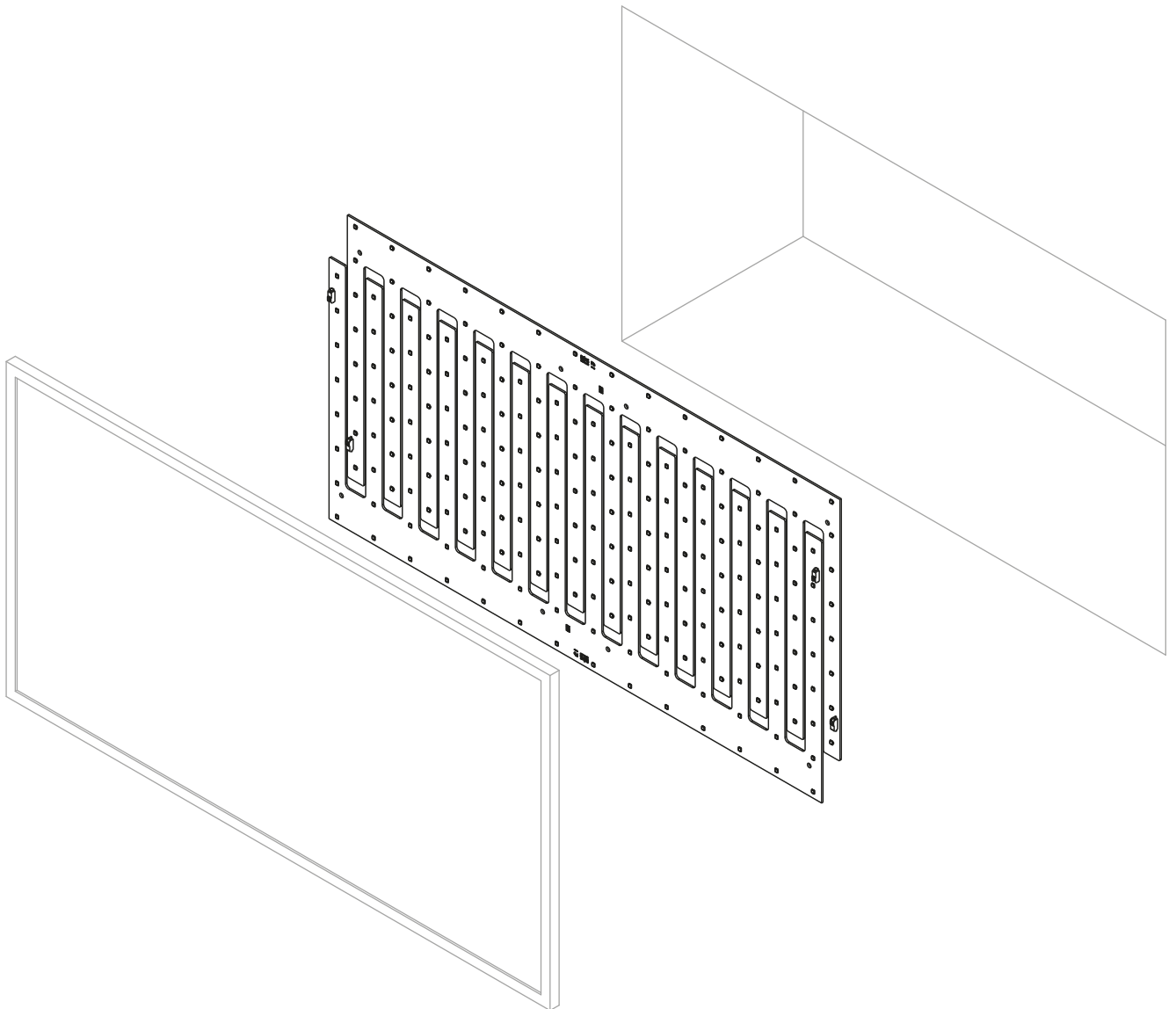


FlatMAX

Low-bay lighting solutions



FlatMAX

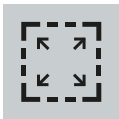
600x600mm finger module, 2x112 LEDs | R4218



Features

- Finger board for 600x600mm fixture;
- Dimension: 543x250mm (single board);
- Up to 8691 lm;
- Up to 196 lm/W;
- CRI 70, 80, 90;
- Max Electrical Insulation 250V;
- Lifetime >60000h @ 350mA.

Applications



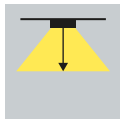
Area



Downlight



Backlight



Low Bay



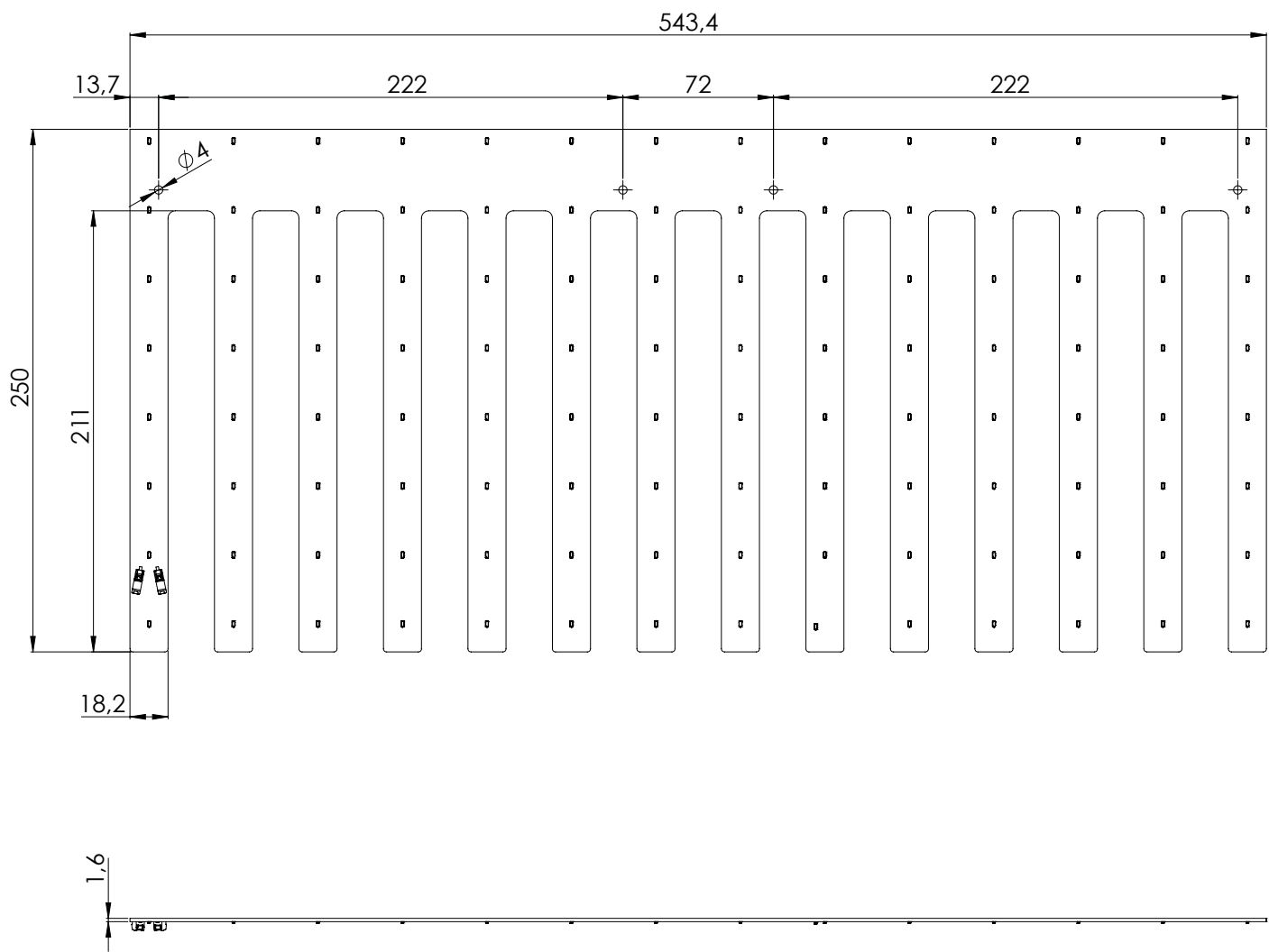
Office

Code	CCT	CRI	Current [mA]	Voltage [V]	Power [W]	Total Lumen [lm]	lm/W	Energy Efficiency
R4218113080	3000K	80	350	48,8	17,08	3136	184	
			700	49,6	34,72	5645	162	
			1050	50,4	52,92	8467	160	
R4218114080	4000K		350	48,8	17,08	3248	190	
			700	49,6	34,72	5768	166	
			1050	50,4	52,92	8579	162	
R4218115080	5000K		350	48,8	17,08	3360	196	
			700	49,6	34,72	5880	169	
			1050	50,4	52,92	8691	164	

FlatMAX

600x600mm finger module, 2x112 LEDs | R4218

Mechanical drawing (single board)



FlatMAX

DATASHEET 

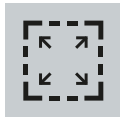
600x600mm finger module, 224+224 LEDs, tunable white | R4428



Features

- Finger board for 600x600mm fixture;
- Dimension: 543x250mm (single board);
- Up to 8782 lm;
- Up to 148 lm/W;
- CRI 70, 80, 90;
- Max Electrical Insulation 250V;
- Lifetime >60000h @ 350mA;
- S14P8 x 2 channel version available (code: R4414).

Applications



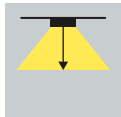
Area



Downlight






Backlight



Low Bay



Office

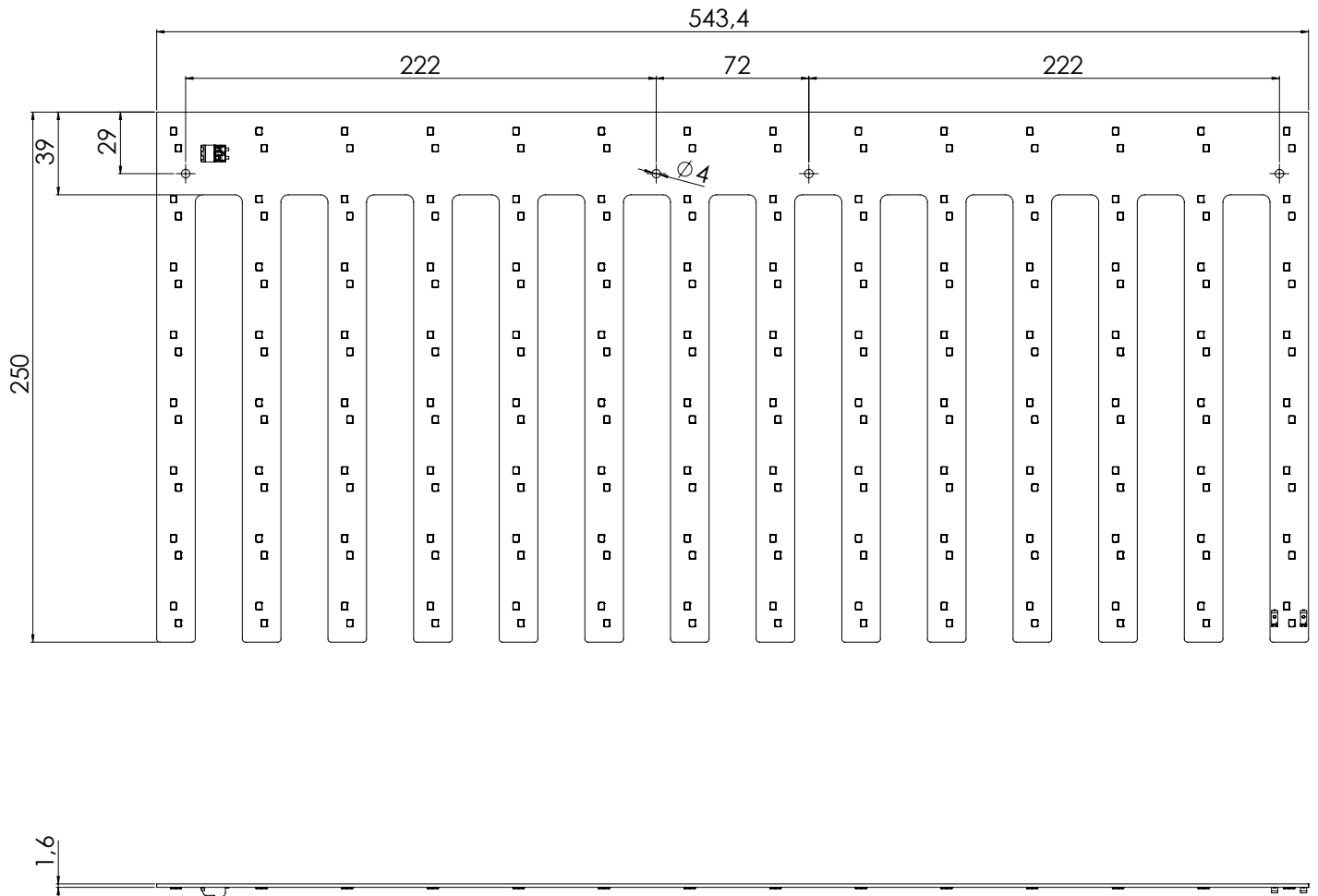
Code	CCT	CRI	Current [mA]	Voltage [V]	Power [W]	Total Lumen [lm]	lm/W	Energy Efficiency
R442811TW80	2700K	80	350	91,6	32,06	4096	128	
	6500K			91,1	31,89	4736	148	
	2700K+6500K			182,5	63,88	8782	137	



FlatMAX

600x600mm finger module, 224+224 LEDs, tunable white | R4428

Mechanical drawing



FlatMAX

Finger LED module for backlighting | R4950

DATASHEET

NEW



Features

- PCB dimension: 510x252mm;
- 64+64 LEDs (6060 type) with 160° batwing lens;
- Up to 2070 lm;
- Up to 142 lm/W;
- CRI 90;
- CV and TW versions available on request;
- Max Electrical Insulation 350V;
- Connection type: Wago 2060;
- Lifetime >60000h @ 65°C L70B50.

Applications



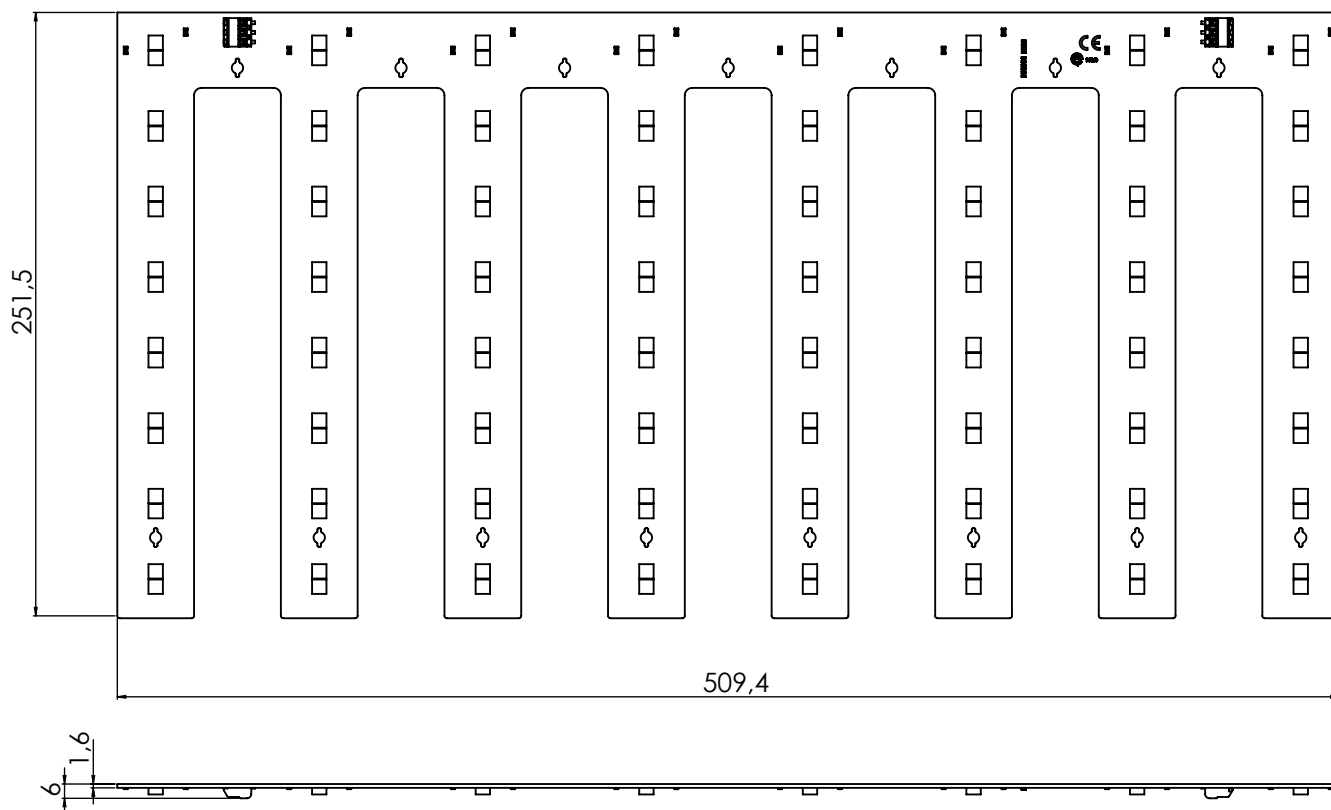
Code	CCT	CRI	Current [mA]	Voltage [V]	Power [W]	Total Lumen [lm]	lm/W	Energy Efficiency
R4950113090	3000K	90	350	21,5	7,5	935	125	
			700	22	15,4	1900	123	
R4950114090	4000K		350	21,5	7,5	1067	142	
			700	22	15,4	2070	134	
R4950116590	6500K		350	21,5	7,5	946	126	
			700	22	15,4	1855	120	



FlatMAX

Finger LED module for backlighting | R4950

Mechanical drawing

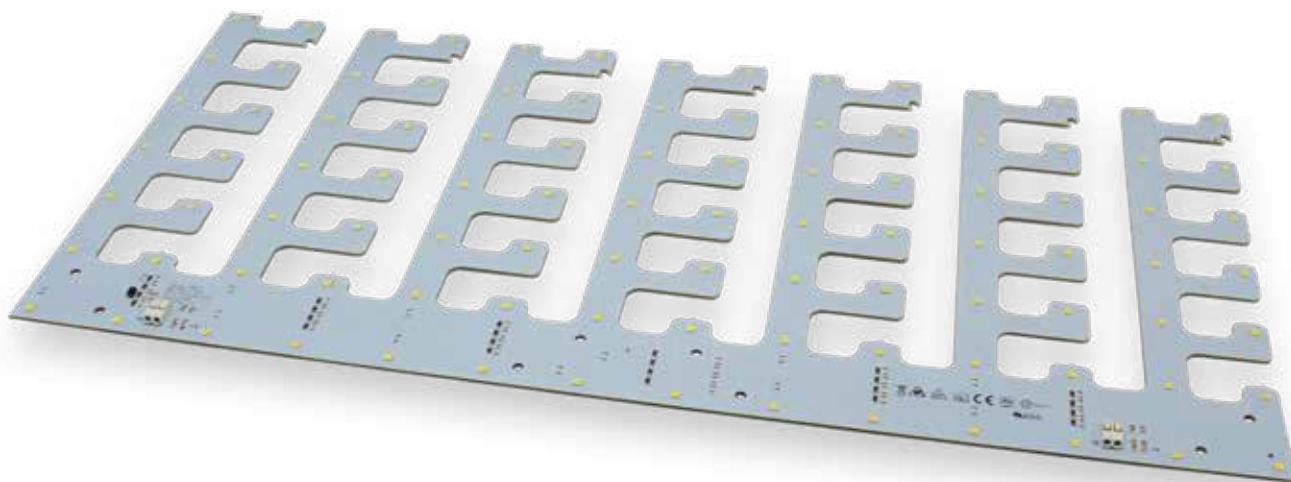


FlatMAX

520x246mm finger module, 98 LEDs | R4A23

DATASHEET

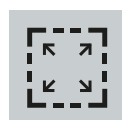
NEW



Features

- PCB dimension: 520x246mm;
- Up to 4922 lm;
- Up to 162 lm/W;
- CRI 80, 90;
- Max Electrical Insulation 420Vdc;
- Max 10 LED boards in series;
- Connection type: Wago 2060 2P;
- Lifetime > 60000h @ 55°C 100mA.

Applications



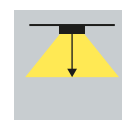
Area



Downlight



Backlight



Low Bay



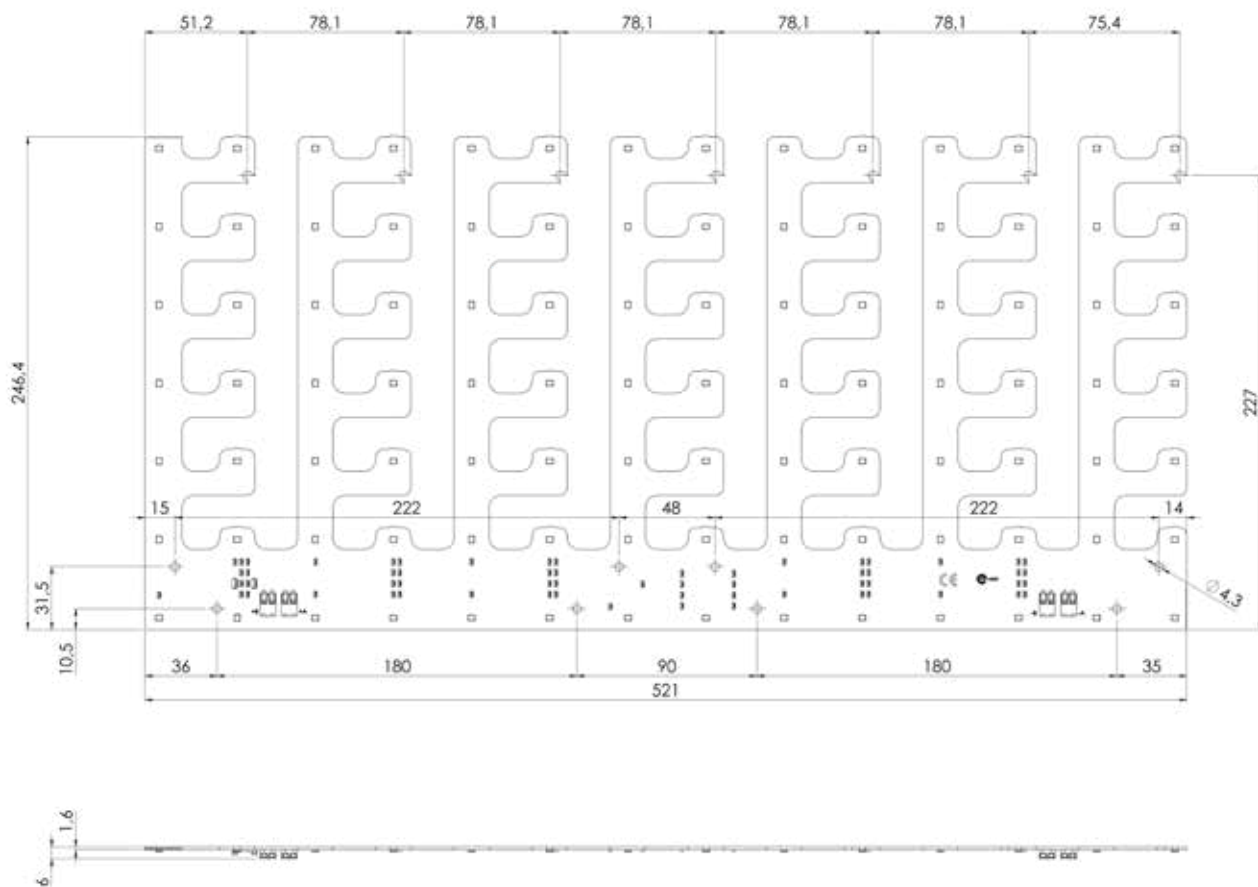
Office

Code	CCT	CRI	Current [mA]	Voltage [V]	Total Lumen [lm]	lm/W	Energy Efficiency
R4A23114080	4000K	80	300	37,9	1850	162	
			350	38,1	2113	159	
			500	38,8	2953	152	
			700	39,5	3971	144	
R4950114090		90	350	38	1821	137	
			500	38,8	2545	132	
			700	39,5	3441	125	
			1050	40,7	4922	115	

FlatMAX

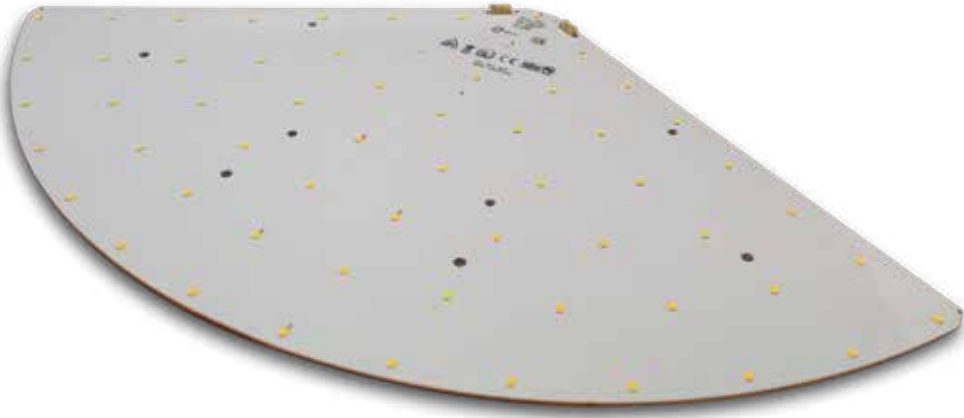
520x246mm finger module, 98 LEDs | R4A23

Mechanical drawing



FlatMAX

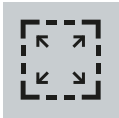
Slice module, 60 mid-power LEDs | R4364



Features

- PCB radius: 283mm;
- Up to 3348 lm;
- Up to 196 lm/W;
- CRI 70, 80, 90;
- Max Electrical Insulation 250V;
- Lifetime >60000h @ 500mA.

Applications



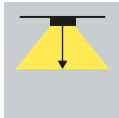
Area



Downlight



Backlight



Low Bay



Office

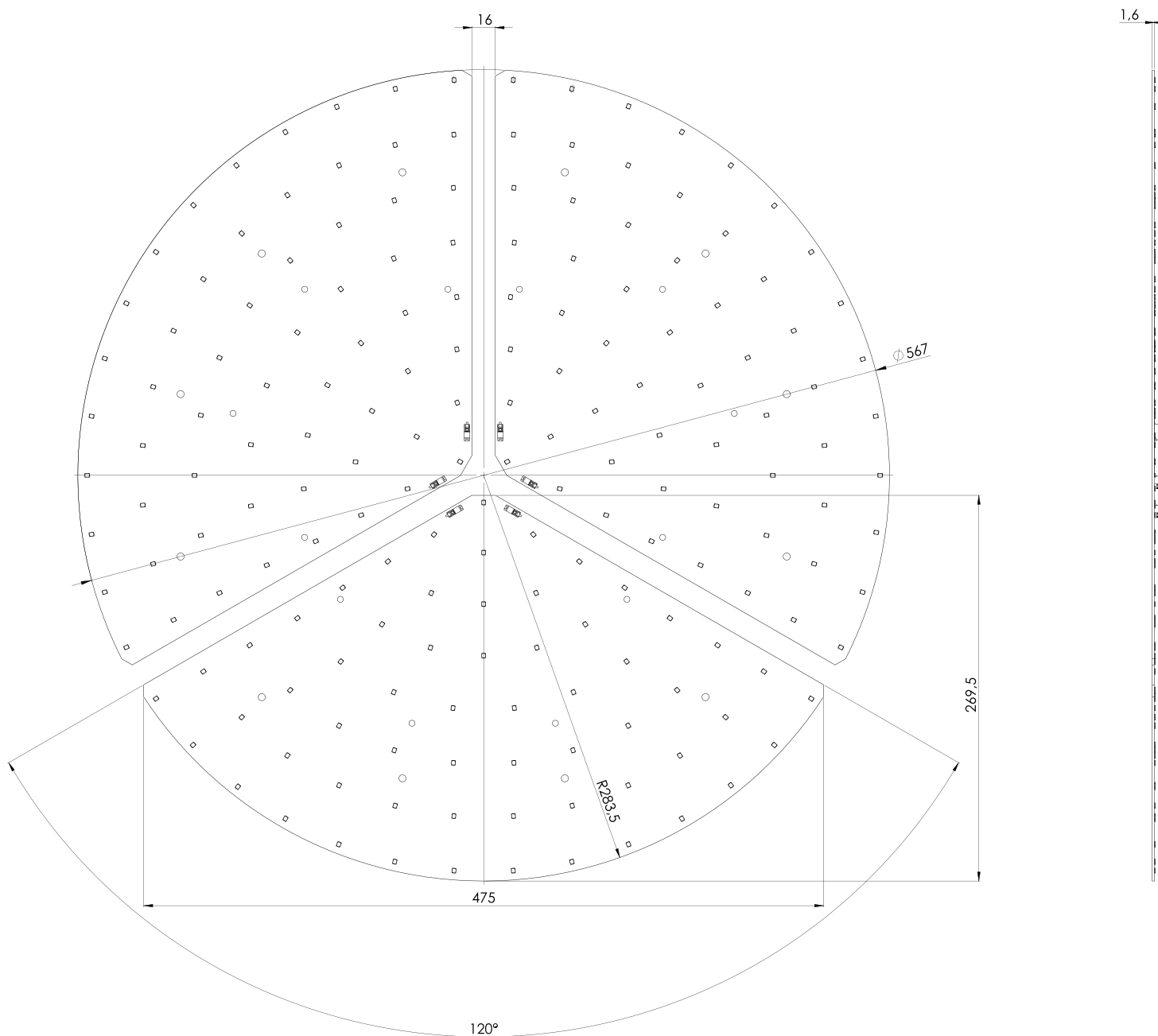
Code	CCT	CRI	Current [mA]	Voltage [V]	Power [W]	Total Lumen [lm]	lm/W	Energy Efficiency
R4364013080	3000K	80	700	17,28	12	2112	175	
			1050	18,06	19	2976	157	
R4364014080	4000K		700	17,28	12	2244	185	
			1050	18,06	19	3162	167	
R4364015080	5000K		700	17,28	12	2376	196	
			1050	18,06	19	3348	177	



FlatMAX

Slice module, 60 mid-power LEDs | R4364

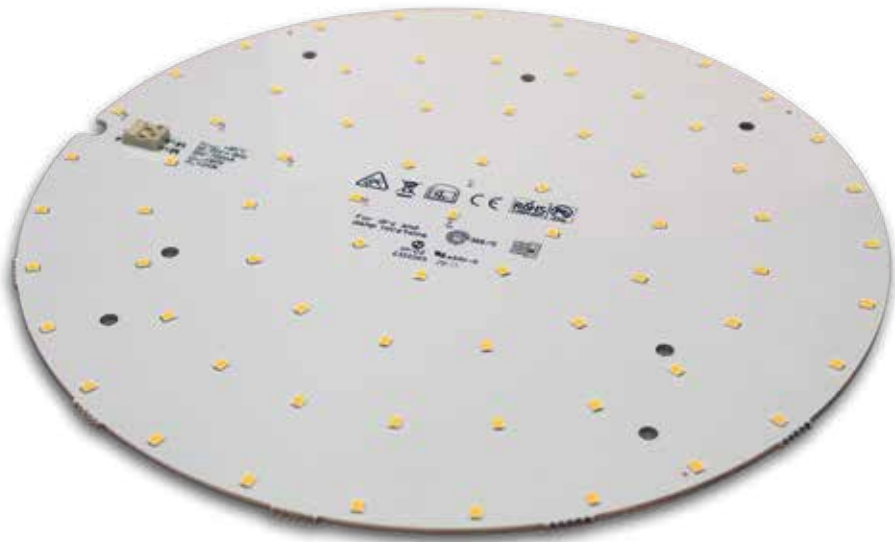
Mechanical drawing



FlatMAX

Round module, 72 mid-power LEDs | R4366

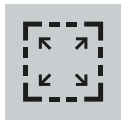
DATASHEET 



Features

- PCB diameter: 237mm;
- Up to 4406 lm;
- Up to 177 lm/W;
- CRI 70, 80, 90;
- Max Electrical Insulation 250V;
- Lifetime >60000h @ 500mA.

Applications



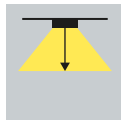
Area



Downlight



Backlight



Low Bay



Office

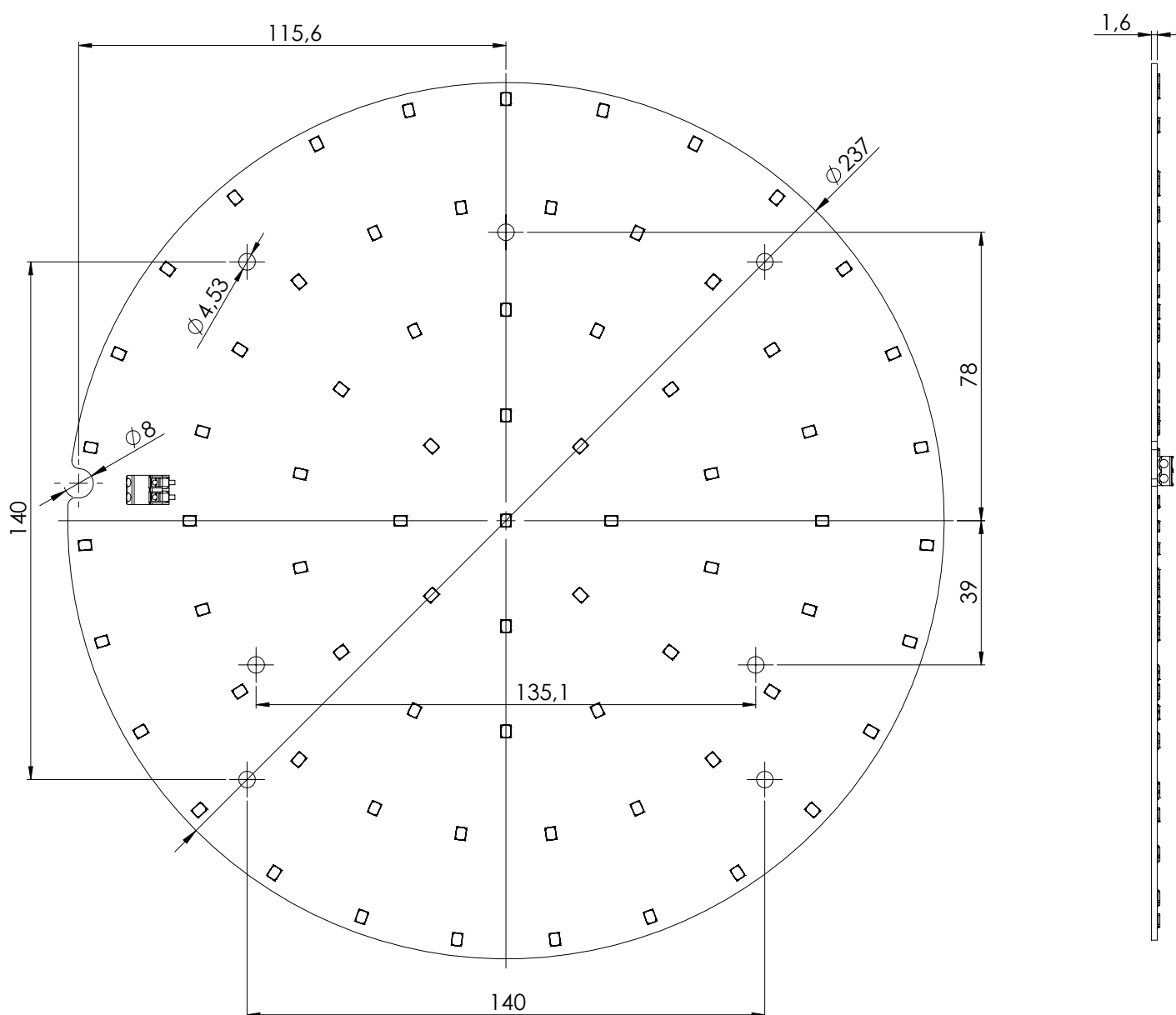
Code	CCT	CRI	Current [mA]	Voltage [V]	Power [W]	Total Lumen [lm]	lm/W	Energy Efficiency
R4366013080	3000K	80	350	33,54	11,74	1843	157	<div><div></div>D<div>A↑G</div></div>
			700	36,24	25,37	3917	155	<div><div></div>D<div>A↑G</div></div>
R4366014080	4000K		350	33,54	11,74	1958	167	<div><div></div>D<div>A↑G</div></div>
			700	36,24	25,37	4162	164	<div><div></div>D<div>A↑G</div></div>
R4366015080	5000K		350	33,54	11,74	2074	177	<div><div></div>C<div>A↑G</div></div>
			700	36,24	25,37	4406	174	<div><div></div>C<div>A↑G</div></div>



FlatMAX

Round module, 72 mid-power LEDs | R4366

Mechanical drawing



FlatMAX

Round module, 60 mid-power LEDs | R4413

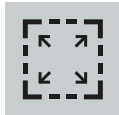
DATASHEET



Features

- PCB diameter: 145mm;
- Up to 3672 lm;
- Up to 181 lm/W;
- CRI 70, 80, 90;
- Max Electrical Insulation 250V;
- Lifetime >60000h @ 500mA.

Applications



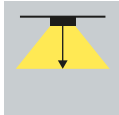
Area



Downlight



Backlight



Low Bay



Office

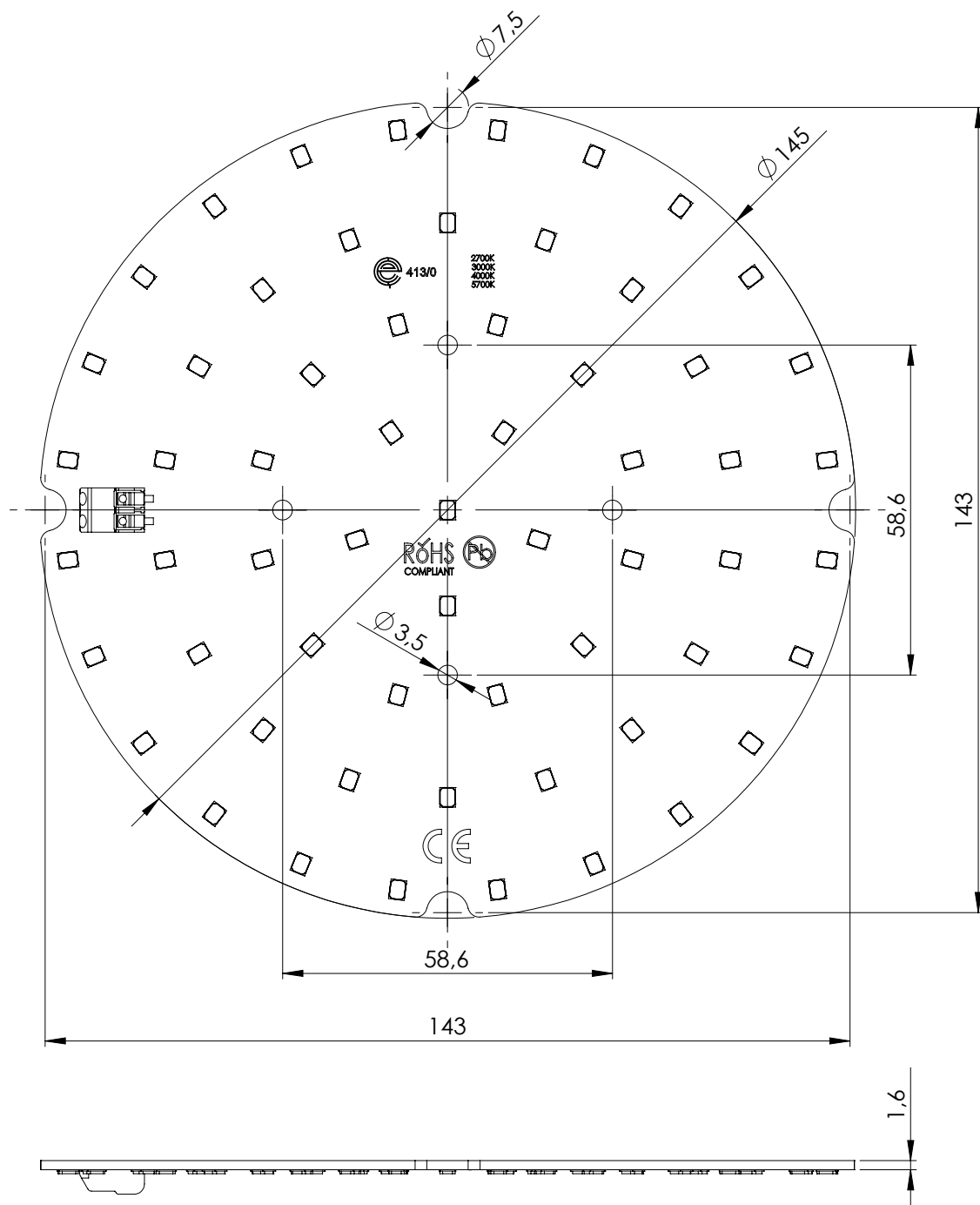
Code	CCT	CRI	Current [mA]	Voltage [V]	Power [W]	Total Lumen [lm]	lm/W	Energy Efficiency
R4413013080	3000K	80	350	27,95	9,57	1536	161	
			700	30,22	21,15	3264	154	
R4413014080	4000K		350	27,95	9,57	1632	171	
			700	30,22	21,15	3468	164	
R4413015080	5000K		350	27,95	9,57	1728	181	
			700	30,22	21,15	3672	174	



FlatMAX

Round module, 60 mid-power LEDs | R4413

Mechanical drawing



FlatMAX

50mm module, 32 LEDs, 24Vdc | R4884

DATASHEET

NEW



Features

- PCB diameter: 50mm;
- Up to 1497 lm;
- Up to 178 lm/W;
- CRI 80, 90;
- Max Electrical Insulation 250V;
- Connection type: AVX 70-9296;
- Lifetime >72000h @ 55°C 240mA;
- CC version available on request.

Applications



Indoor



Commercial



Decorative



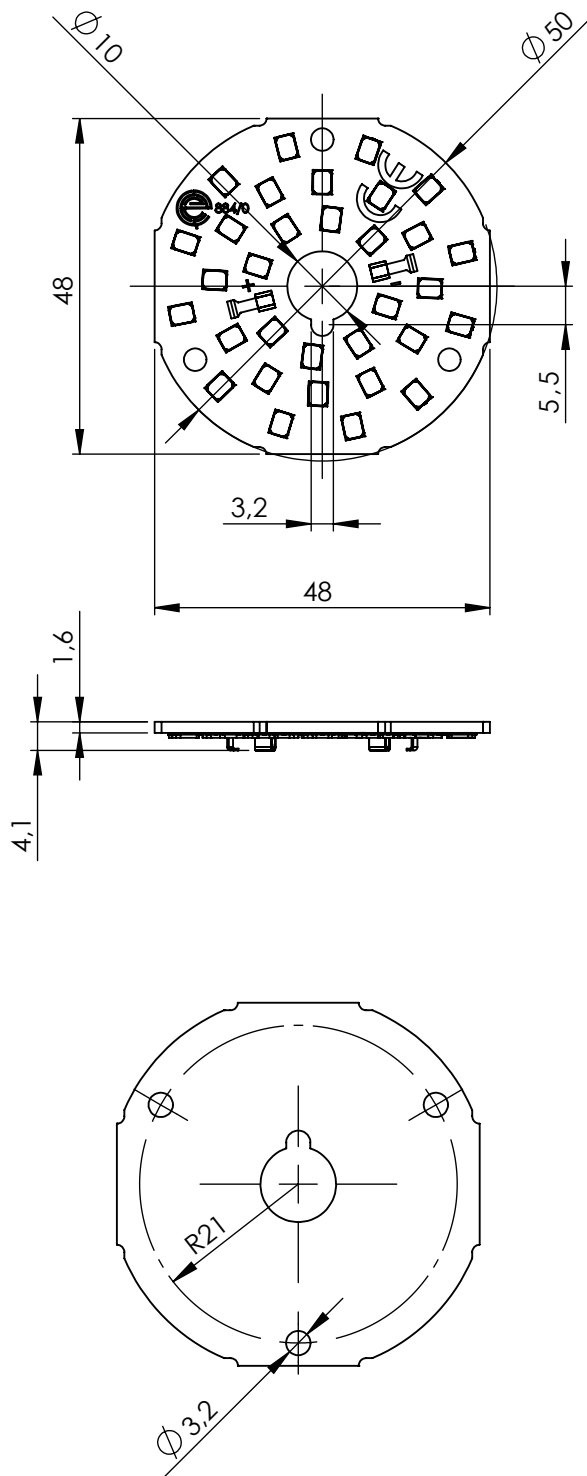
Architectural

Code	CCT	CRI	Current [mA]	Voltage [V]	Power [W]	Total Lumen [lm]	lm/W	Energy Efficiency
R4884013080	3000K	80	350	24	8,4	1420	169	
R4884014080	4000K					1497	178	
R4884015080	5000K					1497	178	
R4884013090	3000K	90				1200	143	
R4884014090	4000K					1261	150	
R4884015090	5000K					1261	150	

FlatMAX

50mm module, 32 LEDs, 24Vdc | R4884

Mechanical drawing



FlatMAX

90mm module, 32 LEDs | R4982

DATASHEET

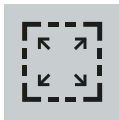
NEW



Features

- PCB diameter: 90mm;
- Up to 2312 lm;
- Up to 171 lm/W;
- CRI 80, 90, 98;
- Connection type: ADELS 0.2-0.75mm;
- Lifetime > 60000h @ 700mA;
- 24V CV version available on request.

Applications



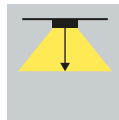
Area



Downlight



Backlight



Low Bay



Office

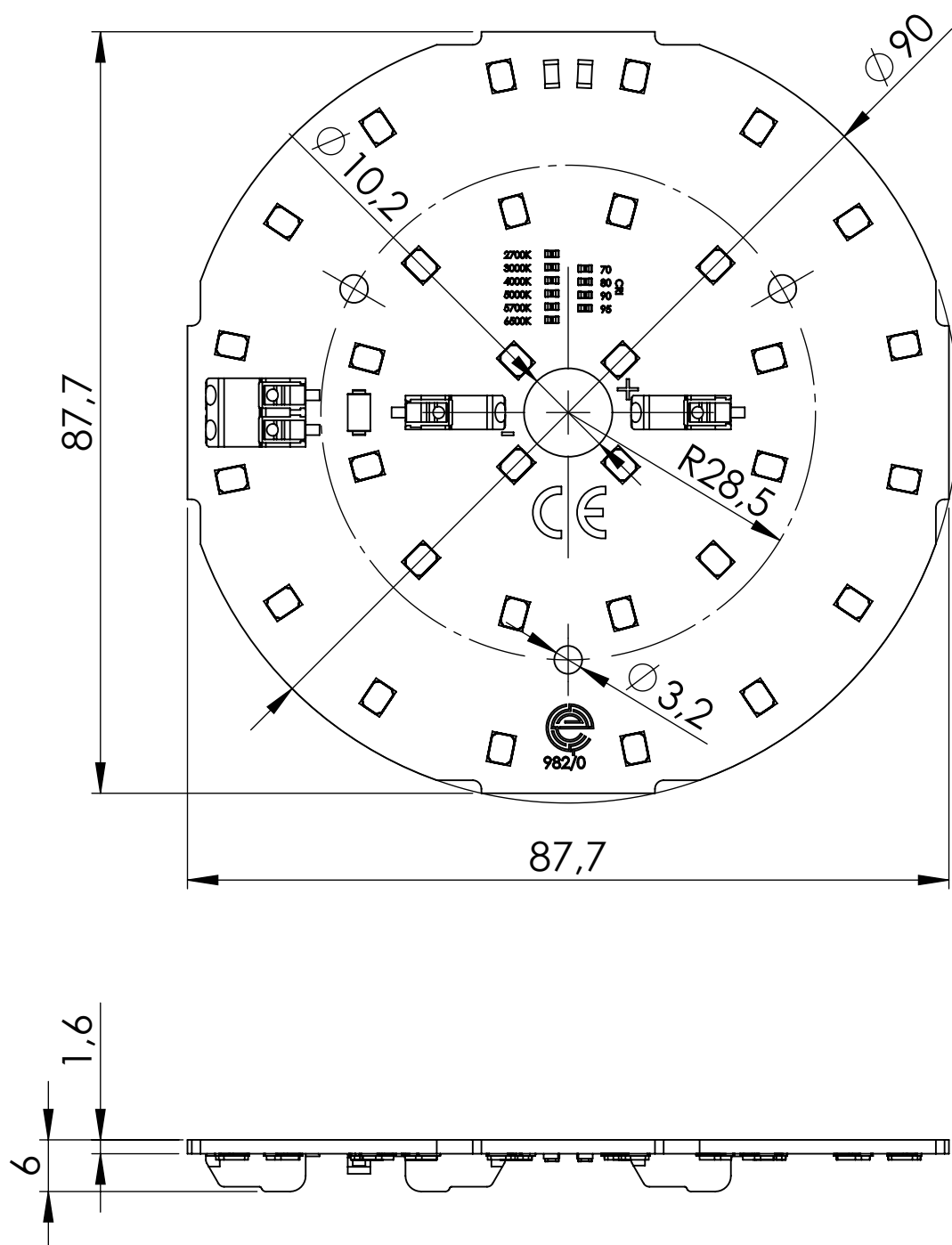
Code	CCT	CRI	Current [mA]	Voltage [V]	Power [W]	Total Lumen [lm]	lm/W	Energy Efficiency
R2982013080	3000K	80	350	22,5	7,9	1347	171	<div><div>D</div><div>A ↑ G</div></div>
			700	23,9	16,7	2217	133	<div><div>E</div><div>A ↑ G</div></div>
R4982014080	4000K		350	22,5	7,9	1261	160	<div><div>D</div><div>A ↑ G</div></div>
			700	23,9	16,7	2312	138	<div><div>E</div><div>A ↑ G</div></div>
R4982015080	5000K		350	22,5	7,9	1261	160	<div><div>D</div><div>A ↑ G</div></div>
			700	23,9	16,7	2312	138	<div><div>E</div><div>A ↑ G</div></div>



FlatMAX

90mm module, 32 LEDs | R4982

Mechanical drawing



FlatMAX

120mm module, 65 LEDs | R4981

DATASHEET

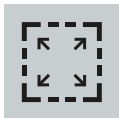
NEW



Features

- PCB diameter: 120mm;
- Up to 4472 lm;
- Up to 177 lm/W;
- CRI 80, 90 98;
- Connection type: Wago 2059;
- Lifetime > 60000h @ 700mA;
- 24V CV version available on request.

Applications



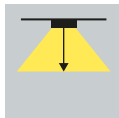
Area



Downlight



Backlight



Low Bay



Office

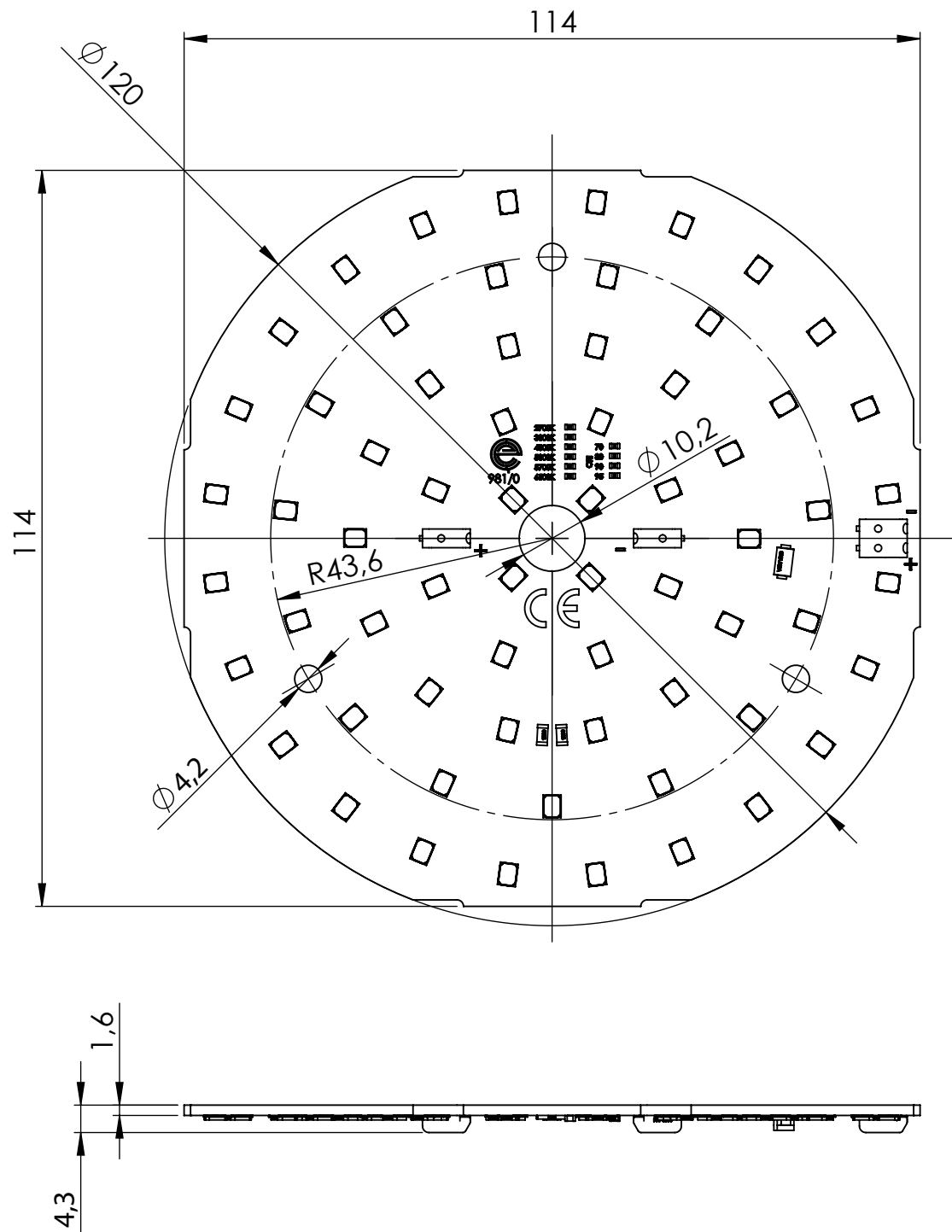
Code	CCT	CRI	Current [mA]	Voltage [V]	Power [W]	Total Lumen [lm]	lm/W	Energy Efficiency
R4981013080	3000K	80	350	36,2	12,6	2093	166	
			700	37,7	26,4	4186	158	
R4981014080	4000K		350	36,2	12,6	2234	177	
			700	37,7	26,4	4472	169	
R4981015080	5000K		350	36,2	12,6	2184	173	
			700	37,7	26,4	4369	165	



FlatMAX

120mm module, 65 LEDs | R4981

Mechanical drawing



FlatMAX

Circle ring module, 210 LEDs | R4465

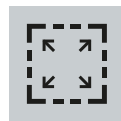
DATASHEET



Features

- PCB dimension:
 - 247mm Ext. Diam.
 - 207mm Int. Diam.
- Up to 3610 lm;
- Up to 192 lm/W;
- CRI 70, 80, 90;
- Max Electrical Insulation 150V;
- Lifetime > Q80(6K) > 60000h @ 61mA.

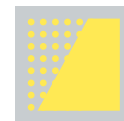
Applications



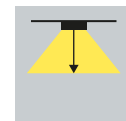
Area



Downlight



Backlight



Low Bay



Office

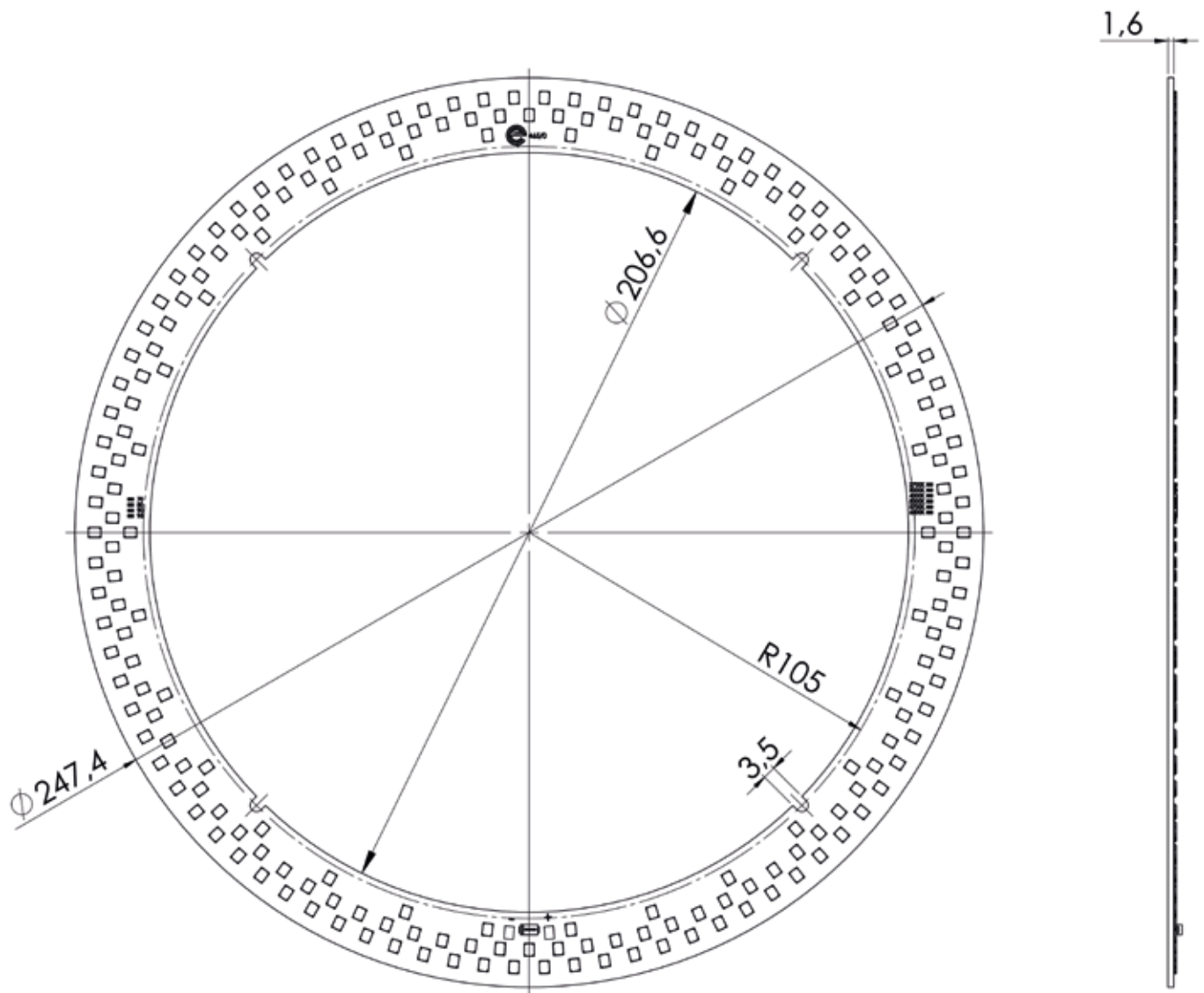
Code	CCT	CRI	Current [mA]	Voltage [V]	Power [W]	Total Lumen [lm]	lm/W	Energy Efficiency	
R4465213080	3000K	80	500	26,9	13,4	2461	184		
			700	27,1	19	3462	182		
R4465214080	4000K		500	26,9	13,4	2566	192		
			700	27,1	19	3610	190		
R4465125080	5000K		500	26,9	13,4	2566	192		
			700	27,1	19	3610	190		



FlatMAX

Circle ring module, 210 LEDs | R4465

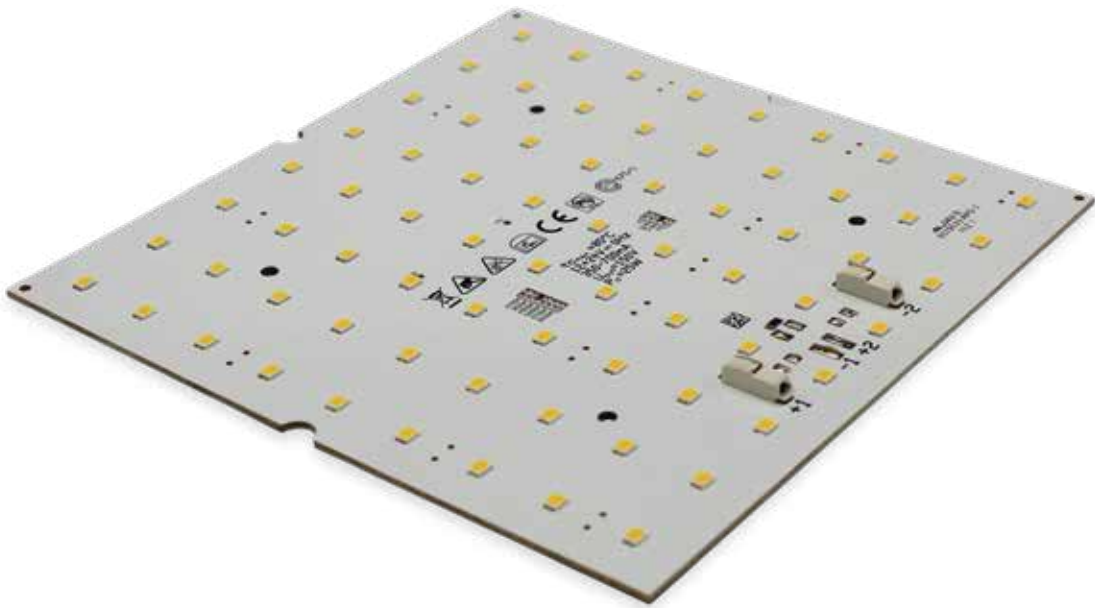
Mechanical drawing



FlatMAX

Square LED module, 145x145mm, 72 LEDs | R4675

DATASHEET



Features

- PCB dimension: 145x145mm;
- Up to 2498 lm;
- Up to 148 lm/W;
- CRI 80, 90;
- Max Electrical Insulation 150V;
- Max 6 LED boards in series;
- NTC available on request;
- Connection type: Wago 2060-451/998-404;
- Lifetime >60000h @ 500mA;
- TW version available on request.

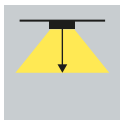
Applications



Indoor



Downlight



Low Bay



Office

Code	CCT	CRI	Current [mA]	Voltage [V]	Power [W]	Total Lumen [lm]	lm/W	Energy Efficiency
R4675013090	3000K	90	500	33,7	16,85	2383	141	
R4675014090	4000K			33,7	16,85	2498	148	



FlatMAX

Square LED module, 145x145mm, 72 LEDs | R4675

Mechanical drawing

