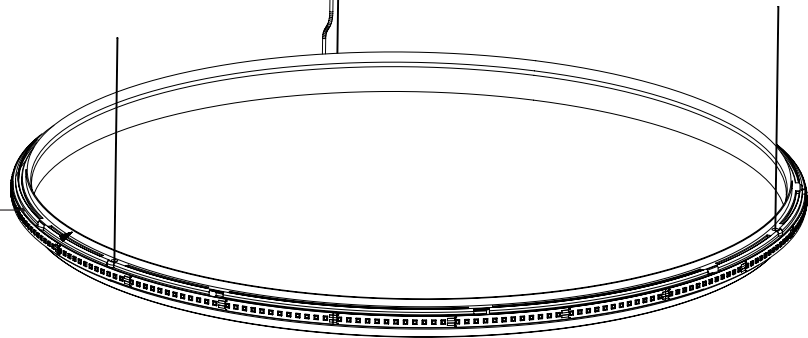
REFLECTIVE RING

Polypropylene (PP) with high reflective performance



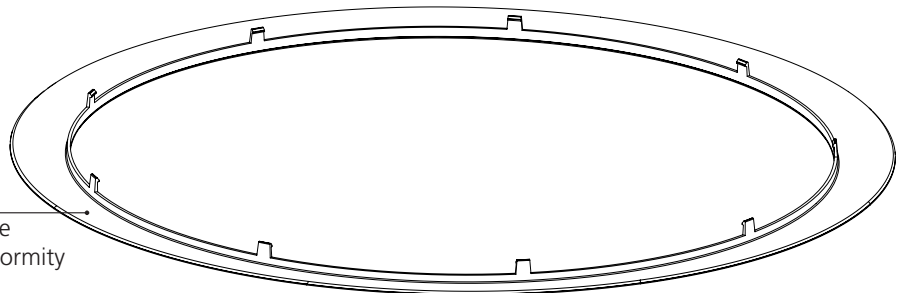
HEAT-SINK RING

Thermally conductive Polymethyl material containing special ceramic fillers ensuring effective heat transfer



DIFFUSIVE RING

Injection Moulded in polymethyl methacrylate (PMMA) for a perfect light diffusion and uniformity



Ameluna rivela una rivoluzionaria optoelettronica integrata nel corpo trasparente: la sezione ottica, brevetto di invenzione, si inserisce nel profilo inferiore lasciando intatta la purezza della forma e generando un perfetto controllo delle performance di luce.

Ameluna reveals a cutting-edge optoelectronic system integrated in the transparent frame: the optical section, an invention patent, is concealed within the lower profile in order to preserve the pureness of the form and allow perfect control of the lighting performance.

Attraverso la geometria della sezione e le caratteristiche ottiche dei materiali si ottiene una "light box" che determina un perfetto controllo dell'emissione pur nella trasparenza.

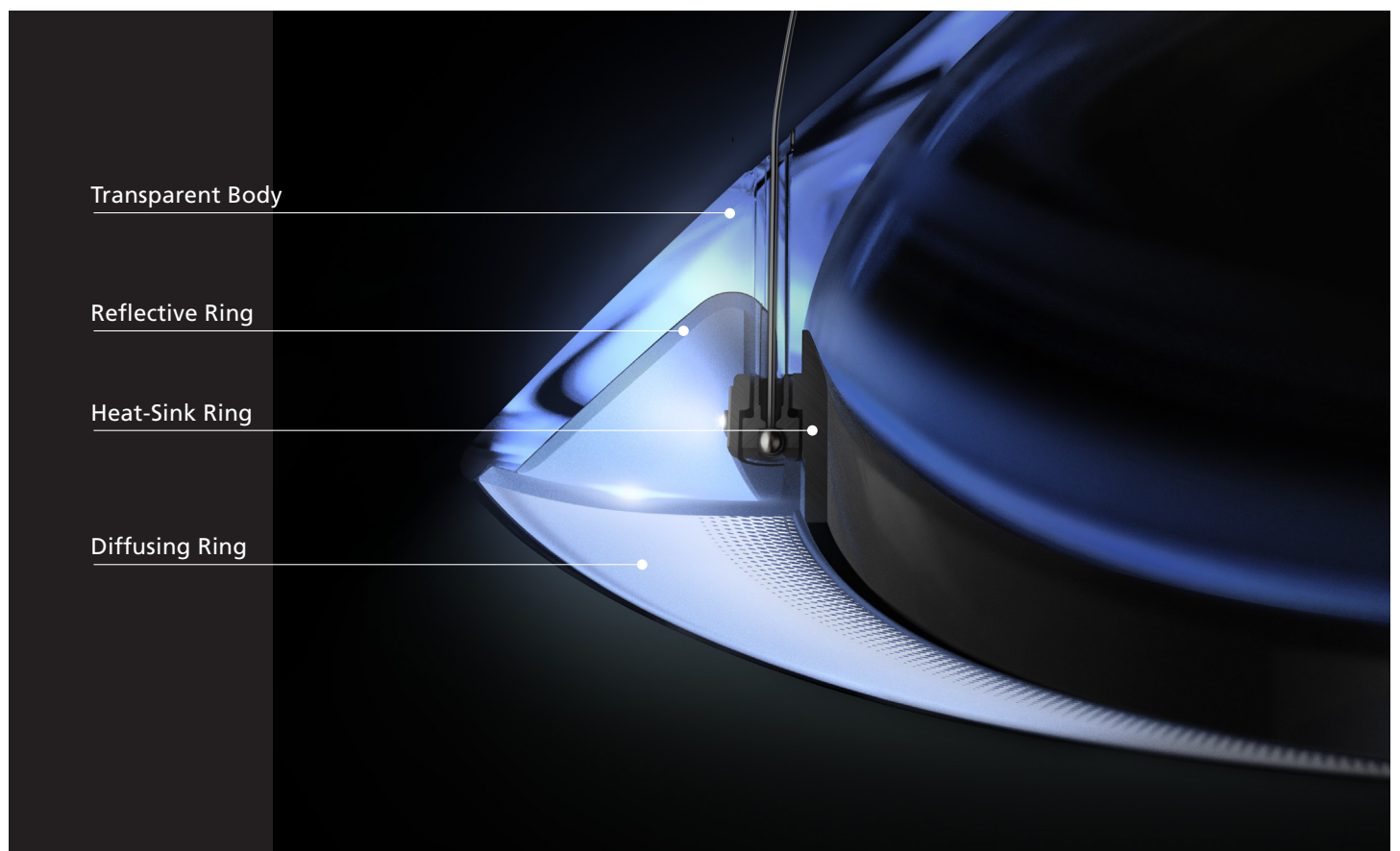
The geometric section and the optical features of the materials give life to a "light box" that ensures perfect control of the emission, despite transparency.

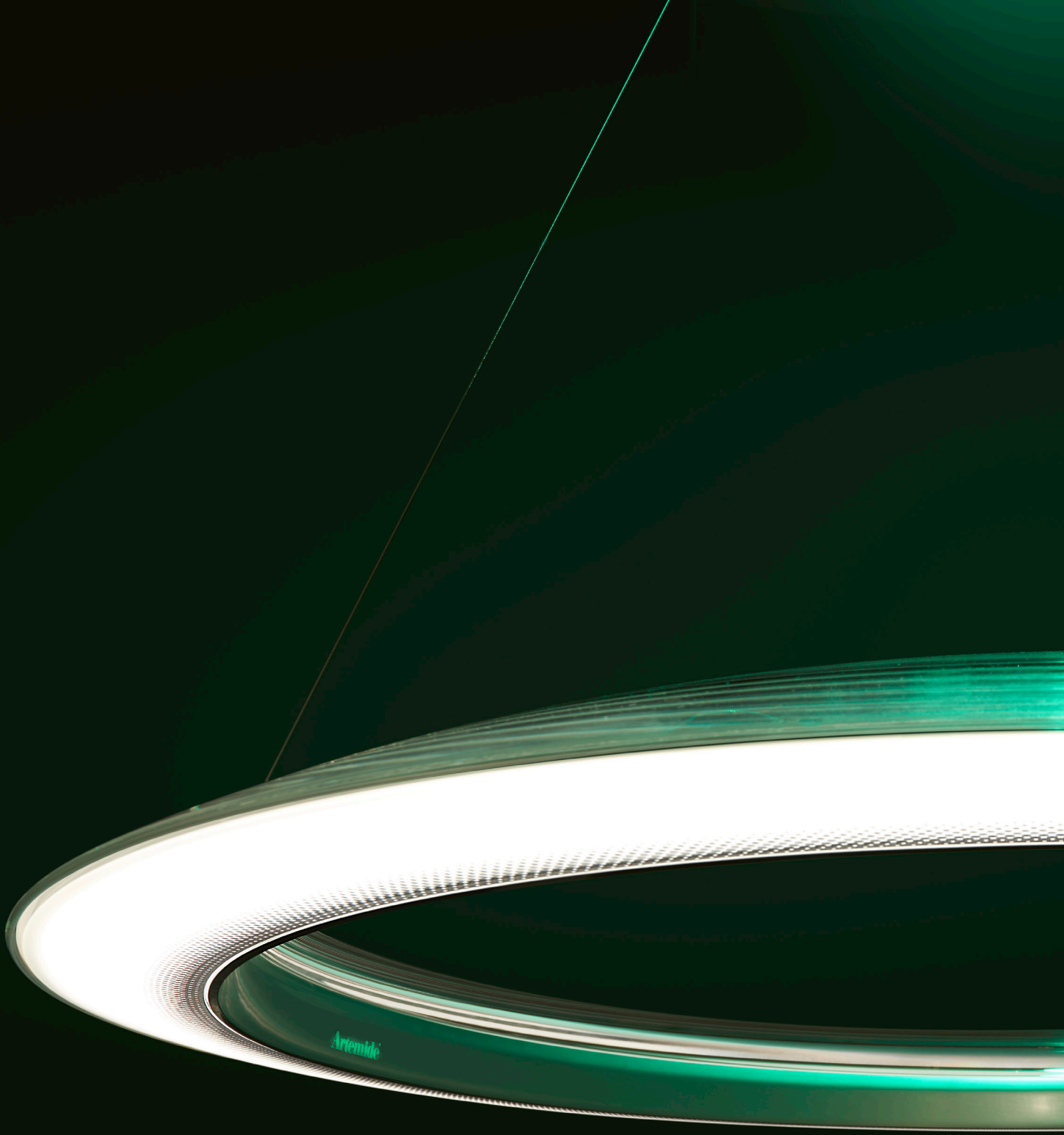
Una serie di sorgenti LED sono installate lungo il profilo inferiore su un anello realizzato in tecnopolimero termo conduttivo, un innovativo materiale che consente un'ottima dissipazione termica.

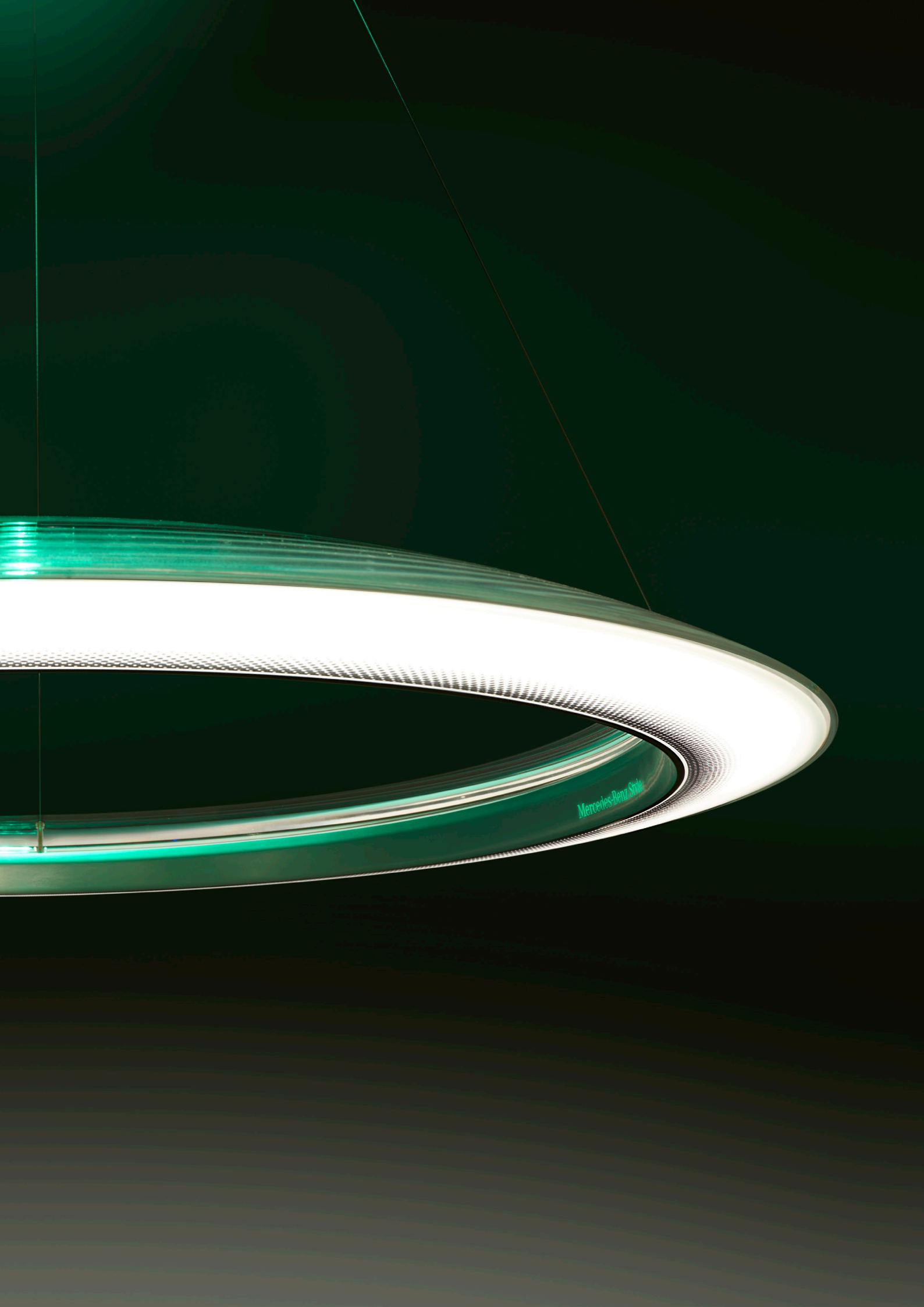
A set of LED sources is installed along the lower profile, on a ring made of a thermo-conductive polymer, an innovative material that allows excellent heat dissipation.

L'emissione è perfettamente progettata attraverso l'attenta selezione dei materiali che costituiscono la "light box". Le particolari proprietà di riflettanza e trasmittanza unite ad un bassissimo coefficiente di assorbimento fanno sì che la luce riflessa dalle superfici interne del vano ottico sia distribuita nell'ambiente in modo controllato e principalmente diretto. Questa soluzione garantisce un elevato rendimento ottico, una perfetta uniformità delle superfici emittenti con luminanza contenuta per un effetto di luce assolutamente confortevole.

Emission is perfectly designed through careful selection of the materials constituting the "light box". The special reflectance and transmittance properties, combined with a very low absorption coefficient, ensure that the light reflected from the inner surfaces of the section is scattered across the environment in a controlled and mostly direct way. This approach results into high optical yield, perfectly even emitting surfaces, and a limited luminance, thus providing an extremely comfortable lighting effect.







Mercedes-Benz Star

Ameluna	LED	luminaire	41 W	3000 K	$\alpha=58,3^\circ$																							
Power	35 W	41 W		<table border="1"> <thead> <tr> <th>H m</th> <th>\varnothing m</th> <th>EMax lux</th> <th>EM lux</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>3,23</td> <td>686</td> <td>152</td> </tr> <tr> <td>2</td> <td>6,46</td> <td>171</td> <td>38</td> </tr> <tr> <td>3</td> <td>9,70</td> <td>76</td> <td>17</td> </tr> <tr> <td>4</td> <td>12,93</td> <td>43</td> <td>10</td> </tr> <tr> <td>5</td> <td>16,16</td> <td>27</td> <td>6</td> </tr> </tbody> </table>	H m	\varnothing m	EMax lux	EM lux	1	3,23	686	152	2	6,46	171	38	3	9,70	76	17	4	12,93	43	10	5	16,16	27	6
H m	\varnothing m	EMax lux			EM lux																							
1	3,23	686			152																							
2	6,46	171			38																							
3	9,70	76			17																							
4	12,93	43	10																									
5	16,16	27	6																									
Flux	4461 lm	3276 lm																										
CCT	3000 K	3000 K																										
CRI	=90 (typ.)																											
Color tolerance	MacAdam 3SDCM																											
Service life	L70(9K) > 50000h																											
Beam		58,3°																										
Efficiency		73%																										
Efficacy	75 lm/W	80 lm/W																										

Spot RGB_Red	LED	luminaire	1 W	$\alpha=52^\circ$																												
Power	0,8 W	1 W		<table border="1"> <thead> <tr> <th>H m</th> <th>\varnothing m</th> <th>EMax lux</th> <th>EM lux</th> </tr> </thead> <tbody> <tr> <td>0,5</td> <td>0,41</td> <td>173</td> <td>69</td> </tr> <tr> <td>1</td> <td>0,83</td> <td>43</td> <td>17</td> </tr> <tr> <td>1,5</td> <td>1,24</td> <td>19</td> <td>8</td> </tr> <tr> <td>2</td> <td>1,66</td> <td>11</td> <td>4</td> </tr> <tr> <td>2,5</td> <td>2,07</td> <td>7</td> <td>3</td> </tr> <tr> <td>3</td> <td>2,49</td> <td>5</td> <td>2</td> </tr> </tbody> </table>	H m	\varnothing m	EMax lux	EM lux	0,5	0,41	173	69	1	0,83	43	17	1,5	1,24	19	8	2	1,66	11	4	2,5	2,07	7	3	3	2,49	5	2
H m	\varnothing m	EMax lux			EM lux																											
0,5	0,41	173			69																											
1	0,83	43			17																											
1,5	1,24	19			8																											
2	1,66	11	4																													
2,5	2,07	7	3																													
3	2,49	5	2																													
Flux	39 lm	31 lm																														
CCT	-	-																														
CRI	-	-																														
Color tolerance	-	-																														
Service life	L70(9K) > 50000h																															
Beam	-	52°																														
Efficiency	-	80%																														
Efficacy	49 lm/W	31 lm/W																														

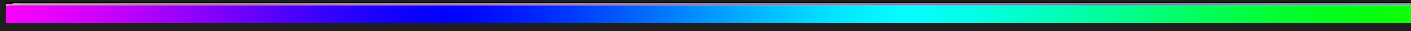
Spot RGB_Green	LED	luminaire	1,5 W	$\alpha=52^\circ$																												
Power	1,2 W	1,5 W		<table border="1"> <thead> <tr> <th>H m</th> <th>\varnothing m</th> <th>EMax lux</th> <th>EM lux</th> </tr> </thead> <tbody> <tr> <td>0,5</td> <td>0,41</td> <td>347</td> <td>138</td> </tr> <tr> <td>1</td> <td>0,83</td> <td>87</td> <td>34</td> </tr> <tr> <td>1,5</td> <td>1,24</td> <td>39</td> <td>15</td> </tr> <tr> <td>2</td> <td>1,66</td> <td>22</td> <td>9</td> </tr> <tr> <td>2,5</td> <td>2,07</td> <td>14</td> <td>6</td> </tr> <tr> <td>3</td> <td>2,49</td> <td>10</td> <td>4</td> </tr> </tbody> </table>	H m	\varnothing m	EMax lux	EM lux	0,5	0,41	347	138	1	0,83	87	34	1,5	1,24	39	15	2	1,66	22	9	2,5	2,07	14	6	3	2,49	10	4
H m	\varnothing m	EMax lux			EM lux																											
0,5	0,41	347			138																											
1	0,83	87			34																											
1,5	1,24	39			15																											
2	1,66	22	9																													
2,5	2,07	14	6																													
3	2,49	10	4																													
Flux	97 lm	78 lm																														
CCT	-	-																														
CRI	-	-																														
Color tolerance	-	-																														
Service life	L70(9K) > 50000h																															
Beam	-	52°																														
Efficiency	-	80%																														
Efficacy	81 lm/W	52 lm/W																														

Spot RGB_Blue	LED	luminaire	1,5 W	$\alpha=52^\circ$																												
Power	1,2 W	1,5 W		<table border="1"> <thead> <tr> <th>H m</th> <th>\varnothing m</th> <th>EMax lux</th> <th>EM lux</th> </tr> </thead> <tbody> <tr> <td>0,5</td> <td>0,41</td> <td>58</td> <td>23</td> </tr> <tr> <td>1</td> <td>0,83</td> <td>14</td> <td>6</td> </tr> <tr> <td>1,5</td> <td>1,24</td> <td>6</td> <td>3</td> </tr> <tr> <td>2</td> <td>1,66</td> <td>4</td> <td>1</td> </tr> <tr> <td>2,5</td> <td>2,07</td> <td>2</td> <td>1</td> </tr> <tr> <td>3</td> <td>2,49</td> <td>2</td> <td>1</td> </tr> </tbody> </table>	H m	\varnothing m	EMax lux	EM lux	0,5	0,41	58	23	1	0,83	14	6	1,5	1,24	6	3	2	1,66	4	1	2,5	2,07	2	1	3	2,49	2	1
H m	\varnothing m	EMax lux			EM lux																											
0,5	0,41	58			23																											
1	0,83	14			6																											
1,5	1,24	6			3																											
2	1,66	4	1																													
2,5	2,07	2	1																													
3	2,49	2	1																													
Flux	37 lm	30 lm																														
CCT	-	-																														
CRI	-	-																														
Color tolerance	-	-																														
Service life	L70(9K) > 50000h																															
Beam	-	52°																														
Efficiency	-	80%																														
Efficacy	31 lm/W	20 lm/W																														



SEE
THE
LIGHT

Spot RGB







1

1-2_Presentazione della lampada Ameluna nello showroom Artemide Manzoni durante la Milano Design Week 2016
 3_Ameluna nella vetrina del Mercedes Me Store a Milano

1-2_Presentation of the Ameluna lamp in the Artemide Manzoni showroom during the Milan Design Week 2016
 3_Ameluna in the window of the Mercedes Me Store in Milan



2



Artemide

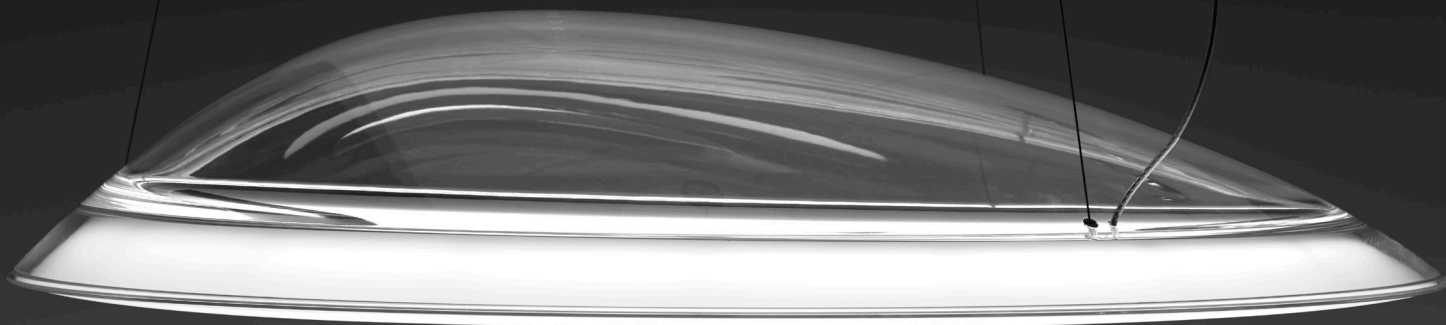
Mercedes-Benz Style
A BRIGHT FUTURE.



AMELUNA

DISCOVER MORE AT THE ARTEMIDE SHOWROOMS
CORSO MONFORTE 19 - VIA MANZONI 12, MILANO

Ameluna Light management



Ameluna può essere controllata attraverso un Interruttore On/Off oppure attraverso un Push che ne regola l'intensità luminosa.

Ameluna can be controlled with an On/Off switch or using a Push to adjust its luminous intensity.



ON/OFF SWITCH



PUSH

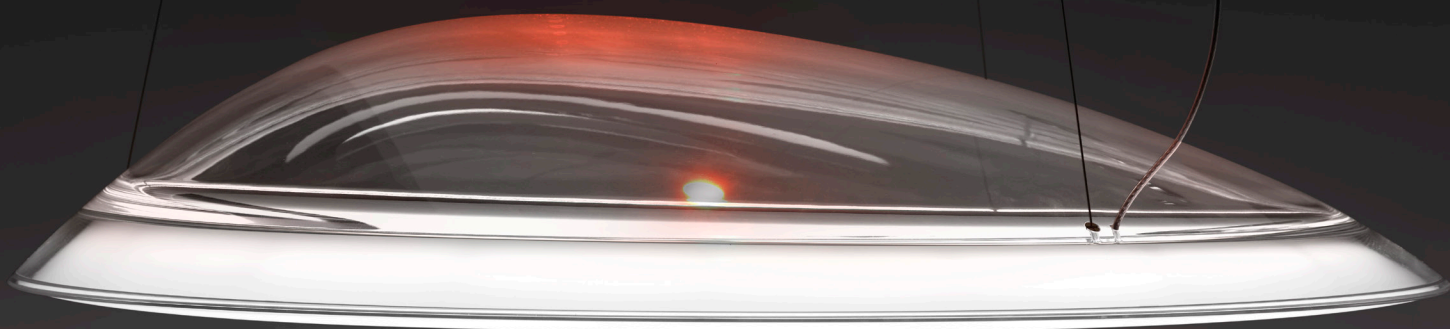
Pressione veloce: ON/OFF
Pressione lunga: DIMMING
Pressione 15s: SINCRONIZZAZIONE INTENSITÀ
La lampada o il gruppo di lampade controllate dallo stesso push si sincronizzano alla massima intensità (massimo 4 lampade collegate allo stesso Push e lunghezza cavo tra rosone e pulsanti non superiore ai 15m)

Quick push: ON/OFF
Long push: DIMMING
15s push: INTENSITY SYNCHRONIZATION
The appliance or the group of appliances controlled with the same push button are synchronized at maximum intensity (maximum 4 appliances connected with the same Push and maximum 15m cable length between the rose and the buttons)

Ameluna è DALI addressable.
Il codice per la versione DALI è disponibile a richiesta.

Ameluna is DALI addressable.
The code for the DALI version is available on request.

Ameluna RGB Light management



Ameluna RGB può essere controllata attraverso 2 differenti Push (uno per la luce bianca e uno per lo spot RGB) o l'Ameluna APP. Il controllo tramite Push ha sempre la priorità rispetto al controllo con la APP (quando si pilotano i Push, i comandi inviati via bluetooth da smartphone/tablet sono ignorati).

Ameluna RGB can be controlled using 2 different Push (one for white light and one for the RGB spotlight) and the Ameluna App. Control via push button has always priority over control with the App (when the Push are operated, the commands sent via bluetooth from the smartphone or tablet are ignored).



WHITE LIGHT PUSH

Pressione veloce: ON/OFF
Pressione lunga: DIMMING
Pressione 15s: SINCROZZAZIONE INTENSITÀ

Un gruppo di lampade si sincronizza alla massima intensità (massimo 4 lampade collegate allo stesso push e lunghezza cavo tra rosone e pulsanti non superiore ai 15m)

Pressione 3m: RESET

Tutti i parametri vengono ripristinati con valori di fabbrica.

Quick push: ON/OFF

Long push: DIMMING

15s push: INTENSITY SYNCHRONIZATION

A group of appliances is synchronized at maximum intensity (maximum 4 appliances connected with the same push button and maximum 15m cable length between the rose and the buttons)

3m push: RESET

All the settings are returned to factory values.

Ameluna RGB è DALI addressable.

Il codice per la versione DALI è disponibile a richiesta.

Ameluna RGB is DALI addressable.

The code for the DALI version is available on request.



RGB SPOT PUSH

Pressione veloce: ON/OFF
Pressione lunga (da acceso): ROLLING COLORI

Quando si rilascia il tasto, rimane l'ultimo colore mostrato

Pressione lunga (da spento): ROLLING COLORI AUTOMATICO „DEMO“

Anche se si rilascia il tasto i colori continuano a ciclare. A seguito di una prima pressione veloce del tasto il rolling si ferma sull'ultimo colore visualizzato. Una successiva pressione spegne lo spot.

Pressione 90s: SINCROZZAZIONE COLORE

Lo spot di una lampada o di un gruppo di lampade controllate dallo stesso Push si sincronizza sul colore bianco (massimo 4 lampade collegate allo stesso Push e lunghezza cavo tra rosone e pulsanti non superiore ai 15m)

Quick push: ON/OFF

Long push (when on): ROLLING COLOURS

When the push button is released, the last colour is shown

Long push (when off): ROLLING AUTOMATIC „DEMO“ COLOURS

Colour turnover continues when the push button is released. Following the first quick push of the button, rolling stops on the last colour shown. Subsequent pressure turns the spotlight off.

90s push: COLOUR SYNCHRONIZATION

The spot of an appliance or a group of appliances controlled with the same Push is synchronized on the white colour (maximum 4 appliances connected with the same Push and maximum 15m cable length between the rose and the buttons)



AMELUNA APP

Per il funzionamento vedi la sezione Ameluna APP (Pag.22)

Ostruzioni fisiche

Fattori che potrebbero causare un indebolimento del segnale sono gli ostacoli quali muri, pareti e apparecchiature in metallo.

Note sulla distanza

La tecnologia bluetooth è basata sulla radiofrequenza, il che significa che la connettività e le prestazioni diminuisce quando la distanza tra i dispositivi aumenta.

See the section Ameluna APP (Page 22) for operation

Physical obstructions

Factors that may result into a weaker signal include barriers, such as walls, partitions, and metal equipment.

Notes on distance

The bluetooth technology is based on radio-frequency, which means that connectivity and performance decline as the distance between devices increases.

L'intelligenza di Ameluna RGB si esprime infatti non solo nell'innovazione optoelettronica ma anche nell'interazione IoT. La luce di ogni interno, in auto o in uno spazio, può essere parte di Internet of Things e seguire con il variare degli scenari la nostra percezione ed esperienza. È una nuova frontiera di progetto dove la luce genera emozione e interazione.

The high-tech competence of Ameluna RGB, is conveyed both by optoelectronic innovation and by the IoT interaction. Light in every interior, be it a car or a personal or public space, can be part of the Internet of Things and follow human perception and experience as scenarios change. A new design frontier where light creates both experience and interaction.

Ameluna App consente di vivere in modo totalmente nuovo il rapporto con la luce attraverso un' esperienza sorprendente, semplice ed intuitiva. Grazie ad un protocollo mesh BLE dotato di alti standard di sicurezza ci si può connettere ad Ameluna attraverso i vari mobile devices e creare, cambiare e richiamare varie scenografie di luce a seconda di ogni occasione scegliendo l'intensità luminosa della luce bianca e il colore.

The Ameluna App enables an utterly new experience with light through a surprising, simple, and intuitive approach. A BLE mesh protocol based on high safety standards allows to connect with Ameluna using a variety of mobile devices, as well as to create, change, or set up different lighting scenarios matching every occasion and to choose the intensity of white light and colour.

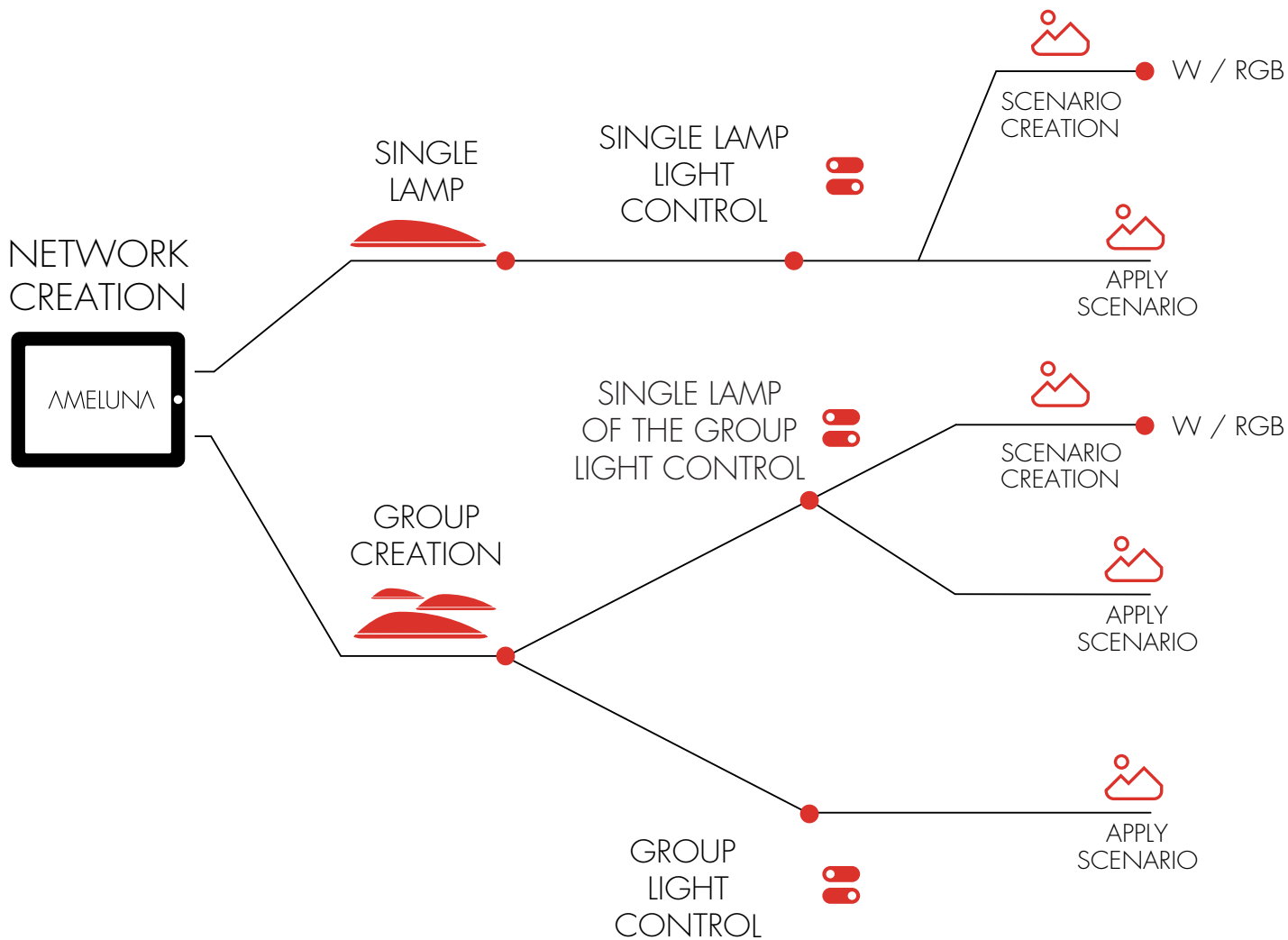
L'app è scaricabile al seguente link:

The app can be downloaded via the following link:

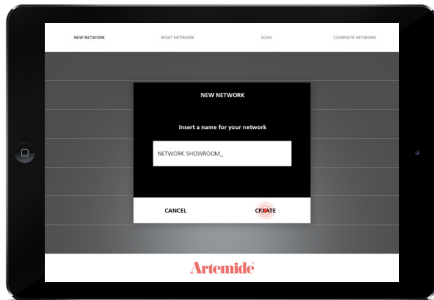
<https://itunes.apple.com/it/app/ameluna/id1181569128?mt=8>

<https://itunes.apple.com/it/app/ameluna/id1181569128?mt=8>

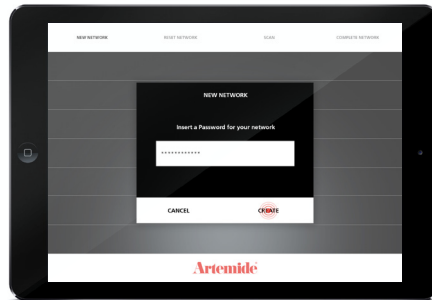




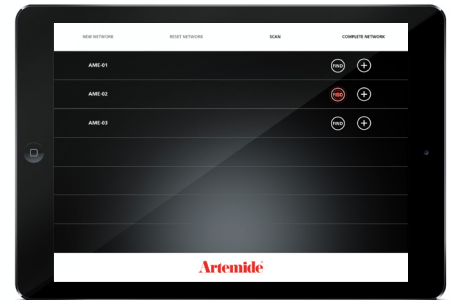
NETWORK CREATION AND MODIFICATION



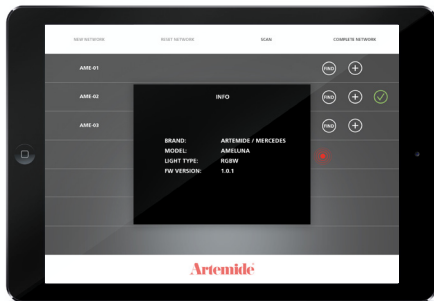
Network naming



Password creation



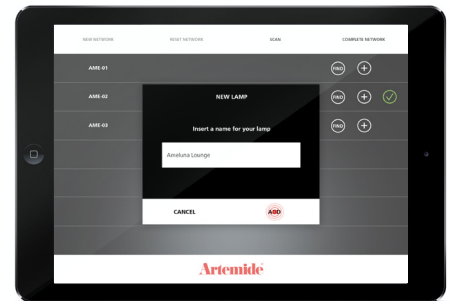
Auto Scanning phase



Find physical lamp phase
The lamp will signal itself by blinking



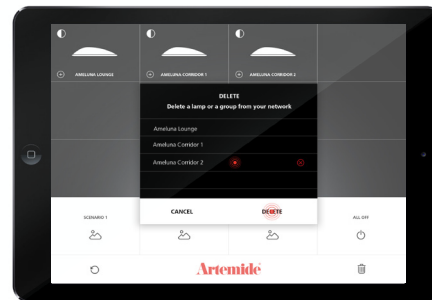
Assigning a lamp to the network



Lamp naming



Tap on the "Bin" Logo to remove a lamp(s) from the network



Choose the lamp(s) you want to remove from the network

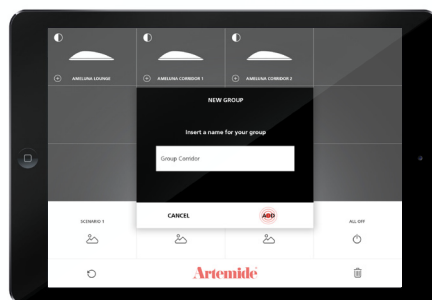


The lamp has been removed from the Network. Tap on the circle arrow to go back to the network screen and scan the area again.

GROUP CREATION AND MODIFICATION



Complete network screen



Create a new group pop up (triggered by tapping on the "+" next to the Ameluna icon).



Complete new group lamps association

LIGHT CONTROL



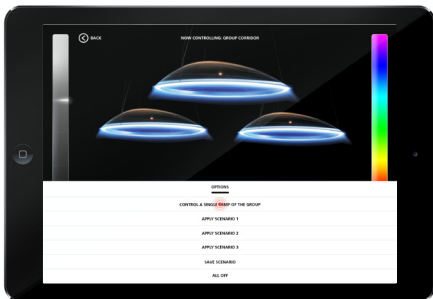
Choose the group or lamp to control



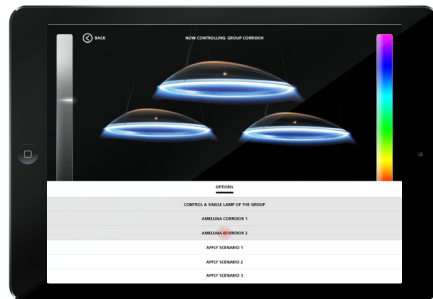
Control the white and rgb emission by using the lateral bars on the screen



Trigger the Options Menu



Tap the "Control a single lamp of the Group" to create a different setting on a single lamp of the group



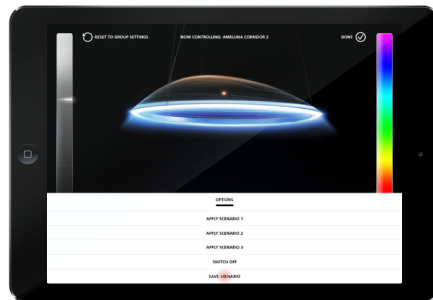
Choose the single lamp of the group to control



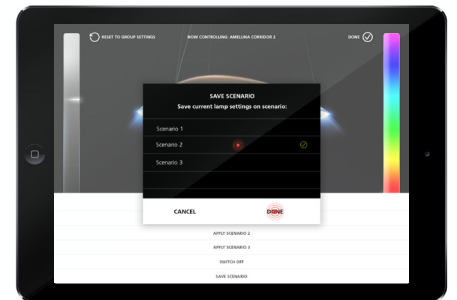
Control the white and RGB emission by using the lateral bars on the screen, confirm settings and turn back complete network screen tapping "DONE"



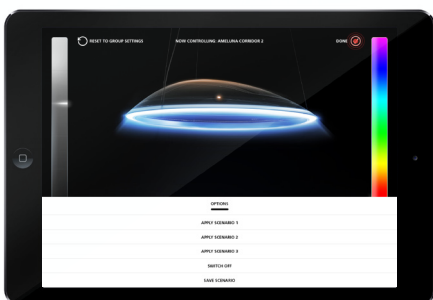
Trigger the Options Menu to apply existing scenarios or save a new one with the configurations just set



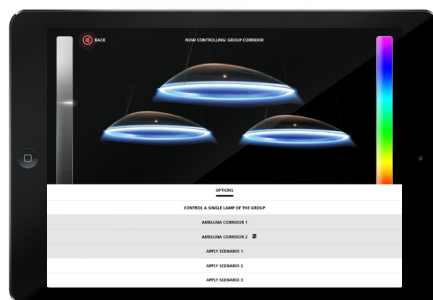
Saving a scenario with the settings applied on the single lamp



Choose the scenario to overwrite with the new settings



Exit the single lamp settings by tapping on "DONE"



The single lamp within the group is now saved with different settings. Tap "Back" to go to the Network screen



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RIGHT FUTURE



