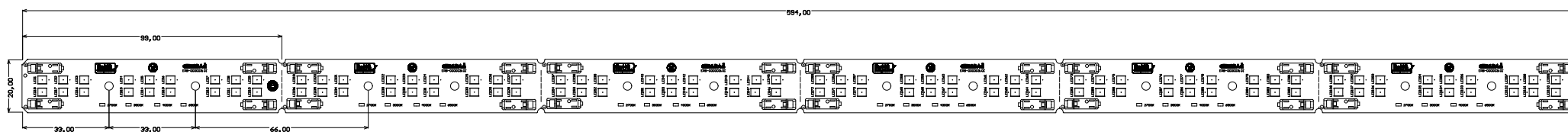


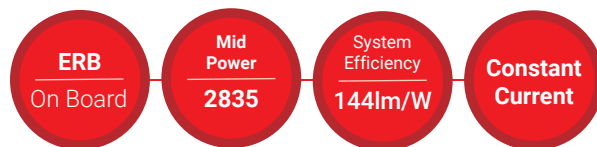
Technical Data

Viewing angle	120°
Ambient temperature (Ta)	-40°...+60°C
Tp rated	+65°C
Tc	+85°C
Thermal Resistance	25 °C/W
Warranty	3 Years



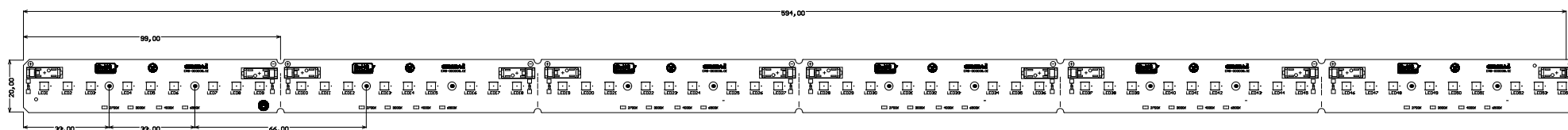
Production Code	LED Quantity	Vf	If	Consumption (W)	Color CCT (Kelvin)	Luminous Flux (lm) TP : 25°C	Efficacy of the Module	PCB Material	Color Tolerance	Color Rendering Index (CRI)
ERB-000003	108 LED	55.8 V	350 mA	19.5 W	2700K	2650 lm	136 lm / W	CEM1	MacAdam 3	>80
					3000K	2750 lm	141 lm / W			
					4000K	2900 lm	148 lm / W			
					6500K	2900 lm	148 lm / W			

Pasion Series

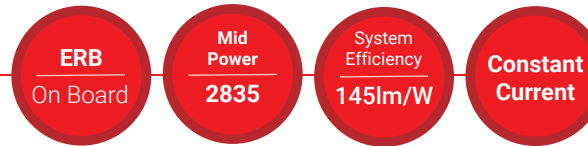


Technical Data

Viewing angle	120°
Ambient temperature (Ta)	-40°...+60°C
Tp rated	+65°C
Tc	+85°C
Thermal Resistance	25 °C/W
Warranty	3 Years



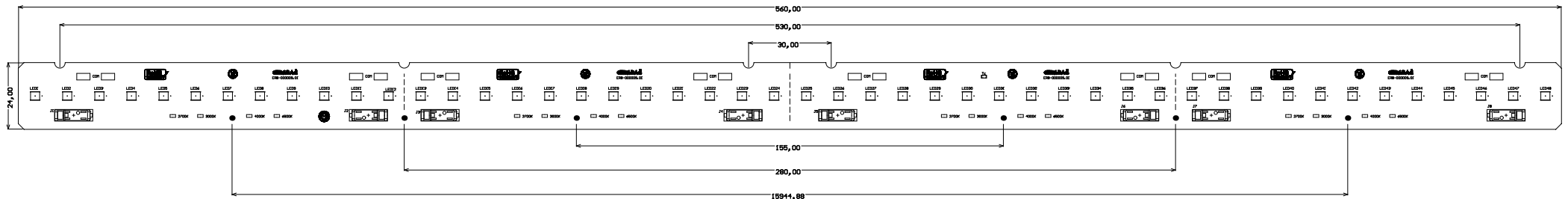
Production Code	LED Quantity	Vf	If	Consumption (W)	Color CCT (Kelvin)	Luminous Flux (lm) TP : 25°C	Efficacy of the Module	PCB Material	Color Tolerance	Color Rendering Index (CRI)
ERB-000008	54 LED	55.8 V	350 mA	19.5 W	2700K	2580 lm	132 lm / W	CEM1	MacAdam 3	>80
					3000K	2700 lm	138 lm / W			
					4000K	2800 lm	144 lm / W			
					6500K	2800 lm	144 lm / W			



Pasion Series

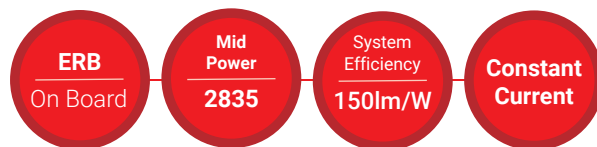
Technical Data

Viewing angle	120°
Ambient temperature (Ta)	-40°...+60°C
Tp rated	+65°C
Tc	+85°C
Thermal Resistance	25 °C/W
Warranty	3 Years



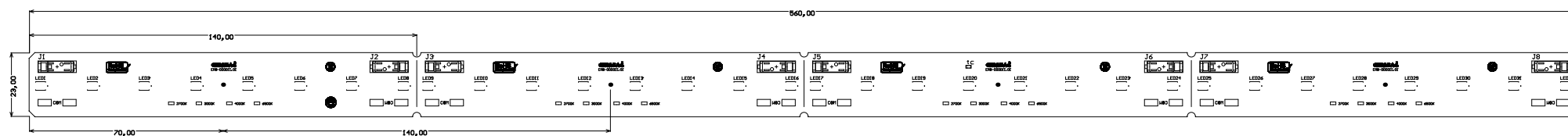
Production Code	LED Quantity	Vf	If	Consumption (W)	Color CCT (Kelvin)	Luminous Flux (lm) TP : 25°C	Efficacy of the Module	PCB Material	Color Tolerance	Color Rendering Index (CRI)
ERB-000009	48 LED	48.6 V	350 mA	17 W	2700K	2250 lm	132 lm / W	CEM1	MacAdam 3	>80
					3000K	2350 lm	137 lm / W			
					4000K	2450 lm	145 lm / W			
					6500K	2450 lm	145 lm / W			

Pasion Series



Technical Data

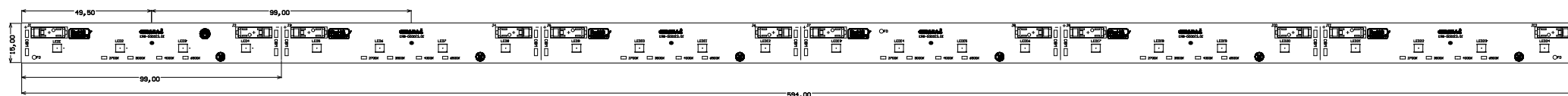
Viewing angle	120°
Ambient temperature (Ta)	-40°...+60°C
Tp rated	+65°C
Tc	+85°C
Thermal Resistance	25 °C/W
Warranty	3 Years



Production Code	LED Quantity	Vf	If	Consumption (W)	Color CCT (Kelvin)	Luminous Flux (lm) TP : 25°C	Efficacy of the Module	PCB Material	Color Tolerance	Color Rendering Index (CRI)
ERB-000011	32 LED	47.6 V	350 mA	16.6 W	2700K	2300 lm	138 lm / W	FR4	MacAdam 3	>80
					3000K	2400 lm	144 lm / W			
					4000K	2500 lm	150 lm / W			
					6500K	2500 lm	150 lm / W			

Technical Data

Viewing angle	120°
Ambient temperature (Ta)	-40°...+60°C
TP rated	+65°C
Tc	+85°C
Thermal Resistance	25 °C/W
Warranty	3 Years



Production Code	LED Quantity	Vf	If	Consumption (W)	Color CCT (Kelvin)	Luminous Flux (lm) TP : 25°C	Efficacy of the Module	PCB Material	Color Tolerance	Color Rendering Index (CRI)
ERB-000012	24 LED	18.5 V	350 mA	6.5 W	2700K	900 lm	138 lm / W	CEM1	MacAdam 3	>80
					3000K	940 lm	144 lm / W			
					4000K	980 lm	150 lm / W			
					6500K	980 lm	150 lm / W			

Pasion Series

ERB
On Board

Mid
Power
2835

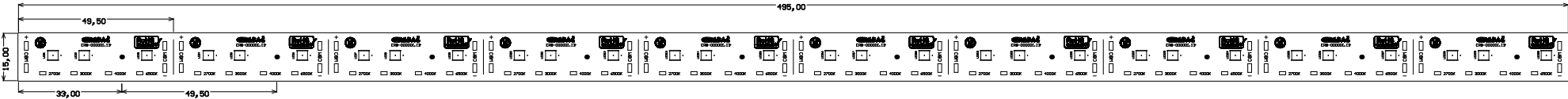
System
Efficiency
144lm/W

Constant
Current



Technical Data

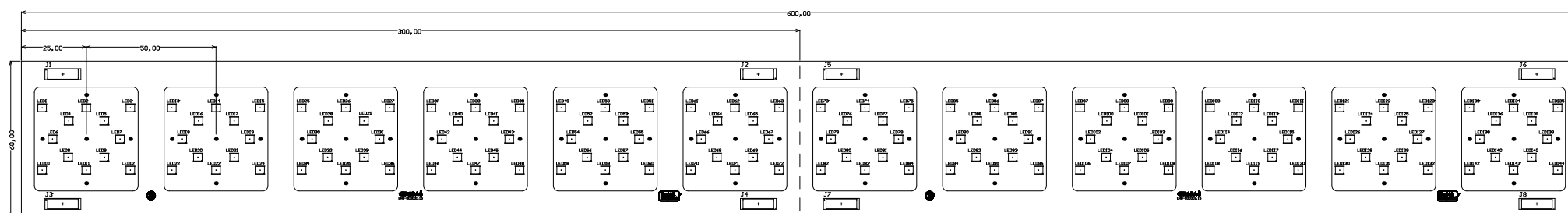
Viewing angle	120°
Ambient temperature (Ta)	-40°...+60°C
Tp rated	+65°C
Tc	+85°C
Thermal Resistance	25 °C/W
Warranty	3 Years



Production Code	LED Quantity	Vf	If	Consumption (W)	Color CCT (Kelvin)	Luminous Flux (lm) TP : 25°C	Efficacy of the Module	PCB Material	Color Tolerance	Color Rendering Index (CRI)
ERB-000013	30 LED	30.5 V	350 mA	10.7 W	2700K	1420 lm	132 lm / W	CEM1	MacAdam 3	>80
					3000K	1480 lm	138 lm / W			
					4000K	1550 lm	144 lm / W			
					6500K	1550 lm	144 lm / W			

Technical Data

Viewing angle	120°
Ambient temperature (Ta)	-40°...+60°C
Tp rated	+65°C
Tc	+85°C
Thermal Resistance	25 °C/W
Warranty	3 Years



Production Code	LED Quantity	Vf	If	Consumption (W)	Color CCT (Kelvin)	Luminous Flux (lm) TP : 25°C	Efficacy of the Module	PCB Material	Color Tolerance	Color Rendering Index (CRI)
ERB-000015	144 LED	71.5 V	350 mA	25 W	2700K	3500 lm	140 lm / W	CEM1	MacAdam 3	>80
					3000K	3650 lm	146 lm / W			
					4000K	3800 lm	152 lm / W			
					6500K	3800 lm	152 lm / W			
		73.2 V	500 mA	36.6 W	2700K	5050 lm	138 lm / W			
					3000K	5270 lm	144 lm / W			
					4000K	5500 lm	150 lm / W			
					6500K	5500 lm	150 lm / W			

Reflect Series

ERB
On Board

Mid Power
2835

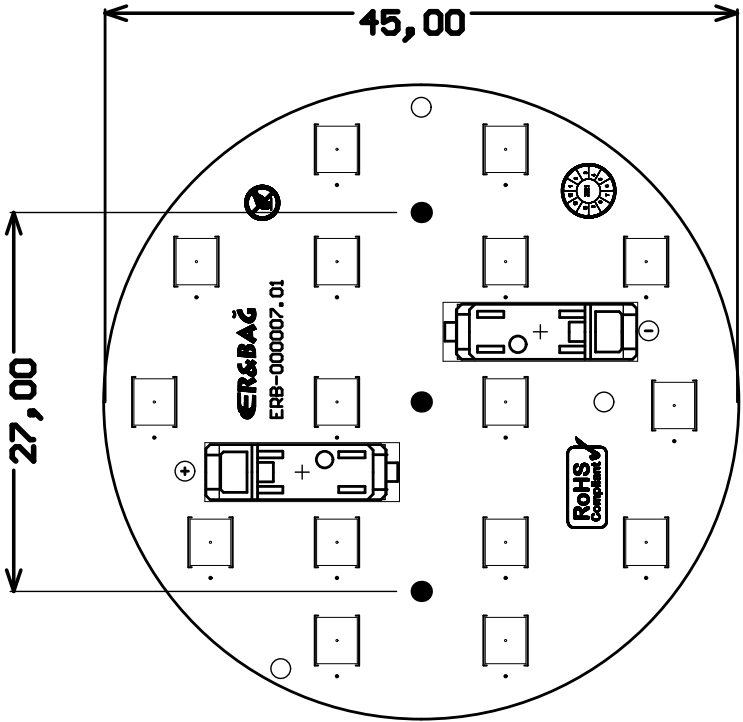
System Efficiency
150lm/W

Constant Current



Technical Data

Viewing angle	120°
Ambient temperature (Ta)	-40°...+60°C
Tp rated	+65°C
Tc	+85°C
Thermal Resistance	25 °C/W
Warranty	3 Years



Production Code	LED Quantity	Vf	If	Consumption (W)	Color CCT (Kelvin)	Luminous Flux (lm) TP : 25°C	Efficacy of the Module	PCB Material	Color Tolerance	Color Rendering Index (CRI)
ERB-000007	16 LED	12.1 V	350 mA	4.2 W	2700K	580 lm	138 lm / W	CEM1	MacAdam 3	>80
					3000K	600 lm	144 lm / W			
					4000K	630 lm	150 lm / W			
					6500K	630 lm	150 lm / W			

Reflect Series

ERB
On Board

Mid
Power
2835

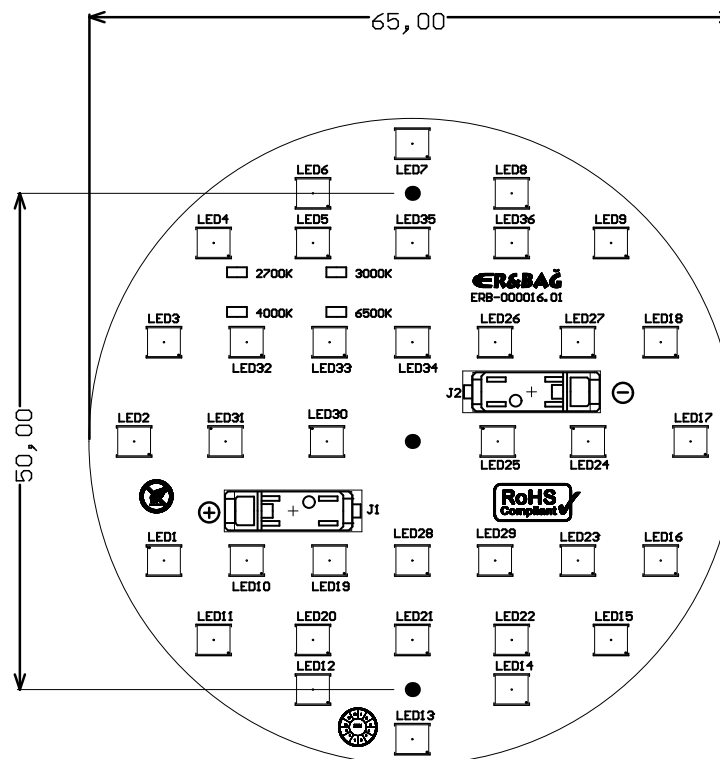
System
Efficiency
150lm/W

Constant
Current

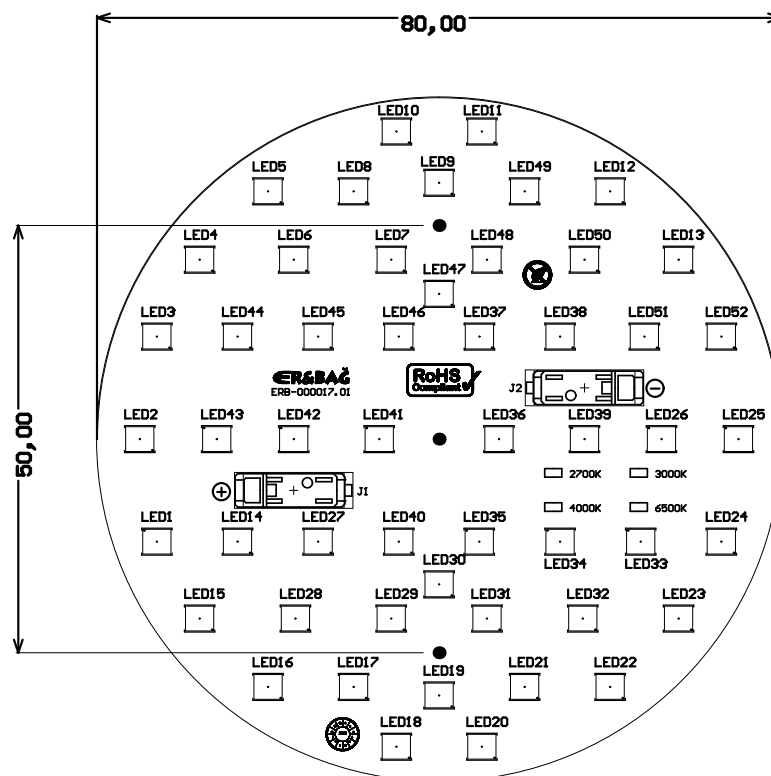


Technical Data

Viewing angle	120°
Ambient temperature (Ta)	-40°...+60°C
Tp rated	+65°C
Tc	+85°C
Thermal Resistance	25 °C/W
Warranty	3 Years



Production Code	LED Quantity	Vf	If	Consumption (W)	Color CCT (Kelvin)	Luminous Flux (lm) TP : 25°C	Efficacy of the Module	PCB Material	Color Tolerance	Color Rendering Index (CRI)
ERB-000016	36 LED	26.5 V	350 mA	9.3 W	2700K	1300 lm	138 lm / W	CEM1	MacAdam 3	>80
					3000K	1350 lm	144 lm / W			
					4000K	1400 lm	150 lm / W			
					6500K	1400 lm	150 lm / W			



Technical Data

Viewing angle	120°
Ambient temperature (Ta)	-40°...+60°C
Tp rated	+65°C
Tc	+85°C
Thermal Resistance	25 °C/W
Warranty	3 Years

Production Code	LED Quantity	Vf	If	Consumption (W)	Color CCT (Kelvin)	Luminous Flux (lm) TP : 25°C	Efficacy of the Module	PCB Material	Color Tolerance	Color Rendering Index (CRI)
ERB-000017	52 LED	39.9 V	350 mA	14 W	2700K	1950 lm	138 lm / W	CEM1	MacAdam 3	>80
					3000K	2000 lm	144 lm / W			
					4000K	2100 lm	150 lm / W			
					6500K	2100 lm	150 lm / W			

Reflect Series

ERB
On Board

Mid
Power
2835

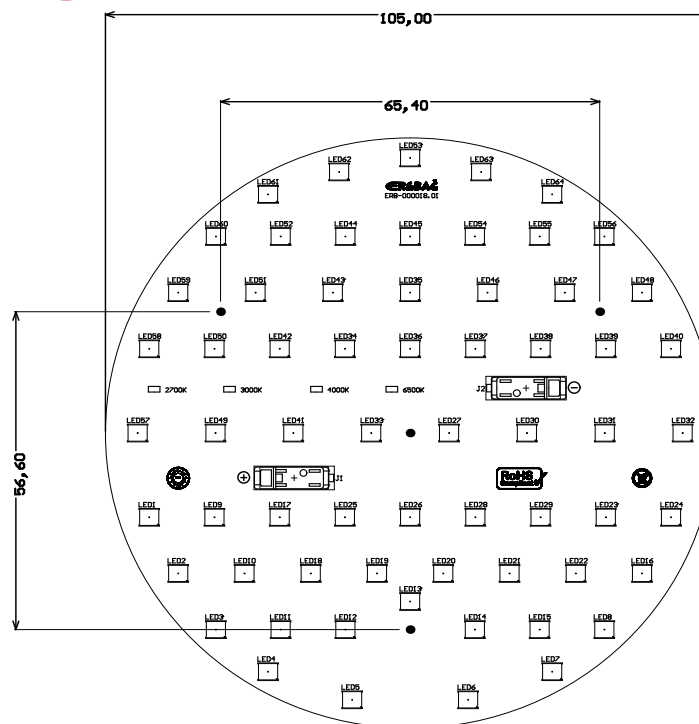
System
Efficiency
152lm/W

**Constant
Current**

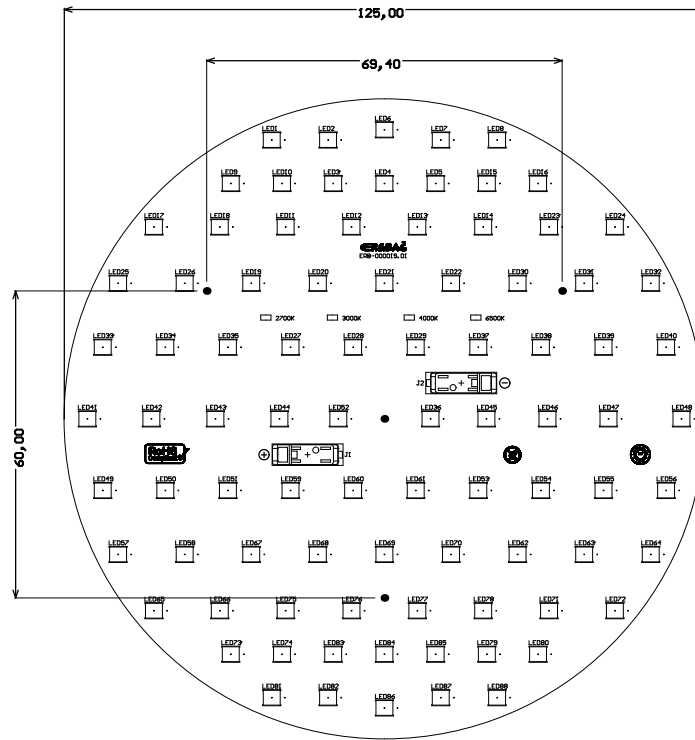
ER&BAĞ
Led Lighting Modules Design Application Services

Technical Data

Viewing angle	120°
Ambient temperature (Ta)	-40°...+60°C
Tp rated	+65°C
Tc	+85°C
Thermal Resistance	25 °C/W
Warranty	3 Years



Production Code	LED Quantity	Vf	If	Consumption (W)	Color CCT (Kelvin)	Luminous Flux (lm) TP : 25°C	Efficacy of the Module	PCB Material	Color Tolerance	Color Rendering Index (CRI)
ERB-000018	64 LED	29.9 V	500 mA	12 W	2700K	1700 lm	140 lm / W	CEM1	MacAdam 3	>80
					3000K	1750 lm	146 lm / W			
					4000K	1800 lm	152 lm / W			
					6500K	1800 lm	152 lm / W			
		24.3 V	700 mA	17 W	2700K	2350 lm	138 lm / W			
					3000K	2450 lm	144 lm / W			
					4000K	2550 lm	150 lm / W			
					6500K	2550 lm	150 lm / W			



Technical Data

Viewing angle	120°
Ambient temperature (Ta)	-40°...+60°C
Tp rated	+65°C
Tc	+85°C
Thermal Resistance	25 °C/W
Warranty	3 Years

Production Code	LED Quantity	Vf	If	Consumption (W)	Color CCT (Kelvin)	Luminous Flux (lm) TP : 25°C	Efficacy of the Module	PCB Material	Color Tolerance	Color Rendering Index (CRI)
ERB-000019	88 LED	32.4 V	500 mA	16.2 W	2700K	2250 lm	140 lm / W	CEM1	MacAdam 3	>80
					3000K	2350 lm	146 lm / W			
					4000K	2450 lm	152 lm / W			
					6500K	2450 lm	152 lm / W			
		33.5 V	700 mA	23.5 W	2700K	3250 lm	138 lm / W			
					3000K	3400 lm	144 lm / W			
					4000K	3500 lm	150 lm / W			
					6500K	3500 lm	150 lm / W			

Reflect Series

ERB
On Board

Mid
Power
2835

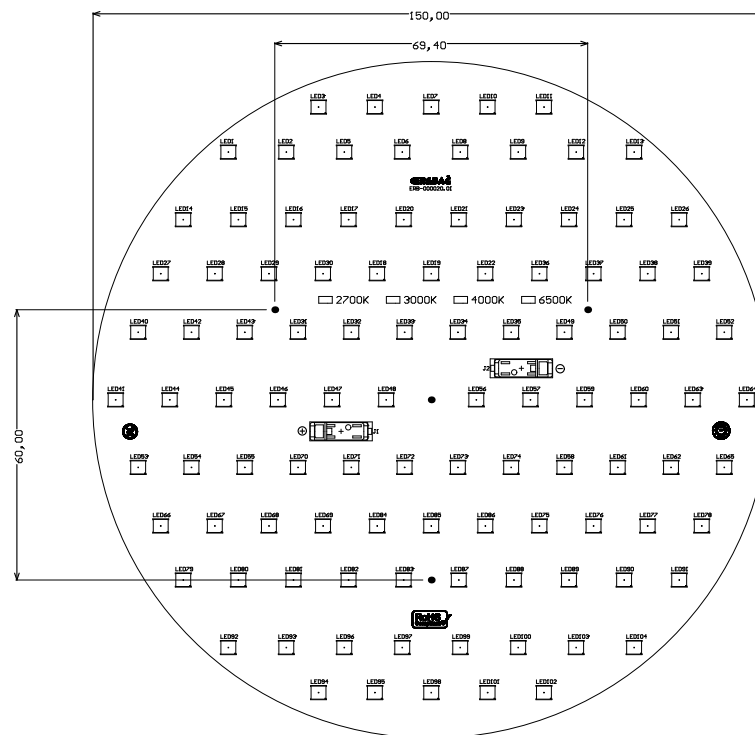
System
Efficiency
152lm/W

Constant
Current

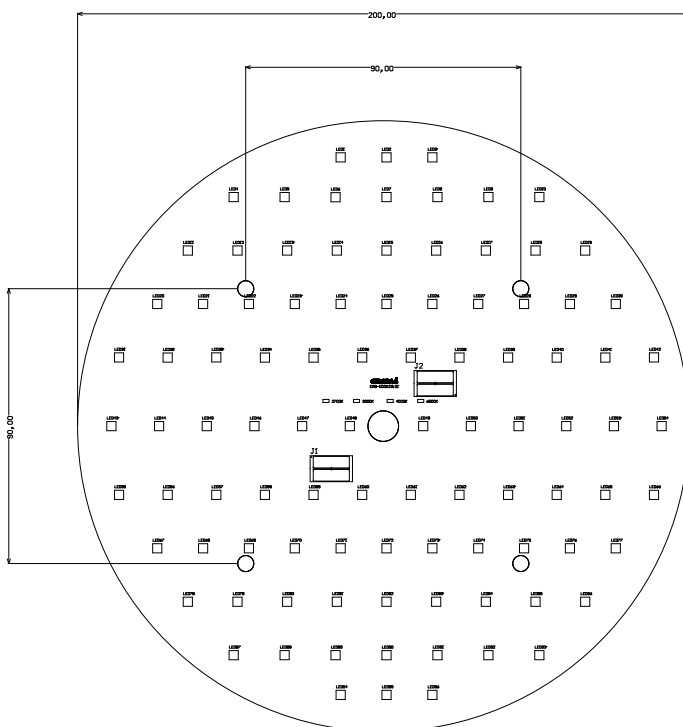


Technical Data

Viewing angle	120°
Ambient temperature (Ta)	-40°...+60°C
Tp rated	+65°C
Tc	+85°C
Thermal Resistance	25 °C/W
Warranty	3 Years



Production Code	LED Quantity	V _f	I _f	Consumption (W)	Color CCT (Kelvin)	Luminous Flux (lm) TP : 25°C	Efficacy of the Module	PCB Material	Color Tolerance	Color Rendering Index (CRI)
ERB-000020	104 LED	38.2 V	500 mA	19 W	2700K	2650 lm	140 lm / W	CEM1	MacAdam 3	>80
					3000K	2800 lm	146 lm / W			
					4000K	2900 lm	152 lm / W			
					6500K	2900 lm	152 lm / W			
	104 LED	39.9 V	700 mA	28 W	2700K	3850 lm	138 lm / W			
					3000K	4000 lm	144 lm / W			
					4000K	4200 lm	150 lm / W			
					6500K	4200 lm	150 lm / W			



Technical Data

Viewing angle	120°
Ambient temperature (Ta)	-40°...+60°C
Tp rated	+65°C
Tc	+85°C
Thermal Resistance	25 °C/W
Warranty	3 Years

Production Code	LED Quantity	Vf	If	Consumption (W)	Color CCT (Kelvin)	Luminous Flux (lm) TP : 25°C	Efficacy of the Module	PCB Material	Color Tolerance	Color Rendering Index (CRI)
ERB-000023	96 LED	68.5 V	1050 mA	72 W	2700K	9150 lm	127 lm / W	ALU.	MacAdam 3	>80
					3000K	9500 lm	132 lm / W			
					4000K	9950 lm	138 lm / W			
					6500K	9950 lm	138 lm / W			
		70.9 V	1200 mA	85 W	2700K	10300 lm	121 lm / W			
					3000K	10600 lm	125 lm / W			
					4000K	11150 lm	131 lm / W			
					6500K	11150 lm	131 lm / W			

Volare Series

ERB
On Board

Mid
Power
3030

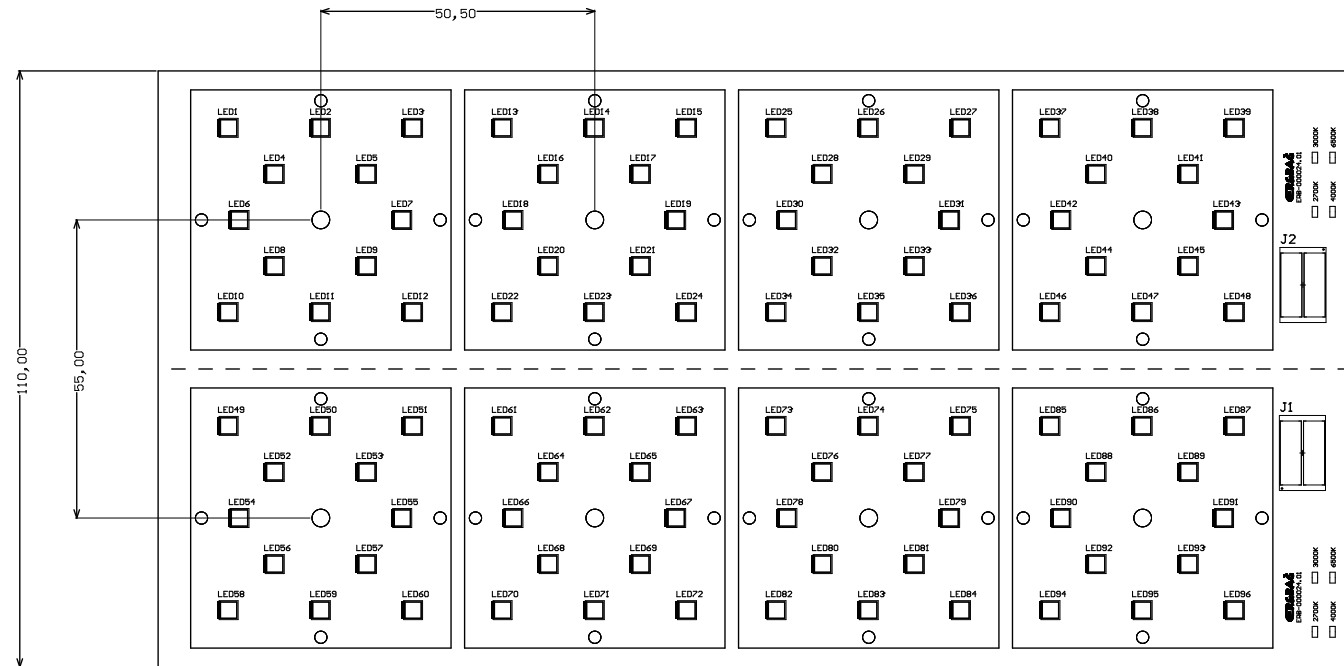
System
Efficiency
138lm/W

Constant
Current

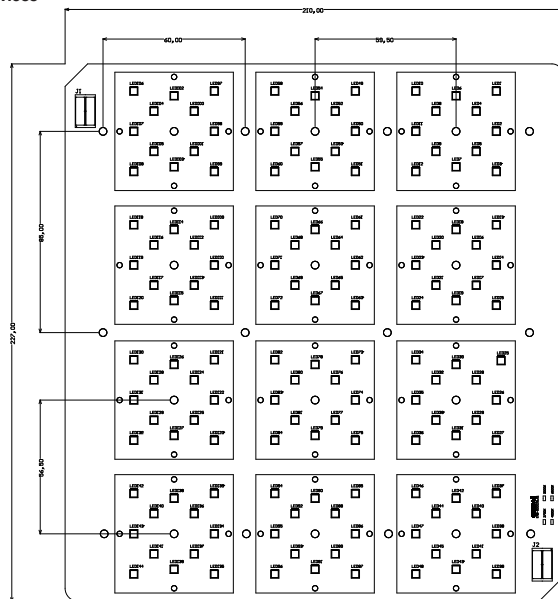
ER&BAĞ
Led Lighting Modules Design Application Services

Technical Data

Viewing angle	120°
Ambient temperature (Ta)	-40°...+60°C
Tp rated	+65°C
Tc	+85°C
Thermal Resistance	25 °C/W
Warranty	3 Years



Production Code	LED Quantity	Vf	If	Consumption (W)	Color CCT (Kelvin)	Luminous Flux (lm) TP : 25°C	Efficacy of the Module	PCB Material	Color Tolerance	Color Rendering Index (CRI)
ERB-000024	96 LED	68.5 V	1050 mA	72 W	2700K	9150 lm	127 lm / W	ALU.	MacAdam 3	>80
					3000K	9500 lm	132 lm / W			
					4000K	9950 lm	138 lm / W			
					6500K	9950 lm	138 lm / W			
		70.9 V	1200 mA	85 W	2700K	10300 lm	121 lm / W			
					3000K	10600 lm	125 lm / W			
					4000K	11150 lm	131 lm / W			
					6500K	11150t lm	131 lm / W			



ERB
On Board

Mid Power
3030

System Efficiency
150lm/W

Constant Current

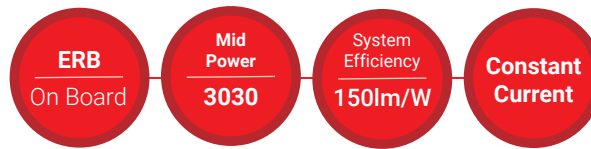
Reflect Series

Technical Data

Viewing angle	120°
Ambient temperature (Ta)	-40°...+60°C
Tp rated	+65°C
Tc	+85°C
Thermal Resistance	25 °C/W
Warranty	3 Years

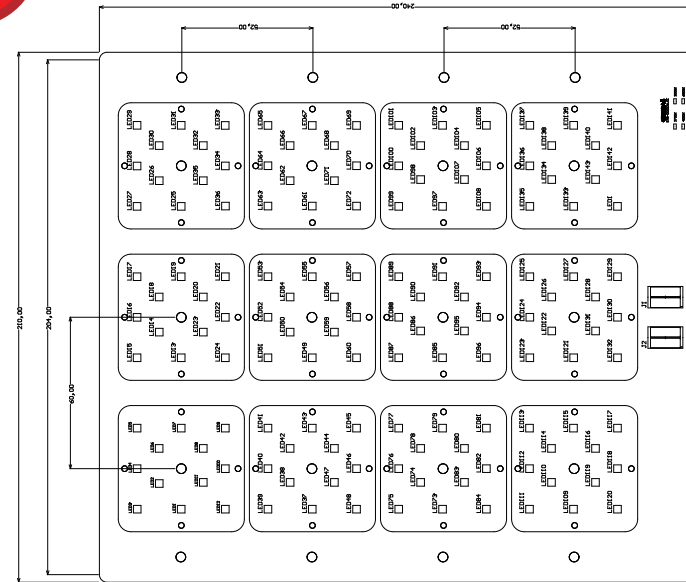
Production Code	LED Quantity	Vf	If	Consumption (W)	Color CCT (Kelvin)	Luminous Flux (lm) TP : 25°C	Efficacy of the Module	PCB Material	Color Tolerance	Color Rendering Index (CRI)
ERB-000025	144 LED	66.6 V	1050 mA	70 W	2700K	9650 lm	138 lm / W	ALU.	MacAdam 3	>80
					3000K	10100 lm	144 lm / W			
					4000K	10500 lm	150 lm / W			
					6500K	10500 lm	150 lm / W			
		68.5 V	1400 mA	96 W	2700K	12700 lm	132 lm / W			
					3000K	13250 lm	138 lm / W			
					4000K	14000 lm	144 lm / W			
					6500K	14000 lm	144 lm / W			
		74.3 V	1700 mA	130 W	2700K	15700 lm	121 lm / W			
					3000K	16250 lm	125 lm / W			
					4000K	17000 lm	131 lm / W			
					6500K	17000 lm	131 lm / W			

Reflect Series



Technical Data

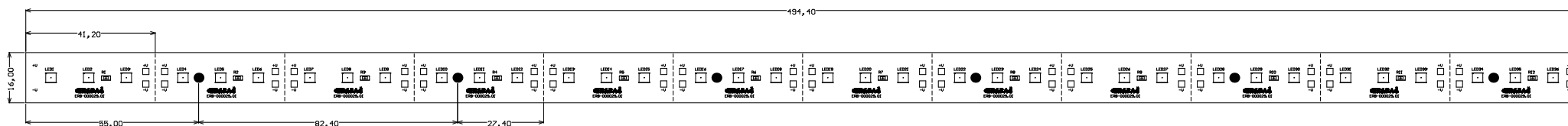
Viewing angle	120°
Ambient temperature (Ta)	-40°...+60°C
Tp rated	+65°C
Tc	+85°C
Thermal Resistance	25 °C/W
Warranty	3 Years



Production Code	LED Quantity	Vf	If	Consumption (W)	Color CCT (Kelvin)	Luminous Flux (lm) TP : 25°C	Efficacy of the Module	PCB Material	Color Tolerance	Color Rendering Index (CRI)
ERB-000026	144 LED	66.6 V	1050 mA	70 W	2700K	9650 lm	138 lm / W	ALU.	MacAdam 3	>80
					3000K	10100 lm	144 lm / W			
					4000K	10500 lm	150 lm / W			
					6500K	10500 lm	150 lm / W			
		68.5 V	1400 mA	96 W	2700K	12700 lm	132 lm / W			
					3000K	13250 lm	138 lm / W			
					4000K	14000 lm	144 lm / W			
					6500K	14000 lm	144 lm / W			
		74.3 V	1700 mA	130 W	2700K	15700 lm	121 lm / W			
					3000K	16250 lm	125 lm / W			
					4000K	17000 lm	131 lm / W			
					6500K	17000 lm	131 lm / W			

Technical Data

Viewing angle	120°
Ambient temperature (Ta)	-40°...+60°C
Tp rated	+65°C
Tc	+85°C
Thermal Resistance	25 °C/W
Warranty	3 Years



Production Code	LED Quantity	Vf	If	Consumption (W)	Color CCT (Kelvin)	Luminous Flux (lm) TP : 25°C	Efficacy of the Module	PCB Material	Color Tolerance	Color Rendering Index (CRI)
ERB-000029	72 LED	12 V	1.16 A	14 W	2700K	1530 lm	109 lm / W	CEM1	MacAdam 3	>80
					3000K	1560 lm	111 lm / W			
					4000K	1650 lm	118 lm / W			
					6500K	1650 lm	118 lm / W			

Aurora Series

ERB
On Board

Mid Power
2835

System Efficiency
120lm/W

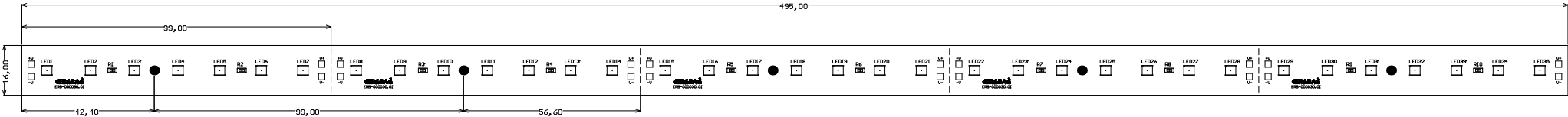
Constant Voltage

24V



Technical Data

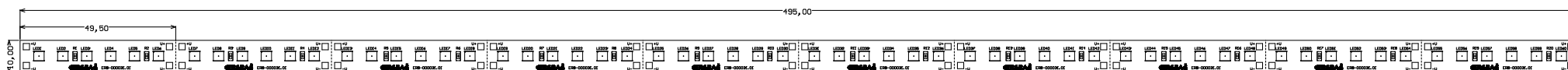
Viewing angle	120°
Ambient temperature (Ta)	-40°...+60°C
Tp rated	+65°C
Tc	+85°C
Thermal Resistance	25 °C/W
Warranty	3 Years



Production Code	LED Quantity	Vf	If	Consumption (W)	Color CCT (Kelvin)	Luminous Flux (lm) TP : 25°C	Efficacy of the Module	PCB Material	Color Tolerance	Color Rendering Index (CRI)
ERB-000030	70 LED	24 V	0.58 A	14 W	2700K	1650 lm	118 lm / W	CEM1	MacAdam 3	>80
					3000K	1690 lm	121 lm / W			
					4000K	1790 lm	128 lm / W			
					6500K	1790 lm	128 lm / W			

Technical Data

Viewing angle	120°
Ambient temperature (Ta)	-40°...+60°C
Tp rated	+65°C
Tc	+85°C
Thermal Resistance	25 °C/W
Warranty	3 Years



Production Code	LED Quantity	Vf	If	Consumption (W)	Color CCT (Kelvin)	Luminous Flux (lm) TP : 25°C	Efficacy of the Module	PCB Material	Color Tolerance	Color Rendering Index (CRI)
ERB-000031	120 LED	24 V	1.16 A	14 W	2700K	1560 lm	111 lm / W	CEM1	MacAdam 3	>80
					3000K	1580 lm	113 lm / W			
					4000K	1680 lm	120 lm / W			
					6500K	1680 lm	120 lm / W			

Aurora Series

ERB
On Board

Mid Power
2835

System Efficiency
120lm/W

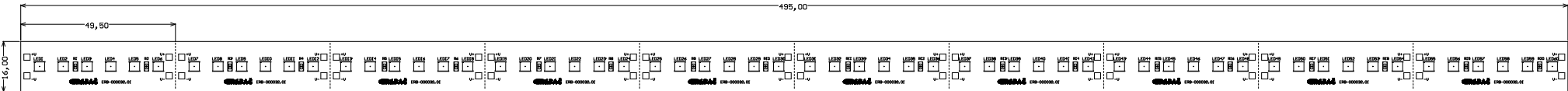
Constant Voltage

24V



Technical Data

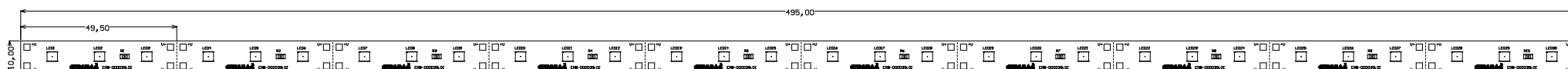
Viewing angle	120°
Ambient temperature (Ta)	-40°...+60°C
TP rated	+65°C
Tc	+85°C
Thermal Resistance	25 °C/W
Warranty	3 Years



Production Code	LED Quantity	Vf	If	Consumption (W)	Color CCT (Kelvin)	Luminous Flux (lm) TP : 25°C	Efficacy of the Module	PCB Material	Color Tolerance	Color Rendering Index (CRI)
ERB-000032	120 LED	24 V	0.58 A	14 W	2700K	1560 lm	111 lm / W	CEM1	MacAdam 3	>80
					3000K	1580 lm	113 lm / W			
					4000K	1680 lm	120 lm / W			
					6500K	1680 lm	120 lm / W			

Technical Data

Viewing angle	120°
Ambient temperature (Ta)	-40°...+60°C
Tp rated	+65°C
Tc	+85°C
Thermal Resistance	25 °C/W
Warranty	3 Years



Production Code	LED Quantity	Vf	If	Consumption (W)	Color CCT (Kelvin)	Luminous Flux (lm) TP : 25°C	Efficacy of the Module	PCB Material	Color Tolerance	Color Rendering Index (CRI)
ERB-000033	60 LED	12 V	1.16 A	14 W	2700K	1500 lm	107 lm / W	CEM1	MacAdam 3	>80
					3000K	1530 lm	109 lm / W			
					4000K	1620 lm	116 lm / W			
					6500K	1620 lm	116 lm / W			

Aurora Series

ERB
On Board

Mid Power
2835

System Efficiency
116lm/W

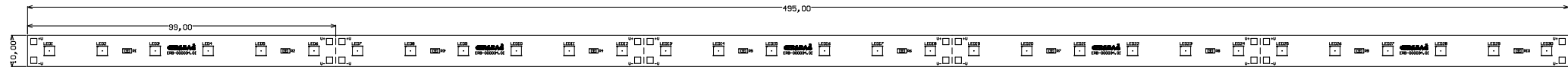
Constant Voltage

24V



Technical Data

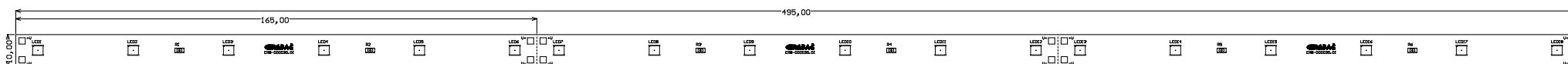
Viewing angle	120°
Ambient temperature (Ta)	-40°...+60°C
Tp rated	+65°C
Tc	+85°C
Thermal Resistance	25 °C/W
Warranty	3 Years



Production Code	LED Quantity	Vf	If	Consumption (W)	Color CCT (Kelvin)	Luminous Flux (lm) TP : 25°C	Efficacy of the Module	PCB Material	Color Tolerance	Color Rendering Index (CRI)
ERB-000034	60 LED	24 V	0.58 A	14 W	2700K	1500 lm	107 lm / W	CEM1	MacAdam 3	>80
					3000K	1530 lm	109 lm / W			
					4000K	1620 lm	116 lm / W			
					6500K	1620 lm	116 lm / W			

Technical Data

Viewing angle	120°
Ambient temperature (Ta)	-40°...+60°C
TP rated	+65°C
Tc	+85°C
Thermal Resistance	25 °C/W
Warranty	3 Years



Production Code	LED Quantity	Vf	If	Consumption (W)	Color CCT (Kelvin)	Luminous Flux (lm) TP : 25°C	Efficacy of the Module	PCB Material	Color Tolerance	Color Rendering Index (CRI)
ERB-000035	36 LED	24 V	0.35 A	8.4 W	2700K	900 lm	107 lm / W	CEM1	MacAdam 3	>80
					3000K	920 lm	109 lm / W			
					4000K	970 lm	116 lm / W			
					6500K	970 lm	116 lm / W			

ERB
On Board

Mid Power
2835

System Efficiency
120lm/W

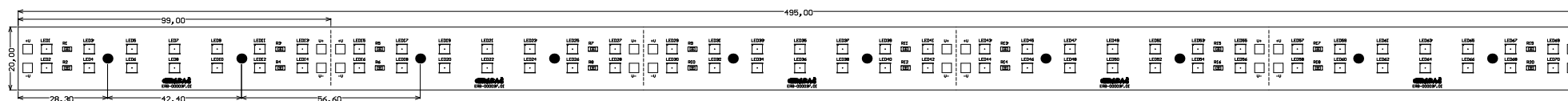
Constant Voltage

24V

Aurora Series

Technical Data

Viewing angle	120°
Ambient temperature (Ta)	-40°...+60°C
TP rated	+65°C
Tc	+85°C
Thermal Resistance	25 °C/W
Warranty	3 Years



Production Code	LED Quantity	Vf	If	Consumption (W)	Color CCT (Kelvin)	Luminous Flux (lm) TP : 25°C	Efficacy of the Module	PCB Material	Color Tolerance	Color Rendering Index (CRI)
ERB-000037	140 LED	24 V	1.32 A	32 W	2700K	3770 lm	118 lm / W	CEM1	MacAdam 3	>80
					3000K	3870 lm	121 lm / W			
					4000K	4090 lm	128 lm / W			
					6500K	4090 lm	128 lm / W			

Ocean Series

ERB
On Board

High Power
3535

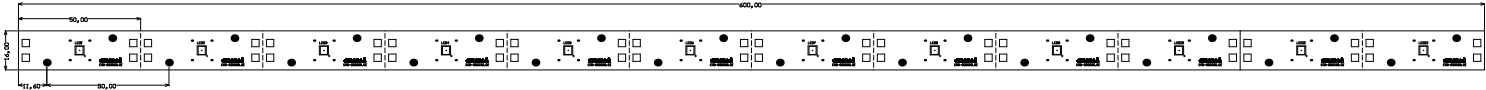
System Efficiency
163lm/W

Constant Current

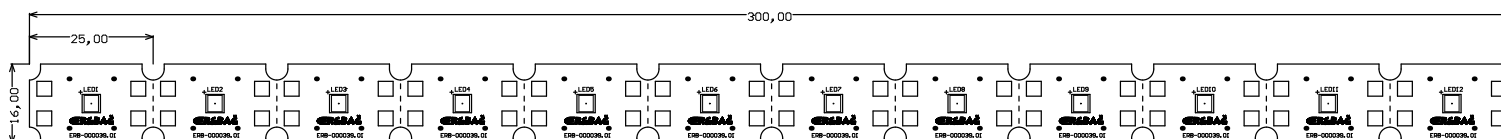


Technical Data

Viewing angle	120°
Ambient temperature (Ta)	-40°...+60°C
TP rated	+65°C
Tc	+85°C
Thermal Resistance	25 °C/W
Warranty	3 Years



Production Code	LED Quantity	Vf	If	Consumption (W)	Color CCT (Kelvin)	Luminous Flux (lm) TP : 25°C	Efficacy of the Module	PCB Material	Color Tolerance	Color Rendering Index (CRI)
ERB-000038	12 LED	34.8 V	350 mA	12 W	2700K	1710 lm	143 lm / W	ALU.	MacAdam 3	>80
					3000K	1830 lm	153 lm / W			
					4000K	10500 lm	163 lm / W			
					6500K	1950 lm	163 lm / W			
		36 V	500 mA	18 W	2700K	2480 lm	138 lm / W			
					3000K	2660 lm	148 lm / W			
					4000K	2840 lm	158 lm / W			
					6500K	2840 lm	158 lm / W			
		37.2 V	700 mA	26 W	2700K	3530 lm	136 lm / W			
					3000K	3770 lm	145 lm / W			
					4000K	4030 lm	155 lm / W			
					6500K	4030 lm	155 lm / W			

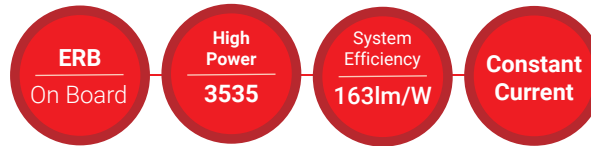


Technical Data

Viewing angle	120°
Ambient temperature (Ta)	-40°...+60°C
Tp rated	+65°C
Tc	+85°C
Thermal Resistance	25 °C/W
Warranty	3 Years

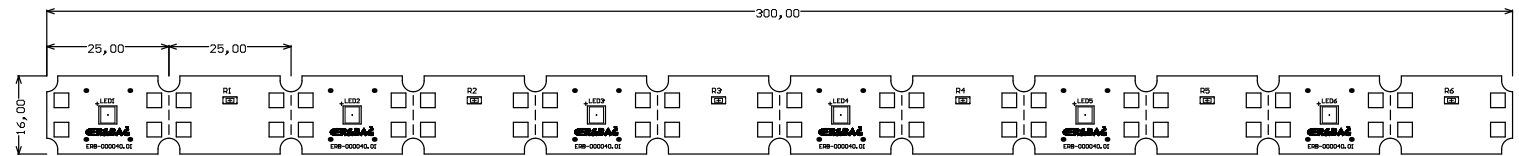
Production Code	LED Quantity	Vf	If	Consumption (W)	Color CCT (Kelvin)	Luminous Flux (lm) TP : 25°C	Efficacy of the Module	PCB Material	Color Tolerance	Color Rendering Index (CRI)
ERB-000039	12 LED	34.8 V	350 mA	12 W	2700K	1710 lm	143 lm / W	ALU.	MacAdam 3	>80
					3000K	1830 lm	153 lm / W			
					4000K	1950 lm	163 lm / W			
					6500K	1950 lm	163 lm / W			
		36 V	500 mA	18 W	2700K	2480 lm	138 lm / W			
					3000K	2660 lm	148 lm / W			
					4000K	2840 lm	158 lm / W			
					6500K	2840 lm	158 lm / W			
		37.2 V	700 mA	26 W	2700K	3530 lm	136 lm / W			
					3000K	3770 lm	145 lm / W			
					4000K	4030 lm	155 lm / W			
					6500K	4030 lm	155 lm / W			

Ocean Series

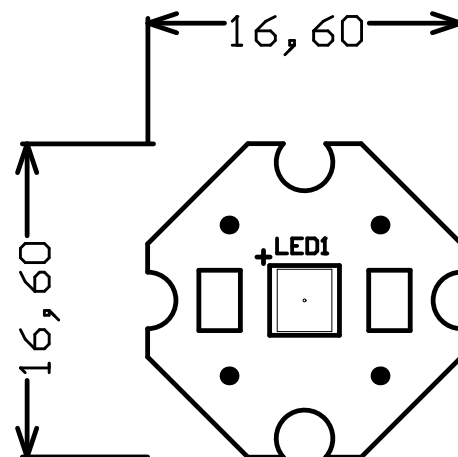


Technical Data

Viewing angle	120°
Ambient temperature (Ta)	-40°...+60°C
Tp rated	+65°C
Tc	+85°C
Thermal Resistance	25 °C/W
Warranty	3 Years



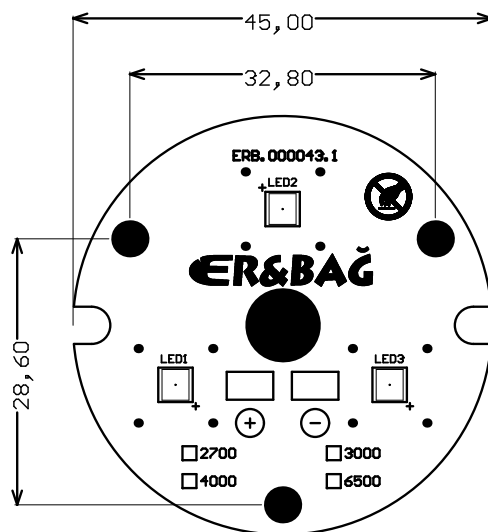
Production Code	LED Quantity	Vf	If	Consumption (W)	Color CCT (Kelvin)	Luminous Flux (lm) TP : 25°C	Efficacy of the Module	PCB Material	Color Tolerance	Color Rendering Index (CRI)
ERB-000040	6 LED	17.4 V	350 mA	6 W	2700K	860 lm	143 lm / W	ALU.	MacAdam 3	>80
					3000K	920 lm	153 lm / W			
					4000K	980 lm	163 lm / W			
					6500K	980 lm	163 lm / W			
		18 V	500 mA	9 W	2700K	1240 lm	138 lm / W			
					3000K	1320 lm	148 lm / W			
					4000K	1420 lm	158 lm / W			
					6500K	1420 lm	158 lm / W			
		18.6 V	700 mA	13 W	2700K	1760 lm	136 lm / W			
					3000K	1880 lm	145 lm / W			
					4000K	2000 lm	155 lm / W			
					6500K	2000 lm	155 lm / W			



Technical Data

Viewing angle	120°
Ambient temperature (Ta)	-40°...+60°C
Tp rated	+65°C
Tc	+85°C
Thermal Resistance	25 °C/W
Warranty	3 Years

Production Code	LED Quantity	Vf	If	Consumption (W)	Color CCT (Kelvin)	Luminous Flux (lm) TP : 25°C	Efficacy of the Module	PCB Material	Color Tolerance	Color Rendering Index (CRI)
ERB-000041	1 LED	2.9 V	350 mA	1 W	2700K	143 lm	143 lm / W	ALU.	MacAdam 3	>80
					3000K	153 lm	153 lm / W			
					4000K	163 lm	163 lm / W			
					6500K	163 lm	163 lm / W			
		3 V	500 mA	1.5 W	2700K	205 lm	138 lm / W			
					3000K	220 lm	148 lm / W			
					4000K	235 lm	158 lm / W			
					6500K	235 lm	158 lm / W			
		3.1 V	700 mA	2.2 W	2700K	295 lm	136 lm / W			
					3000K	315 lm	145 lm / W			
					4000K	335 lm	155 lm / W			
					6500K	335 lm	155 lm / W			

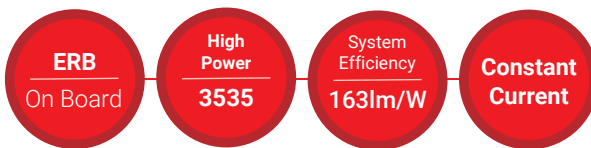


Technical Data

Viewing angle	120°
Ambient temperature (Ta)	-40°...+60°C
Tp rated	+65°C
Tc	+85°C
Thermal Resistance	25 °C/W
Warranty	3 Years

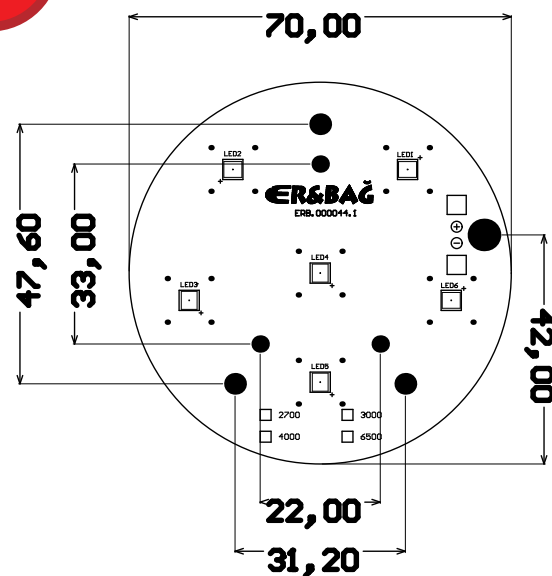
Production Code	LED Quantity	Vf	If	Consumption (W)	Color CCT (Kelvin)	Luminous Flux (lm) TP : 25°C	Efficacy of the Module	PCB Material	Color Tolerance	Color Rendering Index (CRI)
ERB-000043	3 LED	8.7 V	350 mA	3 W	2700K	430 lm	143 lm / W	ALU.	MacAdam 3	>80
					3000K	460 lm	153 lm / W			
					4000K	490 lm	163 lm / W			
					6500K	490 lm	163 lm / W			
		9 V	500 mA	4.5 W	2700K	620 lm	138 lm / W			
					3000K	660 lm	148 lm / W			
					4000K	710 lm	158 lm / W			
					6500K	710 lm	158 lm / W			
	3 LED	9.3 V	700 mA	6.5 W	2700K	880 lm	136 lm / W			
					3000K	940 lm	145 lm / W			
					4000K	1000 lm	155 lm / W			
					6500K	1000 lm	155 lm / W			

Ocean Series

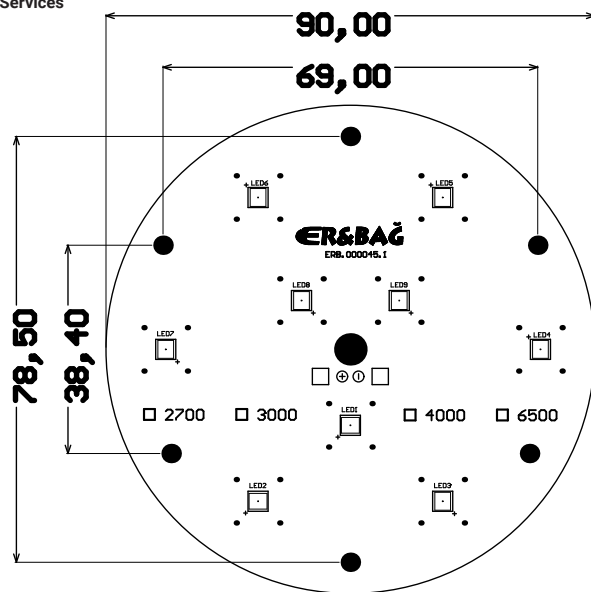


Technical Data

Viewing angle	120°
Ambient temperature (Ta)	-40°...+60°C
Tp rated	+65°C
Tc	+85°C
Thermal Resistance	25 °C/W
Warranty	3 Years



Production Code	LED Quantity	Vf	If	Consumption (W)	Color CCT (Kelvin)	Luminous Flux (lm) TP : 25°C	Efficacy of the Module	PCB Material	Color Tolerance	Color Rendering Index (CRI)
ERB-000044	6 LED	17.4 V	350 mA	6 W	2700K	860 lm	143 lm / W	ALU.	MacAdam 3	>80
					3000K	920 lm	153 lm / W			
					4000K	980 lm	163 lm / W			
					6500K	980 lm	163 lm / W			
		18 V	500 mA	9 W	2700K	1240 lm	138 lm / W			
					3000K	1320 lm	148 lm / W			
					4000K	1420 lm	158 lm / W			
					6500K	1420 lm	158 lm / W			
		18.6 V	700 mA	13 W	2700K	1760 lm	136 lm / W			
					3000K	1880 lm	145 lm / W			
					4000K	2000 lm	155 lm / W			
					6500K	2000 lm	155 lm / W			

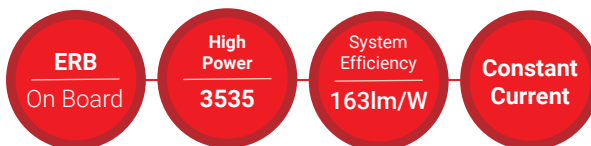


Technical Data

Viewing angle	120°
Ambient temperature (Ta)	-40°...+60°C
Tp rated	+65°C
Tc	+85°C
Thermal Resistance	25 °C/W
Warranty	3 Years

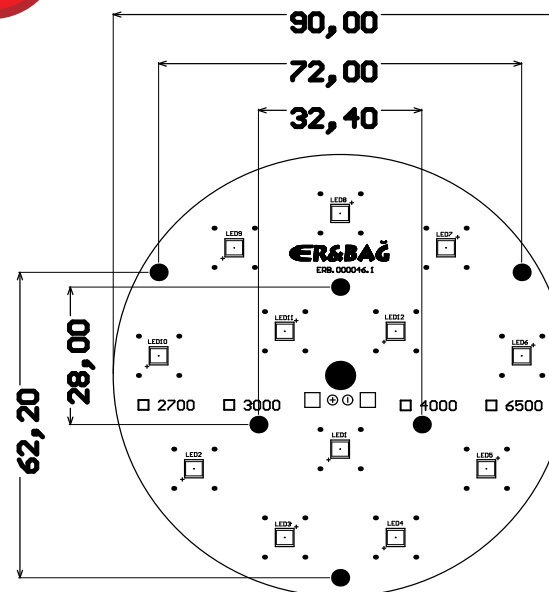
Production Code	LED Quantity	Vf	If	Consumption (W)	Color CCT (Kelvin)	Luminous Flux (lm) TP : 25°C	Efficacy of the Module	PCB Material	Color Tolerance	Color Rendering Index (CRI)
ERB-000045	9 LED	26.1 V	350 mA	9 W	2700K	1290 lm	143 lm / W	ALU.	MacAdam 3	>80
					3000K	1380 lm	153 lm / W			
					4000K	1470 lm	163 lm / W			
					6500K	1470 lm	163 lm / W			
		27 V	500 mA	13.5 W	2700K	1860 lm	138 lm / W			
					3000K	2000 lm	148 lm / W			
					4000K	2130 lm	158 lm / W			
					6500K	2130 lm	158 lm / W			
		27.9 V	700 mA	19.5 W	2700K	2650 lm	136 lm / W			
					3000K	2830 lm	145 lm / W			
					4000K	3020 lm	155 lm / W			
					6500K	3020 lm	155 lm / W			

Ocean Series

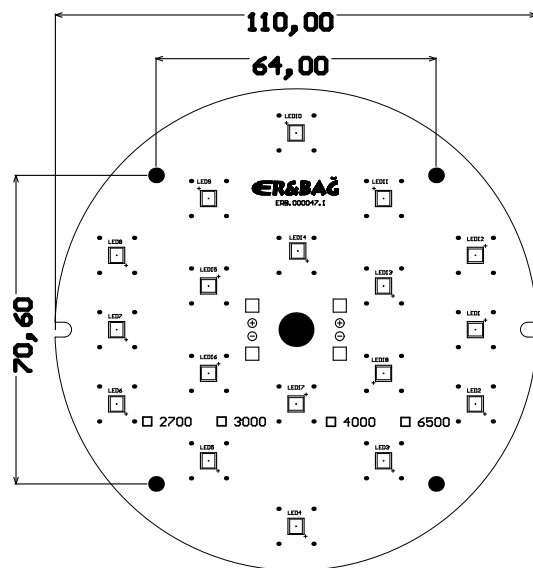


Technical Data

Viewing angle	120°
Ambient temperature (Ta)	-40°...+60°C
Tp rated	+65°C
Tc	+85°C
Thermal Resistance	25 °C/W
Warranty	3 Years



Production Code	LED Quantity	V _f	I _f	Consumption (W)	Color CCT (Kelvin)	Luminous Flux (lm) TP : 25°C	Efficacy of the Module	PCB Material	Color Tolerance	Color Rendering Index (CRI)
ERB-000046	12 LED	34.8 V	350 mA	12 W	2700K	1710 lm	143 lm / W	ALU.	MacAdam 3	>80
					3000K	1830 lm	153 lm / W			
					4000K	1950 lm	163 lm / W			
					6500K	1950 lm	163 lm / W			
		36 V	500 mA	18 W	2700K	2480 lm	138 lm / W			
					3000K	2660 lm	148 lm / W			
					4000K	2840 lm	158 lm / W			
					6500K	2840 lm	158 lm / W			
		37.2 V	700 mA	26 W	2700K	3530 lm	136 lm / W			
					3000K	3770 lm	145 lm / W			
					4000K	4030 lm	155 lm / W			
					6500K	4030 lm	155 lm / W			



Technical Data

Viewing angle	120°
Ambient temperature (Ta)	-40°...+60°C
Tp rated	+65°C
Tc	+85°C
Thermal Resistance	25 °C/W
Warranty	3 Years

Production Code	LED Quantity	Vf	If	Consumption (W)	Color CCT (Kelvin)	Luminous Flux (lm) TP : 25°C	Efficacy of the Module	PCB Material	Color Tolerance	Color Rendering Index (CRI)
ERB-000047	18 LED	52.2 V	350 mA	18 W	2700K	2570 lm	143 lm / W	ALU.	MacAdam ₃	>80
					3000K	2750 lm	153 lm / W			
					4000K	2930 lm	163 lm / W			
					6500K	2930 lm	163 lm / W			
		54 V	500 mA	27 W	2700K	3720 lm	138 lm / W			
					3000K	3990 lm	148 lm / W			
					4000K	4260 lm	158 lm / W			
					6500K	4260 lm	158 lm / W			
		55.8 V	700 mA	39 W	2700K	5300 lm	136 lm / W			
					3000K	5650 lm	145 lm / W			
					4000K	6040 lm	155 lm / W			
					6500K	6040 lm	155 lm / W			

Ocean Series

ERB
On Board

High
Power
3535

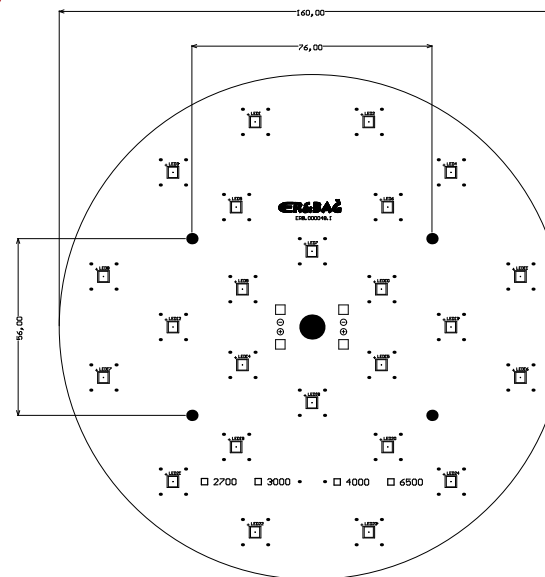
System
Efficiency
163lm/W

Constant
Current

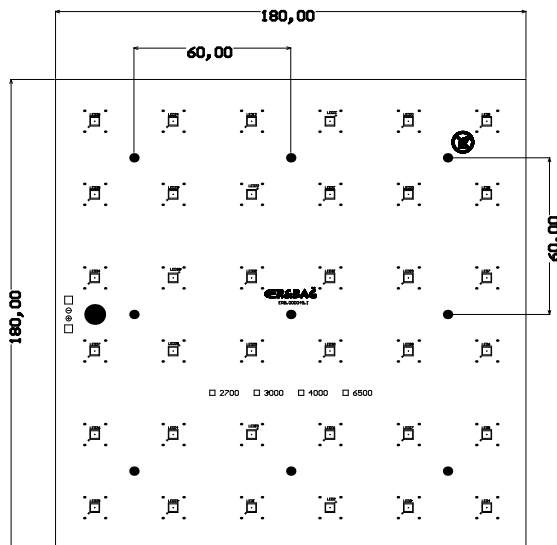
ER&BAĞ
Led Lighting Modules Design Application Services

Technical Data

Viewing angle	120°
Ambient temperature (Ta)	-40°...+60°C
Tp rated	+65°C
Tc	+85°C
Thermal Resistance	25 °C/W
Warranty	3 Years



Production Code	LED Quantity	Vf	If	Consumption (W)	Color CCT (Kelvin)	Luminous Flux (lm) TP : 25°C	Efficacy of the Module	PCB Material	Color Tolerance	Color Rendering Index (CRI)
ERB-000048	24 LED	69.6 V	350 mA	24 W	2700K	3430 lm	143 lm / W	ALU.	MacAdam 3	>80
					3000K	3670 lm	153 lm / W			
					4000K	3910 lm	163 lm / W			
					6500K	3910 lm	163 lm / W			
		72 V	500 mA	36 W	2700K	4970 lm	138 lm / W			
					3000K	5330 lm	148 lm / W			
					4000K	5690 lm	158 lm / W			
					6500K	5690 lm	158 lm / W			
		74.4 V	700 mA	52 W	2700K	7070 lm	136 lm / W			
					3000K	7540 lm	145 lm / W			
					4000K	8060 lm	155 lm / W			
					6500K	8060 lm	155 lm / W			



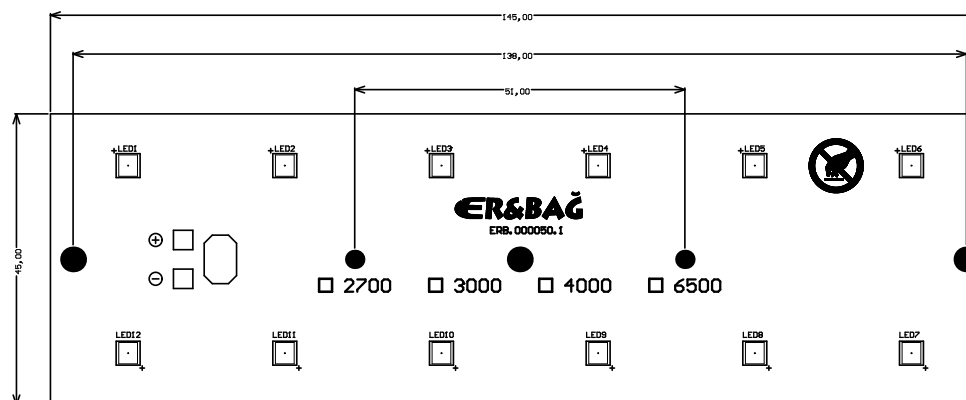
Technical Data

Viewing angle	120°
Ambient temperature (Ta)	-40°...+60°C
Tp rated	+65°C
Tc	+85°C
Thermal Resistance	25 °C/W
Warranty	3 Years

Production Code	LED Quantity	Vf	If	Consumption (W)	Color CCT (Kelvin)	Luminous Flux (lm) TP : 25°C	Efficacy of the Module	PCB Material	Color Tolerance	Color Rendering Index (CRI)
ERB-000049	36 LED	34.8 V	1050 mA	36.5 W	2700K	5220 lm	143 lm / W	ALU.	MacAdam 3	>80
					3000K	5580 lm	153 lm / W			
					4000K	5950 lm	163 lm / W			
					6500K	5950 lm	163 lm / W			
		36 V	1400 mA	50.4 W	2700K	6950 lm	138 lm / W			
					3000K	7450 lm	148 lm / W			
					4000K	7960 lm	158 lm / W			
					6500K	7960 lm	158 lm / W			
		37.2 V	2100 mA	78 W	2700K	10600 lm	136 lm / W			
					3000K	11300 lm	145 lm / W			
					4000K	12090 lm	155 lm / W			
					6500K	12090 lm	155 lm / W			

Technical Data

Viewing angle	120°
Ambient temperature (Ta)	-40°...+60°C
Tp rated	+65°C
Tc	+85°C
Thermal Resistance	25 °C/W
Warranty	3 Years



Production Code	LED Quantity	Vf	If	Consumption (W)	Color CCT (Kelvin)	Luminous Flux (lm) TP : 25°C	Efficacy of the Module	PCB Material	Color Tolerance	Color Rendering Index (CRI)
ERB-000050	12 LED	34.8 V	350 mA	12 W	2700K	1710 lm	143 lm / W	ALU.	MacAdam 3	>80
					3000K	1830 lm	153 lm / W			
					4000K	1950 lm	163 lm / W			
					6500K	1950 lm	163 lm / W			
		36 V	500 mA	18 W	2700K	2480 lm	138 lm / W			
					3000K	2660 lm	148 lm / W			
					4000K	2840 lm	158 lm / W			
					6500K	2840 lm	158 lm / W			
		37.2.4 V	700 mA	26 W	2700K	3530 lm	136 lm / W			
					3000K	3770 lm	145 lm / W			
					4000K	4030 lm	155 lm / W			
					6500K	4030 lm	155 lm / W			