



## PRODUCT PHOTO



## SPECIFICATIONS

- Default driving method is constant voltage input
- CCT Range from 2000°K up to 6500°K
- Luminous flux range from 1300 lm to 2300 lm
- Efficacy of the module up to 185 lm/W
- CRI 80 is standart, CRI 70 and CRI 90 are available
- Outstanding system color tolerance MacAdam 3 over the full operating area
- Simple installation (e.g. screw)
- Long life-time > 60,000 hours
- 5 years guarantee at specified conditions



For your orders please call us:

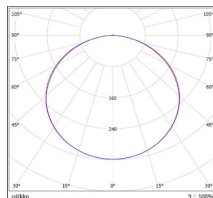
**+90 444 27 33**

## APPLICATIONS



Cove Light

## PHOTOMETRY



W/O LENS



## DRIVING CURRENT VS LUMEN OUTPUT SPECIFICATION

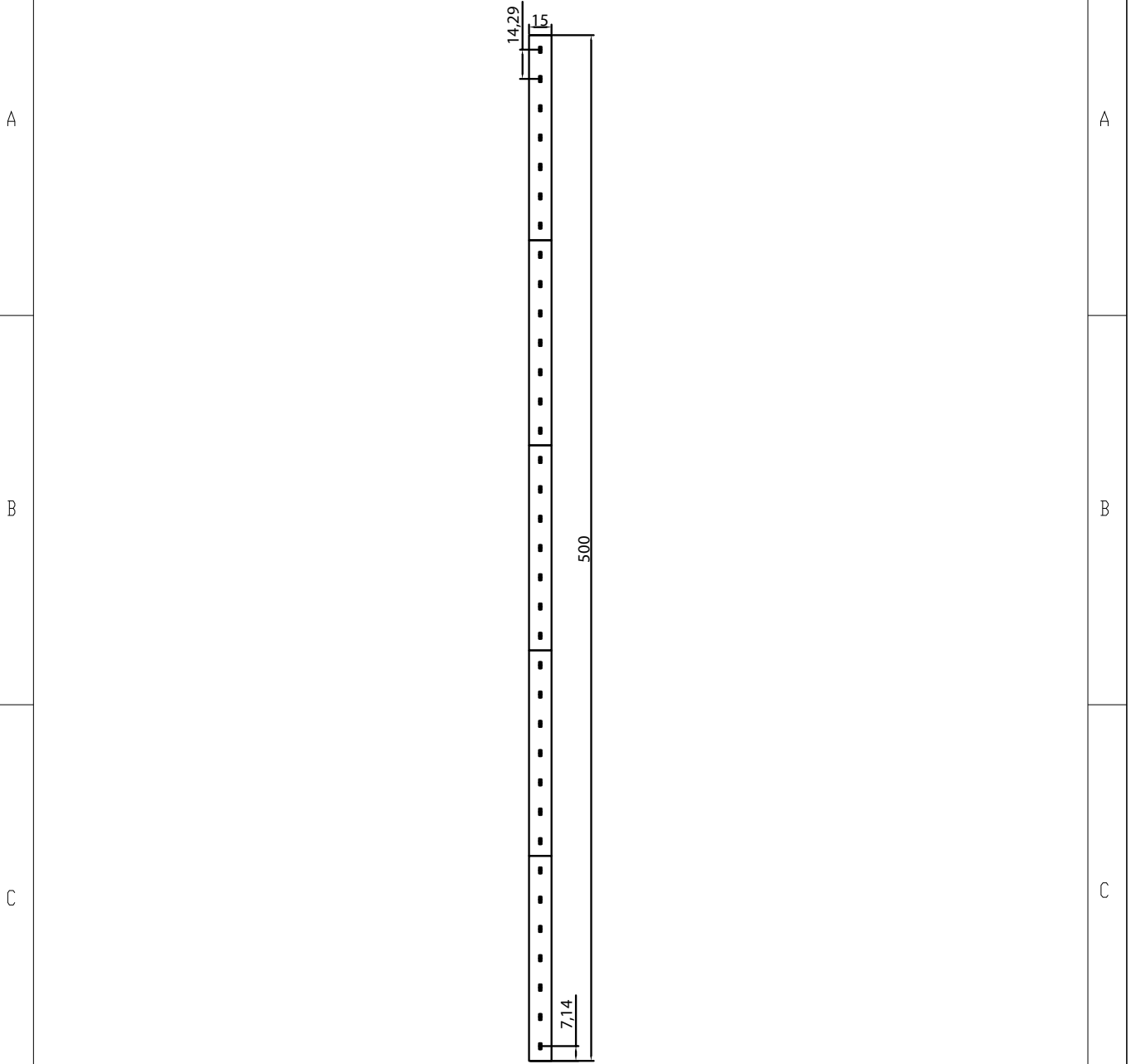
Common Characteristic [@Tj : 85°C];			
Module Code	X-ML15500LMxx-2835xx-35-24V-ICR		
PCB Material	ALU	Electrical Connection	
Operating Temperature (°C)	-40 ~ +85	Parallel	5
Storage Temperature (°C)	-40 ~ +55	Series	7
Thermal Conductivity (W/m-K)	1>	LED Quantity	35
<b>LED 2835HE</b>			
Correlated Color Temperature (CCT)	4000K		
Color Rendering Index (CRI)	80+		
Module Operating Voltage (V)	24,00	24,00	24,00
Module Operating Current (mA)	350	500	600
Branch Operating Current (mA)	70	100	120
Module Power (W)	8,40	12,00	14,40
Module Light Output (lm)	1.554	2.040	2.376
Module Efficiency (lm/W)	185	170	165
<b>LED 2835RA-2F1</b>			
Correlated Color Temperature (CCT)	4000K		
Color Rendering Index (CRI)	80+		
Module Operating Voltage (V)	24,00	24,00	24,00
Module Operating Current (mA)	350	500	600
Branch Operating Current (mA)	70	100	120
Module Power (W)	8,40	12,00	14,40
Module Light Output (lm)	1.386	1.824	2.131
Module Efficiency (lm/W)	165	152	148
<b>LED 2835RA-2Q1</b>			
Correlated Color Temperature (CCT)	4000K		
Color Rendering Index (CRI)	80+		
Module Operating Voltage (V)	24,00	24,00	24,00
Module Operating Current (mA)	350	500	600
Branch Operating Current (mA)	70	100	120
Module Power (W)	8,40	12,00	14,40
Module Light Output (lm)	1.302	1.704	1.987
Module Efficiency (lm/W)	155	142	138

The table below shows how to Module Light Output changes depending on CCT (°K)


LED	Lumen Output Multiplier				
	2700°K (CRI 80)	3000°K (CRI 80)	4000°K (CRI 80)	5000°K (CRI 80)	6500°K (CRI 80)
2835 HE	1	1,09	1,2	1,2	1,2
2835 RA-2F1	0,875	0,916	1	1	1
2835 RA-2Q1	0,74	0,78	0,86	0,86	0,86

Relative luminous intensity versus CCT (°K)

## X-ML15500LMxx-2835xx-35-24V-ICR MECHANICAL DRAWINGS



SERBEST ÖLÇÜ TOLERANSLARI -DIN 2768-1 / General Tolerances for linear and angular dimensions ( DIN ISO 2768-1)

0.5 up to 3mm	over 3 up to 6mm	over 6 up to 30mm	over 30 up to 120mm	over 120 up to 400mm	over 400 up to 1000mm
± 0.1	± 0.1	± 0.2	± 0.3	± 0.5	± 0.8
Stock code No		MALZEME (MATERIAL)	AGIRLIK (WEIGHT)		
Revision	00	XXX	XXX		
Date	10.12.2019	TLS-001-10L15500NC-35-24V		OLÇEK / SCALE	A4
Sheet					
Drawn By	Kaan ALTINTEN				
Checked By	Ibrahim OKMEN				
Approved By	Mesut CINAR				

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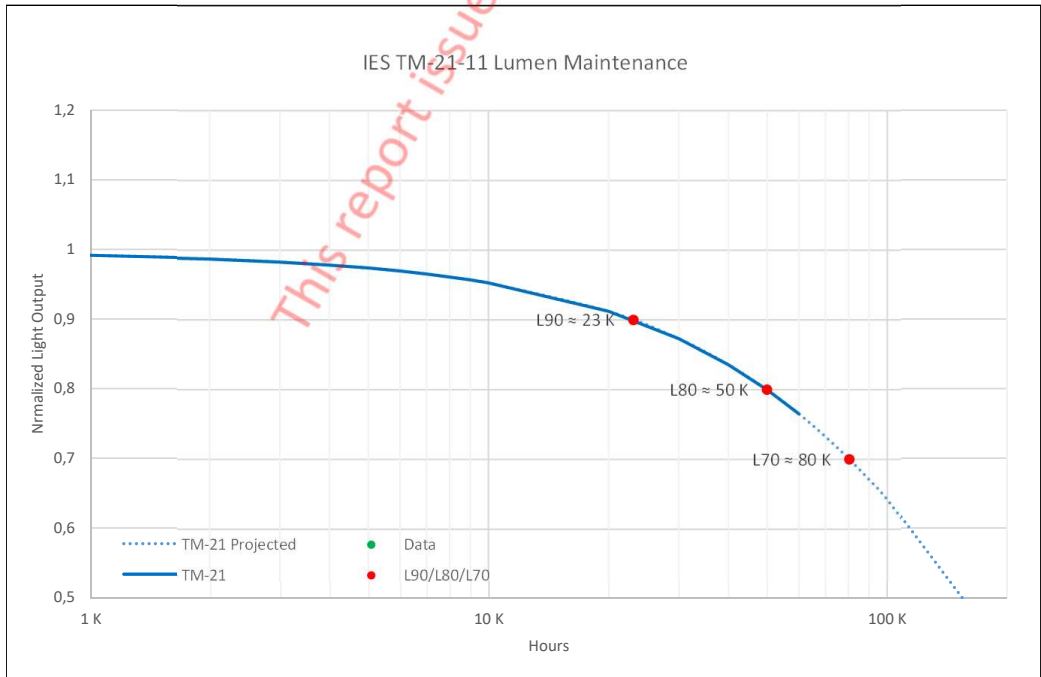


## LIFE TIME

MODEL NUMBER: 2835RA

Manufacturer	Lumileds
Model	2835RA
Test Report applies to the following part number	L128-4080RA3500xxx
Drive current for each LED package/array/module (mA)	150
In-situ case temperature (Tc, °C)	85

Part Number Tested	L128-3080RA3500Q1
Sample size	25
Number of failures	0
DUT drive current used in the test (mA)	150
Test duration (hours)	9000
Test duration used for projection (hour to hour)	4000-9000
Tested case temperature (°C)	85
$\alpha$	4,3890E-06
$B$	9,9600E-01
Calculated L70(10k) (hours)	80352
Reported L70(10k) (hours)	> 54000



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