

warp

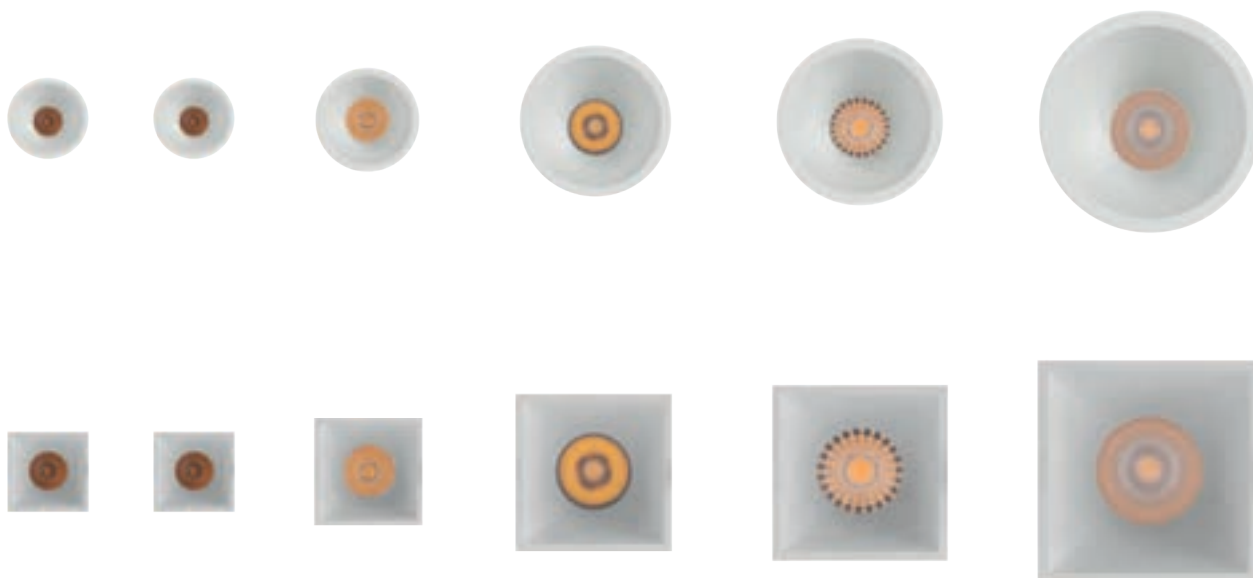


This downlight comes with an extremely slim flange that perfectly blends with the dropped ceiling: its design was specifically conceived to optimise lighting efficiency, while the source was particularly receded to offer maximum visual comfort.

Materials

Aluminium body





	2 W	4 W	6 W	8 W	10 W	15 W	25 W	45 W
_R 	Ø 35 mm	Ø 35 mm	Ø 42 mm	-	Ø 71 mm	Ø 100 mm	Ø 135 mm	Ø 135 mm
_RY 	Ø 50 mm	Ø 50 mm	-	-	Ø 71 mm	Ø 100 mm	Ø 134 mm	-
_RJ 	-	-	-	Ø 80 mm	-	Ø 120 mm	-	-
_Q 	□ 35 mm	□ 35 mm	□ 42 mm	-	□ 71 mm	□ 100 mm	□ 135 mm	-
_QY 	□ 50 mm	□ 50 mm	-	-	□ 71 mm	□ 100 mm	□ 134 mm	-
Accessories				-		-		
Finish								
Balance CRI 92	2700K 3000K	2700K 3000K 4000K	2700K 3000K 4000K	2700K 3000K 4000K	2700K 3000K 4000K	2700K 3000K 4000K	2700K 3000K 4000K	2700K 3000K 4000K
Efficiency CRI 80	2700K 3000K 4000K	2700K 3000K 4000K	2700K 3000K 4000K	2700K 3000K 4000K	2700K 3000K 4000K	2700K 3000K 4000K	2700K 3000K 4000K	2700K 3000K 4000K
WarmTune	-	-	-	-	-	1800-3000K (_R / _Q)	1800-3000K (_R / _Q)	-
Optics	Spot Medium Flood Flood	Spot Medium Flood Flood	Spot Medium Flood Flood	Spot Medium Flood Flood	Spot Medium Flood Flood	Spot Medium Flood Flood	Spot Medium Flood Flood	Spot Medium Flood Flood
Driver	On/Off 1-10 V DALI	On/Off 1-10 V DALI	On/Off 1-10 V DALI	On/Off 1-10 V DALI	On/Off 1-10 V DALI	On/Off 1-10 V DALI	On/Off 1-10 V DALI	On/Off 1-10 V DALI
	29 mm (_R / _Q) 46 mm (_RY / _QY)	29 mm (_R / _Q) 46 mm (_RY / _QY)	35 mm (_R) 35 mm (_Q)	68 mm (_RJ)	64 mm (_R / _RY) 64 mm (_Q / _QY)	92 mm (_R / _RY _QY) 105 mm (_RJ) 91 mm (_Q)	127 mm (_R) 126 mm (_Q) 128 mm (_RY / _QY)	127 mm



The optics group consists of a polycarbonate lens combined with F.O.L.™ (Filtering Optical Layers) filters: a 5-filter patented system made of polyethylene terephthalate with different levels of opacity to safeguard the clarity of the light beam and it guarantees optimal optical efficiency.

Visual comfort

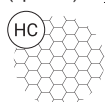
The honeycomb-like filter integrated in the Honeycomb versions allows to shield the source further. The hexagonal microcells forming the grid contribute towards shielding the secondary light beam, thus almost eliminating the glaring altogether.

Frame minimale



LED

Honeycomb
(optional)



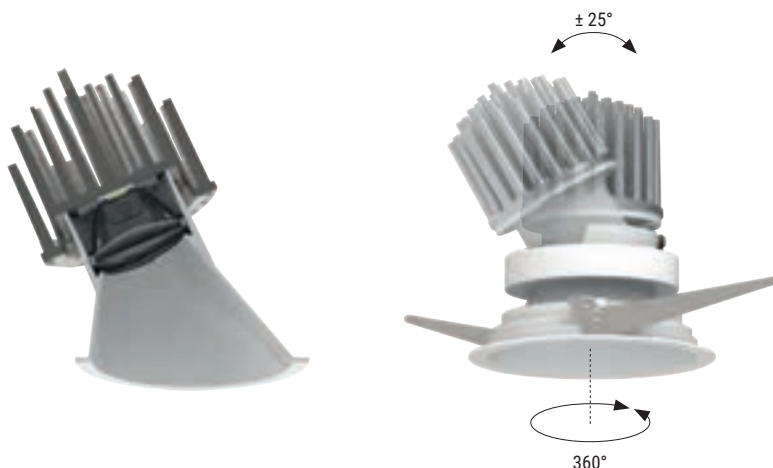
IP44
IP65

Asymmetric version

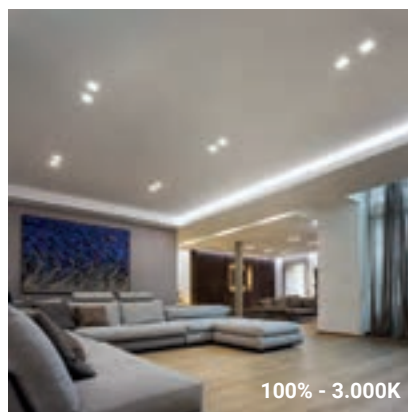
The articles of the Warp_RY and Warp_QY range of products are slanted by 25° and offer an asymmetric emission, ideal for the uniform distribution of light on lateral surfaces. The slanted configuration of the lamp body allows to conceal the light source, thus eliminating direct glaring.

Tilting version

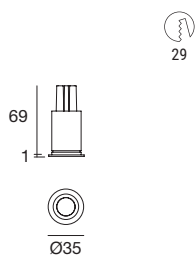
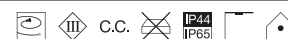
The Warp_RJ range of products come with a 360° mobility on the horizontal axis and a 25° tilt on the vertical axis.



Warm Tune rekindles lovely memories of the incandescence lamps: the light becomes progressively warmer and dimmer as the intensity reduces until reaches the candle effect. The arrayLED source used offers a high chromatic rendering index (CRI 92): the same features are also observable both when the lamp is set at maximum intensity, with a 3000 K colour temperature, and when it is regulated at minimum, with a 1800 K colour temperature.



Warp_R | Downlight | powerLED 2 W 630 mA



Balance - CRI 92

White	90542	2700 K	157 lm	M	Spot	15
Black	90543	3000 K	179 lm	W	Medium Flood	30
					Flood	60



White	90722
Black	90723

Efficiency - CRI 80

White	90544	2700 K	219 lm	M	Spot	15
Black	90545	3000 K	233 lm	W	Medium Flood	30
		4000 K	249 lm	N	Flood	60



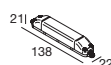
White	90720
Black	90721

RTG **90544W15**
90544W30

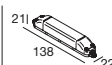


The power supply requires a larger hole than the one indicated for the spotlight

Electronics

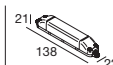


89147
ON/OFF
1 - 2 art.



99710
0/1-10V converter
1 art.

+ driver CV 24V
981

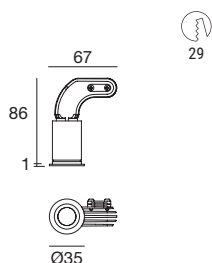
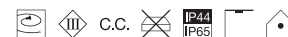


99713
DALI converter
1 art.

+ driver CV 24V
981



Warp_R | Downlight | powerLED 4 W 350 mA



Balance - CRI 92

White	90740	2700 K	395 lm	M	Spot	15
Black	90741	3000 K	423 lm	W	Medium Flood	30
		4000 K	456 lm	N	Flood	60



White	90744
Black	90745

Efficiency - CRI 80

White	90546	2700 K	490 lm	M	Spot	15
Black	90547	3000 K	490 lm	W	Medium Flood	30
		4000 K	529 lm	N	Flood	60

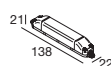


White	90742
Black	90743

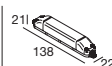


The power supply requires a larger hole than the one indicated for the spotlight

Electronics

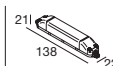


89145
ON/OFF
1 art.



99708
0/1-10V converter
1 art.

+ driver CV 24V
981

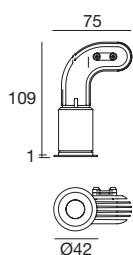
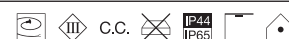


99711
DALI converter
1 art.

+ driver CV 24V
981



Warp_R | Downlight | powerLED 6 W 500 mA



35

HC

Balance - CRI 92

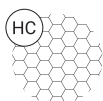
White	90748	2700 K	532 lm	M	Spot	15
Black	90749	3000 K	569 lm	W	Medium Flood	30
		4000 K	614 lm	N	Flood	60
White	90752					
Black	90753					

Efficiency - CRI 80

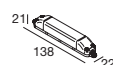
White	90548	2700 K	659 lm	M	Spot	15
Black	90549	3000 K	659 lm	W	Medium Flood	30
		4000 K	711 lm	N	Flood	60
White	90750					
Black	90751					

HC

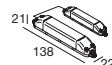
RTG **90548W15**
90548W30



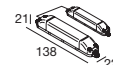
Electronics



99377
ON/OFF
1 art.

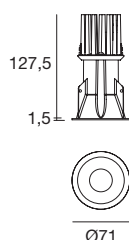


99714
0/1-10V
1 art.



99715
DALI
1 art.

Warp_R | Downlight | powerLED 10 W 800 mA



64

HC

Balance - CRI 92

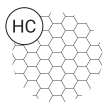
White	90762	2700 K	960 lm	M	Spot	15
Black	90763	3000 K	1034 lm	W	Medium Flood	30
		4000 K	1108 lm	N	Flood	60
White	90766					
Black	90767					

Efficiency - CRI 80

White	90550	2700 K	1108 lm	M	Spot	15
Black	90551	3000 K	1194 lm	W	Medium Flood	30
		4000 K	1280 lm	N	Flood	60
White	90764					
Black	90765					

HC

RTG **90550M30**
90550M60
90550W30
90550W60



Electronics



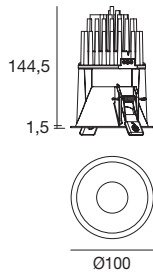
99735
ON/OFF
1 art.



99733
0/1-10V
1 art.



99731
DALI
1 art.



Balance - CRI 92

White	90776	2700 K	1568 lm	M	Spot	15
Black	90777	3000 K	1677 lm	W	Medium Flood	30
		4000 K	1804 lm	N	Flood	60
White	90780					
Black	90781					

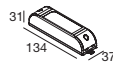


Efficiency - CRI 80

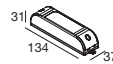
White	90552	2700 K	1932 lm	M	Spot	15
Black	90553	3000 K	1932 lm	W	Medium Flood	30
		4000 K	2078 lm	N	Flood	60
White	90778					
Black	90779					



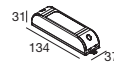
Electronics



99740
ON/OFF
1 art.



99739
0/1-10V
1 art.

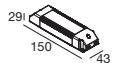


99738
DALI
1 art.



WarmTune

White	81481	WarmTune 1000 lm	S	Spot	15	
Black	81482				Medium Flood	30
					Flood	60



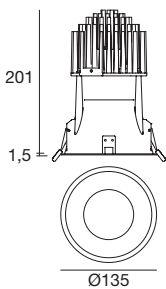
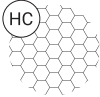
99360
Triac + Igbt
1 art.



99361
0/1-10V
1 art.



99362
DALI
1 art.



Balance - CRI 92

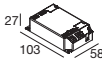
White	90790	2700 K	2598 lm	M	Spot	15
Black	90791	3000 K	2794 lm	W	Medium Flood	30
		4000 K	2990 lm	N	Flood	60
White	90794					
Black	90795					

Efficiency - CRI 80

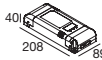
White	90612	2700 K	3210 lm	M	Spot	15
Black	90613	3000 K	3431 lm	W	Medium Flood	30
		4000 K	3431 lm	N	Flood	60
White	90792					
Black	90793					



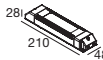
Electronics



99112
ON/OFF
1 art.



99188
0/1-10V DALI
1 art.



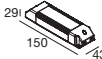
99330
DALI
1 art.



WarmTune

White	91926	WarmTune 2100 lm	S	Spot	15
Black	91927			Medium Flood	30
				Flood	60

Electronics



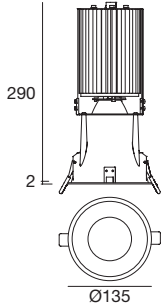
99360
Triac + Igbt
1 art.



99361
1-10V
1 art.



99362
DALI
1 art.



Balance - CRI 92

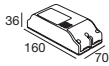
White	81487	2700 K	5033 lm	M	Spot	15
Black	81488	3000 K	5383 lm	W	Medium Flood	30
		4000 K	5784 lm	N	Flood	60
White	81491					
Black	81492					

Efficiency - CRI 80

White	81485	2700 K	6185 lm	M	Spot	15
Black	81486	3000 K	6185 lm	W	Medium Flood	30
		4000 K	6649 lm	N	Flood	60
White	81489					
Black	81490					



Electronics



99092
ON/OFF
1 art.



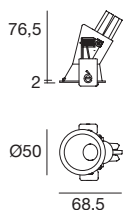
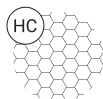
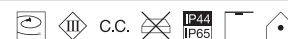
99174
0/1-10V DALI
1 art.



99174
DALI
1 art.



Warp_RY | Downlight | powerLED 2 W 630 mA



Balance - CRI 92

White	90814	2700 K	157 lm	M	Spot	15
Black	90815	3000 K	179 lm	W	Medium Flood	30
					Flood	60



White	90818
Black	90819

Efficiency - CRI 80

White	90812	2700 K	219 lm	M	Spot	15
Black	90813	3000 K	233 lm	W	Medium Flood	30
		4000 K	249 lm	N	Flood	60

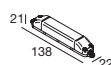


White	90816
Black	90817

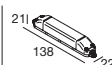


The power supply requires a larger hole than the one indicated for the spotlight

Electronics

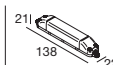


89147
ON/OFF
1 - 2 art.



99710
0/1-10V converter
1 art.

+ driver CV 24V
981

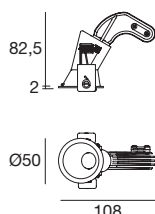
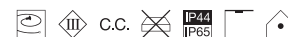


99713
DALI converter
1 art.

+ driver CV 24V
981



Warp_RY | Downlight | powerLED 4 W 350 mA



Balance - CRI 92

White	90830	2700 K	395 lm	M	Spot	15
Black	90831	3000 K	423 lm	W	Medium Flood	30
		4000 K	456 lm	N	Flood	60



White	90834
Black	90835

Efficiency - CRI 80

White	90828	2700 K	490 lm	M	Spot	15
Black	90829	3000 K	490 lm	W	Medium Flood	30
		4000 K	529 lm	N	Flood	60

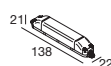


White	90832
Black	90833

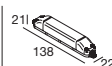


The power supply requires a larger hole than the one indicated for the spotlight

Electronics

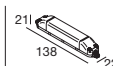


89145
ON/OFF
1 art.



99708
0/1-10V converter
1 art.

+ driver CV 24V
981

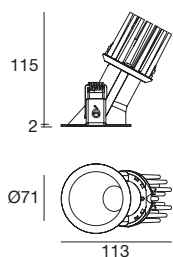
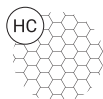


99711
DALI converter
1 art.

+ driver CV 24V
981



Warp_RY | Downlight | powerLED 10 W 800 mA



64

HC

Balance - CRI 92

White	90846	2700 K	1054 lm	M	Spot	15
Black	90847	3000 K	1135 lm	W	Medium Flood	30
		4000 K	1216 lm	N	Flood	60

White **90850**

Black **90851**

Efficiency - CRI 80

White	90844	2700 K	1216 lm	M	Spot	15
Black	90845	3000 K	1310 lm	W	Medium Flood	30
		4000 K	1405 lm	N	Flood	60

White **90848**

Black **90849**

HC

Electronics



99735
ON/OFF
1 art.

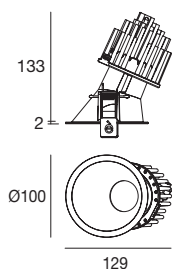
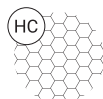


99733
0/1-10V
1 art.



99731
DALI
1 art.

Warp_RY | Downlight | arrayLED 15 W 400 mA



92

HC

Balance - CRI 92

White	90862	2700 K	1568 lm	M	Spot	15
Black	90863	3000 K	1677 lm	W	Medium Flood	30
		4000 K	1804 lm	N	Flood	60

White **90866**

Black **90867**

Efficiency - CRI 80

White	90860	2700 K	1932 lm	M	Spot	15
Black	90861	3000 K	1932 lm	W	Medium Flood	30
		4000 K	2078 lm	N	Flood	60

White **90864**

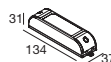
Black **90865**

HC

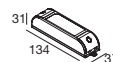
Electronics



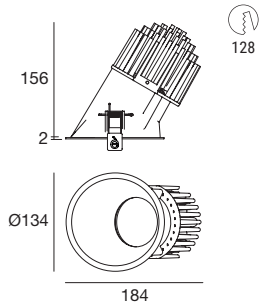
99740
ON/OFF
1 art.



99739
0/1-10V
1 art.



99738
DALI
1 art.



Balance - CRI 92

White	90878
Black	90879
White	90882
Black	90883

2700 K	2598 lm	M
3000 K	2794 lm	W
4000 K	2990 lm	N

Spot	15
Medium Flood	30
Flood	60

Efficiency - CRI 80

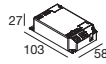
White	90876
Black	90877
White	90880
Black	90881

2700 K	3210 lm	M
3000 K	3341 lm	W
4000 K	3431 lm	N

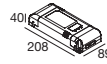
Spot	15
Medium Flood	30
Flood	60



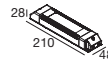
Electronics



99112
ON/OFF
1 art.

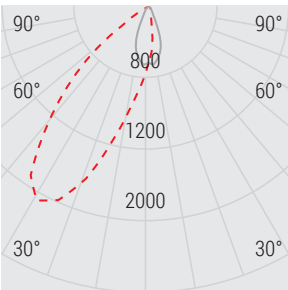


99188
0/1-10V DALI
1 art.

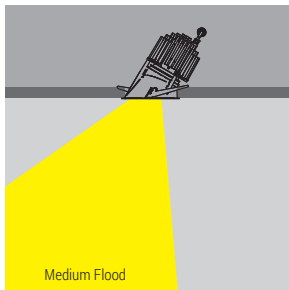


99330
DALI
1 art.

90876W30



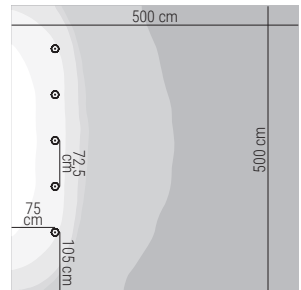
Photometric curve



Light beam

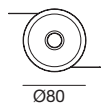
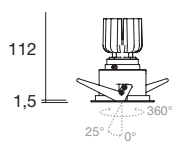


100 LUX 250 LUX 300 LUX 500 LUX 1000 LUX



Floor plan

Warp_RJ | Downlight | powerLED 8 W 700 mA



68

Balance - CRI 92

White	81258	2700 K	689 lm	M	Spot	15
Black	81259	3000 K	738 lm	W	Medium Flood	30
		4000 K	796 lm	N	Flood	60

Efficiency - CRI 80

White	81260	2700 K	854 lm	M	Spot	15
Black	81261	3000 K	854 lm	W	Medium Flood	30
		4000 K	922 lm	N	Flood	60

Electronics



99735
ON/OFF
1 art.

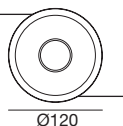
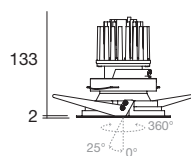


99733
0/1-10V
1 art.



99731
DALI
1 art.

Warp_RJ | Downlight | arrayLED 15 W 400 mA



105

Balance - CRI 92

White	81262	2700 K	1568 lm	M	Spot	15
Black	81263	3000 K	1677 lm	W	Medium Flood	30
		4000 K	1904 lm	N	Flood	60

Efficiency - CRI 80

White	81264	2700 K	1932 lm	M	Spot	15
Black	81265	3000 K	1932 lm	W	Medium Flood	30
		4000 K	2078 lm	N	Flood	60

Electronics



99740
ON/OFF
1 art.

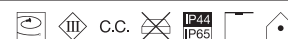


99739
0/1-10V
1 art.



99738
DALI
1 art.

Warp_Q | Downlight | powerLED 2 W 630 mA



Balance - CRI 92

White	90726	2700 K	157 lm	M	Spot	15
Black	90727	3000 K	179 lm	W	Medium Flood	30
					Flood	60



White	90730
Black	90731

Efficiency - CRI 80

White	90724	2700 K	219 lm	M	Spot	15
Black	90725	3000 K	233 lm	W	Medium Flood	30
		4000 K	249 lm	N	Flood	60

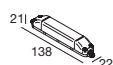


White	90728
Black	90729

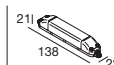


The power supply requires a larger hole than the one indicated for the spotlight

Electronics

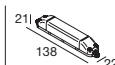


89147
ON/OFF
1 - 2 art.



99710
0/1-10V converter
1 art.

+ driver CV 24V
981

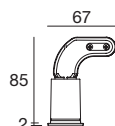


99713
DALI converter
1 art.

+ driver CV 24V
981



Warp_Q | Downlight | powerLED 4 W 350 mA



Balance - CRI 92

White	90734	2700 K	395 lm	M	Spot	15
Black	90735	3000 K	423 lm	W	Medium Flood	30
		4000 K	456 lm	N	Flood	60



White	90738
Black	90739

Efficiency - CRI 80

White	90732	2700 K	490 lm	M	Spot	15
Black	90733	3000 K	490 lm	W	Medium Flood	30
		4000 K	529 lm	N	Flood	60

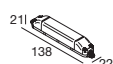


White	90736
Black	90737

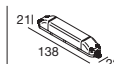


The power supply requires a larger hole than the one indicated for the spotlight

Electronics

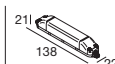


89145
ON/OFF
1 art.



99708
0/1-10V converter
1 art.

+ driver CV 24V
981

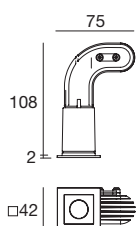
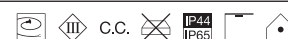


99711
DALI converter
1 art.

+ driver CV 24V
981



Warp_Q | Downlight | powerLED 6 W 500 mA



HC

Balance - CRI 92

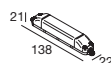
White	90756	2700 K	532 lm	M	Spot	15
Black	90757	3000 K	569 lm	W	Medium Flood	30
		4000 K	614 lm	N	Flood	60
White	90760					
Black	90761					

Efficiency - CRI 80

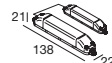
White	90754	2700 K	659 lm	M	Spot	15
Black	90755	3000 K	659 lm	W	Medium Flood	30
		4000 K	711 lm	N	Flood	60
White	90758					
Black	90759					

HC

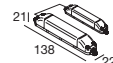
Electronics



99377
ON/OFF
1 art.

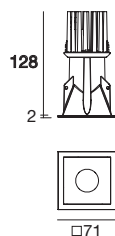


99714
0/1-10V
1 art.



99715
DALI
1 art.

Warp_Q | Downlight | powerLED 10 W 800 mA



HC

Balance - CRI 92

White	90770	2700 K	960 lm	M	Spot	15
Black	90771	3000 K	1034 lm	W	Medium Flood	30
		4000 K	1108 lm	N	Flood	60
White	90774					
Black	90775					

Efficiency - CRI 80

White	90768	2700 K	1108 lm	M	Spot	15
Black	90769	3000 K	1194 lm	W	Medium Flood	30
		4000 K	1280 lm	N	Flood	60
White	90772					
Black	90773					

HC

Electronics



99735
ON/OFF
1 art.

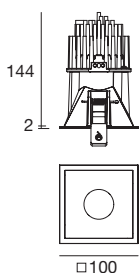


99733
0/1-10V
1 art.



99731
DALI
1 art.

Warp_Q | Downlight | arrayLED 15 W 400 mA



91

HC

Balance - CRI 92

White	90784	2700 K	1568 lm	M	Spot	15
Black	90785	3000 K	1677 lm	W	Medium Flood	30
		4000 K	1804 lm	N	Flood	60
White	90788					
Black	90789					

Efficiency - CRI 80

White	90782	2700 K	1932 lm	M	Spot	15
Black	90783	3000 K	1932 lm	W	Medium Flood	30
		4000 K	2078 lm	N	Flood	60
White	90786					
Black	90787					

HC

Electronics



99740
ON/OFF
1 art.

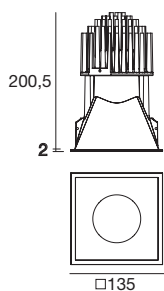


99739
0/1-10V
1 art.



99738
DALI
1 art.

Warp_Q | Downlight | arrayLED 25 W 700 mA



126

HC

Balance - CRI 92

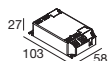
White	90798	2700 K	2598 lm	M	Spot	15
Black	90799	3000 K	2794 lm	W	Medium Flood	30
		4000 K	2990 lm	N	Flood	60
White	90802					
Black	90803					

Efficiency - CRI 80

White	90796	2700 K	3210 lm	M	Spot	15
Black	90797	3000 K	3431 lm	W	Medium Flood	30
		4000 K	3431 lm	N	Flood	60
White	90800					
Black	90801					

HC

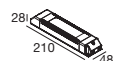
Electronics



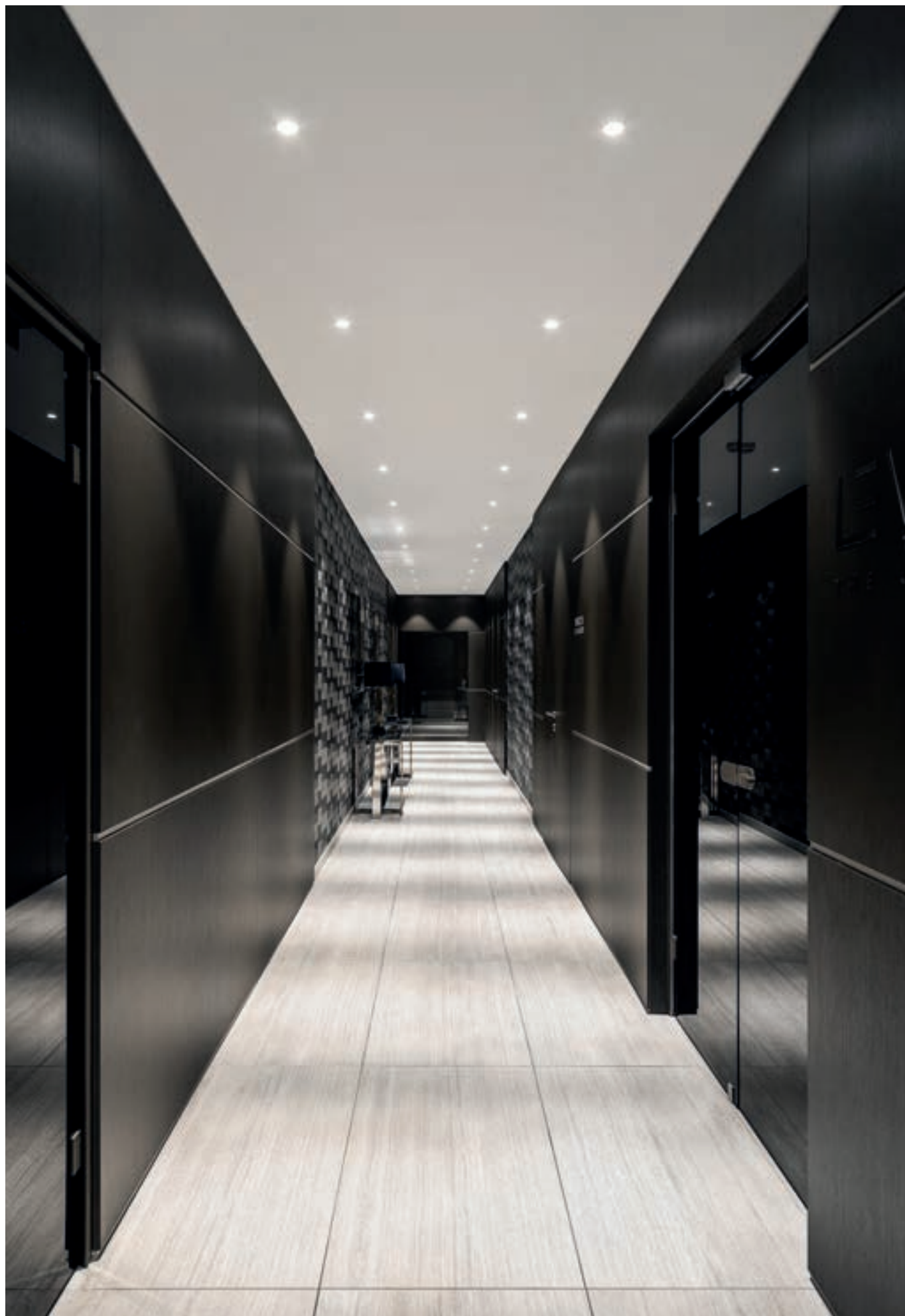
99112
ON/OFF
1 art.



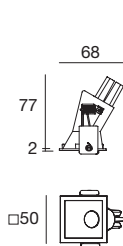
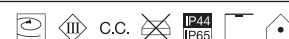
99188
0/1-10V DALI
1 art.



99330
DALI
1 art.



Warp_QY | Downlight | powerLED 2 W 630 mA



Balance - CRI 92

White	90822	2700 K	157 lm	M	Spot	15
Black	90823	3000 K	179 lm	W	Medium Flood	30
					Flood	60



White	90826
Black	90827

Efficiency - CRI 80

White	90820	2700 K	219 lm	M	Spot	15
Black	90821	3000 K	233 lm	W	Medium Flood	30
		4000 K	249 lm	N	Flood	60

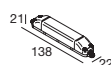


White	90824
Black	90825

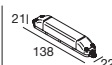


The power supply requires a larger hole than the one indicated for the spotlight

Electronics

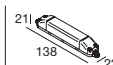


89147
ON/OFF
1 - 2 art.



99710
0/1-10V converter
1 art.

+ driver CV 24V
981

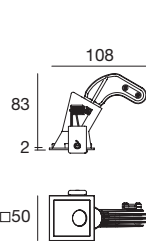


99713
DALI converter
1 art.

+ driver CV 24V
981



Warp_QY | Downlight | powerLED 4 W 350 mA



Balance - CRI 92

White	90838	2700 K	395 lm	M	Spot	15
Black	90839	3000 K	423 lm	W	Medium Flood	30
		4000 K	456 lm	N	Flood	60



White	90842
Black	90843

Efficiency - CRI 80

White	90836	2700 K	490 lm	M	Spot	15
Black	90837	3000 K	490 lm	W	Medium Flood	30
		4000 K	529 lm	N	Flood	60

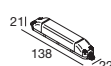


White	90840
Black	90841

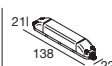


The power supply requires a larger hole than the one indicated for the spotlight

Electronics

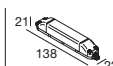


89145
ON/OFF
1 art.



99708
0/1-10V converter
1 art.

+ driver CV 24V
981

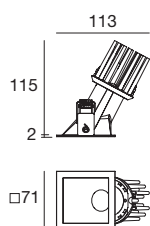
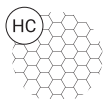


99711
DALI converter
1 art.

+ driver CV 24V
981



Warp_QY | Downlight | powerLED 10 W 800 mA



HC

Balance - CRI 92

White	90854	2700 K	960 lm	M	Spot	15
Black	90855	3000 K	1034 lm	W	Medium Flood	30
		4000 K	1108 lm	N	Flood	60

White	90858
Black	90859

Efficiency - CRI 80

White	90852	2700 K	1108 lm	M	Spot	15
Black	90853	3000 K	1194 lm	W	Medium Flood	30
		4000 K	1280 lm	N	Flood	60

White	90856
Black	90857

HC

Electronics



99735
ON/OFF
1 art.

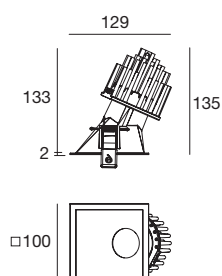
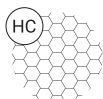


99733
0/1-10V
1 art.



99731
DALI
1 art.

Warp_QY | Downlight | arrayLED 15 W 400 mA



HC

Balance - CRI 92

White	90870	2700 K	1568 lm	M	Spot	15
Black	90871	3000 K	1677 lm	W	Medium Flood	30
		4000 K	1804 lm	N	Flood	60

White	90874
Black	90875

Efficiency - CRI 80

White	90868	2700 K	1932 lm	M	Spot	15
Black	90869	3000 K	1932 lm	W	Medium Flood	30
		4000 K	2078 lm	N	Flood	60

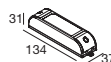
White	90872
Black	90873

HC

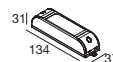
Electronics



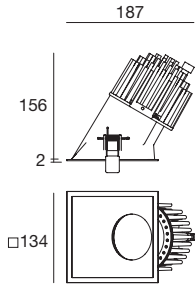
99740
ON/OFF
1 art.



99739
0/1-10V
1 art.



99738
DALI
1 art.



HC

Balance - CRI 92

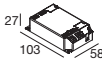
White	90886	2700 K	2598 lm	M	Spot	15
Black	90887	3000 K	2794 lm	W	Medium Flood	30
		4000 K	2990 lm	N	Flood	60
White	90890					
Black	90891					

Efficiency - CRI 80

White	90884	2700 K	3210 lm	M	Spot	15
Black	90885	3000 K	3431 lm	W	Medium Flood	30
		4000 K	3431 lm	N	Flood	60
White	90888					
Black	90889					

HC

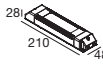
Electronics



99112
ON/OFF
1 art.

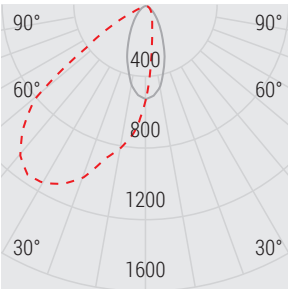


99188
0/1-10V DALI
1 art.

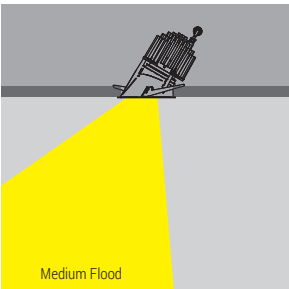


99330
DALI
1 art.

90884W60



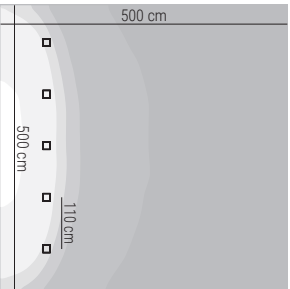
Photometric curve



Light beam



25 LUX 300 LUX 500 LUX 700 LUX 750 LUX 900 LUX 1000 LUX



Floor plan

