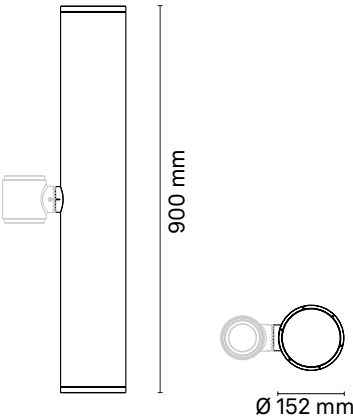


Nebula L | Luminaire



Ordering Information / Guide

Example: LUNEBLO-N-D02-827-L025-SP-V1-F14-M2-CN0

| Optique           | Ra+K               | Luminous flux   | Screen finish     | Power supply    | Driver Function  | ISO Class      | Finish                      |
|-------------------|--------------------|-----------------|-------------------|-----------------|------------------|----------------|-----------------------------|
| D67<br>Wide Flood | 827<br>Ra80 2700 K | L025<br>2500 lm | ST<br>Transparent | V1<br>220V-240V | F06<br>DALI+CLO  | M2<br>Class II | CN0<br>Grey [Neri] Textured |
| D66<br>Flood      | 830<br>Ra80 3000 K | L035<br>3500 lm | SP<br>Prismatic   |                 | F14<br>NVL6H+CLO |                |                             |
| D02<br>Type II    | 840<br>Ra80 4000 K | L045<br>4500 lm |                   |                 |                  |                |                             |
| D10<br>Type IV    |                    | L060<br>6000 lm |                   |                 |                  |                |                             |
| D65<br>Type VR    |                    |                 |                   |                 |                  |                |                             |

Generated code: LUNEBLO - N - \_ \_ \_ - \_ \_ \_ - \_ \_ \_ - \_ \_ \_ - \_ \_ \_ - \_ \_ \_

**CONFIGURATION NOTES**  
The product features shown in this datasheet cannot always be freely combined.  
To verify the configurations actually available and define the corresponding product code, please use the configurator available on our website.

Nebula L | Luminaire

SOURCE

|                                    |                              |
|------------------------------------|------------------------------|
| COB LED.                           | D                            |
| Energy-efficiency class            | 343-960 mA                   |
| LED forward current                | 16.4-47.7 W                  |
| Power rating                       | 2500-6000 lm                 |
| Nominal Flux                       | 2700 K, 3000 K, 4000 K       |
| Nominal CCT (Colour temperature)   | 80                           |
| Color Rendering Index (Ra)         | ≤3                           |
| Standard Deviation Colour Matching | L80B10 100000 h @ Tq = 25 °C |
| Rated lifetime                     |                              |

LIGHTING CHARACTERISTICS

|                          |                                                                               |
|--------------------------|-------------------------------------------------------------------------------|
| Single silicone lens.    |                                                                               |
| Optique                  | Wide Flood, Flood, Type II, Type IV, Type VR                                  |
| Optical efficiency       | LOR = 100% ULOR = 0%                                                          |
| LED quantity             | 1                                                                             |
| Cutoff Angle             | Cutoff C = 0, 75° γ = 0, 54°                                                  |
| Luminous flux            | 2500-6000 lm                                                                  |
| Luminous efficacy        | 112-123 lm/W                                                                  |
| Luminous intensity class | G*6                                                                           |
| IPEA                     | Road A4+ / A5+, Urban A4+ / A6+, Ped A3+ / A5+, Park A3+ / A5+, Art A7+ / A9+ |
| BUG                      | B=1-3, U=0, G=0-1                                                             |
| Photobiological safety   | RG1 - Low risk                                                                |

ELECTRICAL CHARACTERISTICS

|                       |                                                     |
|-----------------------|-----------------------------------------------------|
| Luminaire power       | 20.3-53.6 W                                         |
| Power supply          | 220V-240V~ 50/60Hz                                  |
| Power factor          | ≥0.99                                               |
| Insulation class      | Class II                                            |
| Control type - driver | DALI+CLO, NVL6H+CLO                                 |
| Safe Flicker          | PstLM=<1 e SVM=<0,4 (IEC TR 61547-1 e IEC TR 63158) |
| Ambient temperature   | -35 °C / +50 °C                                     |
| Driver included       | Yes                                                 |
| Cable type            | H07RN-F 2X1.5mm², H07RN-F 4X1.5mm²                  |
| Cable length          | 9 m                                                 |
| Surge protection      | 10kV CM - 6kV DM                                    |

MECHANICAL CHARACTERISTICS

|                                                                                                                                                            |                      |
|------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|
| Structure made of extruded aluminum and sheet aluminum with an external frame and integrated heat sink in cast aluminum.                                   |                      |
| Protective screen in extra-clear tempered flat glass, transparent or prismaticized, with silicone gaskets and exposed stainless steel or burnished screws. |                      |
| Central aluminum sheet cover for access to the tilt adjustment compartment.                                                                                |                      |
| Equipped with an osmotic valve for internal/external pressure balancing.                                                                                   |                      |
| Diameter                                                                                                                                                   | 152 mm               |
| Height                                                                                                                                                     | 900 mm               |
| Weight                                                                                                                                                     | 7 kg                 |
| Wind-exposed area                                                                                                                                          | 0.05 m²              |
| Protection degree                                                                                                                                          | IP66                 |
| Mechanical resistance                                                                                                                                      | IK08                 |
| Finish                                                                                                                                                     | Grey [Neri] Textured |

INSTALLATION

|                                                                                                                                       |
|---------------------------------------------------------------------------------------------------------------------------------------|
| Fixing via adjustable joint with continuous ±45° regulation and locking by means of two M6 grub screws with stainless steel locknuts. |
| Joint with tilt adjustment.                                                                                                           |
| Infinite adjustment possible without intermediate steps.                                                                              |
| Fastening via four M8 stainless steel grub screws with locknuts.                                                                      |

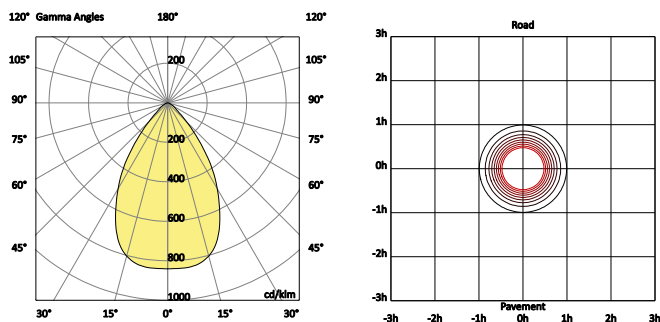
WARNINGS

|                                                                                                    |
|----------------------------------------------------------------------------------------------------|
| Luminaire designed for disposal/recycling at end-of-life.                                          |
| Replaceable (LED only) light source by a professional.                                             |
| Replaceable control gear by a professional.                                                        |
| Protection of surfaces: please refer to the specification on painting procedures of the materials. |

## Nebula L | Luminaire

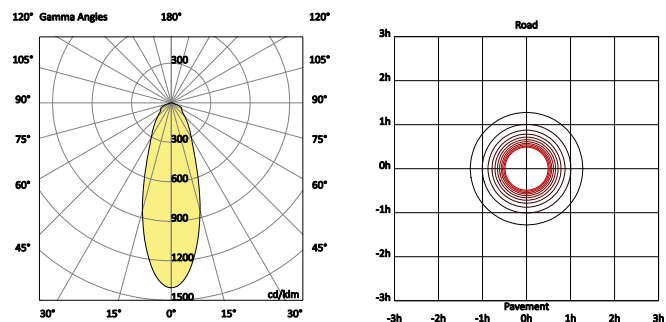
Optic: Wide Flood

Screen finish: Transparent



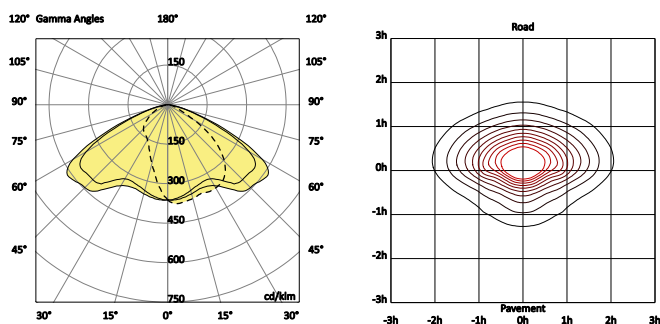
Optic: Flood

Screen finish: Transparent



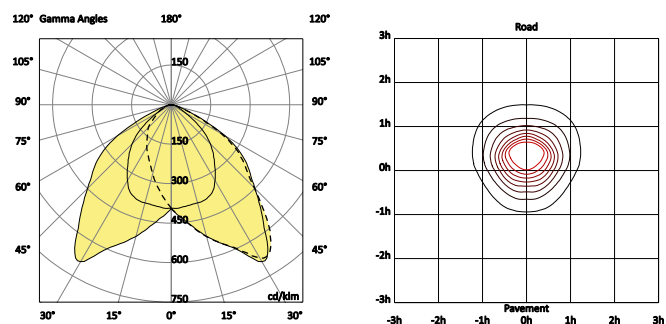
Optic: Type II

Screen finish: Prismatic



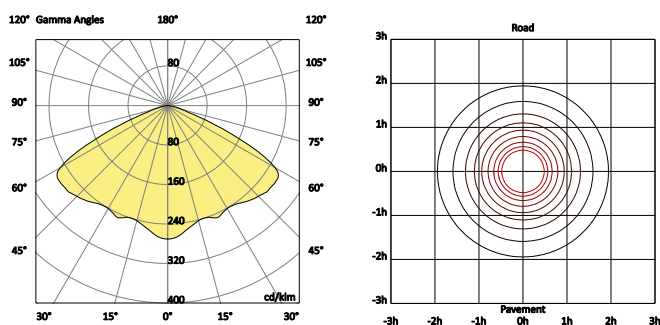
Optic: Type IV

Screen finish: Prismatic



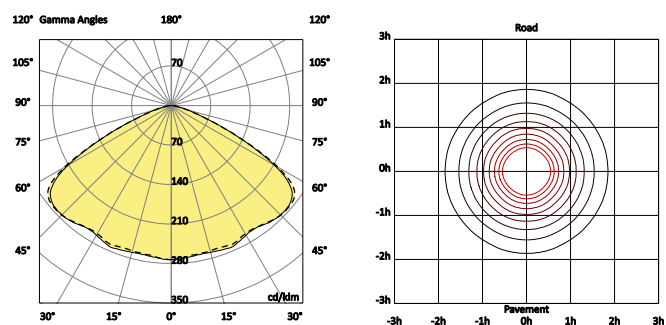
Optic: Type VR

Screen finish: Transparent



Optic: Type VR

Screen finish: Prismatic



Nebula L | Luminaire

Optic: Wide Flood

Screen finish: Transparent

| System        |             |      |      |        | Source |      |      | IPEA |       |     |      |     |
|---------------|-------------|------|------|--------|--------|------|------|------|-------|-----|------|-----|
| Luminous Flux | Nominal CCT | W    | lm/W | n° led | mA     | W    | lm/W | Road | Urban | Ped | Park | Art |
| 2500 lm       | 2700 K      | 21.8 | 115  | 1      | 368    | 17.7 | 141  | A4+  | A5+   | A4+ | A4+  | A8+ |
| 2500 lm       | 3000 K      | 20.9 | 120  | 1      | 352    | 16.9 | 148  | A5+  | A6+   | A4+ | A4+  | A8+ |
| 2500 lm       | 4000 K      | 20.3 | 123  | 1      | 343    | 16.4 | 152  | A5+  | A6+   | A5+ | A5+  | A9+ |
| 3500 lm       | 2700 K      | 30.3 | 116  | 1      | 524    | 25.4 | 138  | A4+  | A5+   | A4+ | A4+  | A8+ |
| 3500 lm       | 3000 K      | 29.2 | 120  | 1      | 501    | 24.3 | 144  | A5+  | A6+   | A4+ | A4+  | A8+ |
| 3500 lm       | 4000 K      | 28.4 | 123  | 1      | 488    | 23.6 | 148  | A5+  | A6+   | A5+ | A5+  | A9+ |
| 4500 lm       | 2700 K      | 39.4 | 114  | 1      | 691    | 33.9 | 133  | A4+  | A5+   | A4+ | A4+  | A8+ |
| 4500 lm       | 3000 K      | 37.7 | 119  | 1      | 659    | 32.3 | 139  | A5+  | A6+   | A4+ | A4+  | A8+ |
| 4500 lm       | 4000 K      | 36.7 | 123  | 1      | 641    | 31.3 | 144  | A5+  | A6+   | A5+ | A5+  | A9+ |
| 6000 lm       | 2700 K      | 53.6 | 112  | 1      | 960    | 47.7 | 126  | A4+  | A4+   | A3+ | A3+  | A7+ |
| 6000 lm       | 3000 K      | 51.1 | 117  | 1      | 914    | 45.3 | 132  | A5+  | A5+   | A4+ | A4+  | A8+ |
| 6000 lm       | 4000 K      | 49.7 | 121  | 1      | 888    | 43.9 | 137  | A5+  | A6+   | A5+ | A5+  | A9+ |

Optic: Flood

Screen finish: Transparent

| System        |             |      |      |        | Source |      |      | IPEA |       |     |      |     |
|---------------|-------------|------|------|--------|--------|------|------|------|-------|-----|------|-----|
| Luminous Flux | Nominal CCT | W    | lm/W | n° led | mA     | W    | lm/W | Road | Urban | Ped | Park | Art |
| 2500 lm       | 2700 K      | 21.8 | 115  | 1      | 368    | 17.7 | 141  | A4+  | A5+   | A4+ | A4+  | A8+ |
| 2500 lm       | 3000 K      | 20.9 | 120  | 1      | 352    | 16.9 | 148  | A5+  | A6+   | A4+ | A4+  | A8+ |
| 2500 lm       | 4000 K      | 20.3 | 123  | 1      | 343    | 16.4 | 152  | A5+  | A6+   | A5+ | A5+  | A9+ |
| 3500 lm       | 2700 K      | 30.3 | 116  | 1      | 524    | 25.4 | 138  | A4+  | A5+   | A4+ | A4+  | A8+ |
| 3500 lm       | 3000 K      | 29.2 | 120  | 1      | 501    | 24.3 | 144  | A5+  | A6+   | A4+ | A4+  | A8+ |
| 3500 lm       | 4000 K      | 28.4 | 123  | 1      | 488    | 23.6 | 148  | A5+  | A6+   | A5+ | A5+  | A9+ |
| 4500 lm       | 2700 K      | 39.4 | 114  | 1      | 691    | 33.9 | 133  | A4+  | A5+   | A4+ | A4+  | A8+ |
| 4500 lm       | 3000 K      | 37.7 | 119  | 1      | 659    | 32.3 | 139  | A5+  | A6+   | A4+ | A4+  | A8+ |
| 4500 lm       | 4000 K      | 36.7 | 123  | 1      | 641    | 31.3 | 144  | A5+  | A6+   | A5+ | A5+  | A9+ |
| 6000 lm       | 2700 K      | 53.6 | 112  | 1      | 960    | 47.7 | 126  | A4+  | A4+   | A3+ | A3+  | A7+ |
| 6000 lm       | 3000 K      | 51.1 | 117  | 1      | 914    | 45.3 | 132  | A5+  | A5+   | A4+ | A4+  | A8+ |
| 6000 lm       | 4000 K      | 49.7 | 121  | 1      | 888    | 43.9 | 137  | A5+  | A6+   | A5+ | A5+  | A9+ |

Nebula L | Luminaire

Optic: Type II

Screen finish: Prismatic

| System        |             |      |      |        | Source |      |      | IPEA |       |     |      |     |
|---------------|-------------|------|------|--------|--------|------|------|------|-------|-----|------|-----|
| Luminous Flux | Nominal CCT | W    | lm/W | n° led | mA     | W    | lm/W | Road | Urban | Ped | Park | Art |
| 2500 lm       | 2700 K      | 21.8 | 115  | 1      | 368    | 17.7 | 141  | A4+  | A5+   | A4+ | A4+  | A8+ |
| 2500 lm       | 3000 K      | 20.9 | 120  | 1      | 352    | 16.9 | 148  | A5+  | A6+   | A4+ | A4+  | A8+ |
| 2500 lm       | 4000 K      | 20.3 | 123  | 1      | 343    | 16.4 | 152  | A5+  | A6+   | A5+ | A5+  | A9+ |
| 3500 lm       | 2700 K      | 30.3 | 116  | 1      | 524    | 25.4 | 138  | A4+  | A5+   | A4+ | A4+  | A8+ |
| 3500 lm       | 3000 K      | 29.2 | 120  | 1      | 501    | 24.3 | 144  | A5+  | A6+   | A4+ | A4+  | A8+ |
| 3500 lm       | 4000 K      | 28.4 | 123  | 1      | 488    | 23.6 | 148  | A5+  | A6+   | A5+ | A5+  | A9+ |
| 4500 lm       | 2700 K      | 39.4 | 114  | 1      | 691    | 33.9 | 133  | A4+  | A5+   | A4+ | A4+  | A8+ |
| 4500 lm       | 3000 K      | 37.7 | 119  | 1      | 659    | 32.3 | 139  | A5+  | A6+   | A4+ | A4+  | A8+ |
| 4500 lm       | 4000 K      | 36.7 | 123  | 1      | 641    | 31.3 | 144  | A5+  | A6+   | A5+ | A5+  | A9+ |
| 6000 lm       | 2700 K      | 53.6 | 112  | 1      | 960    | 47.7 | 126  | A4+  | A4+   | A3+ | A3+  | A7+ |
| 6000 lm       | 3000 K      | 51.1 | 117  | 1      | 914    | 45.3 | 132  | A5+  | A5+   | A4+ | A4+  | A8+ |
| 6000 lm       | 3000 K      | 50.9 | 118  | 1      | 743    | 45.1 | 133  | A5+  | A5+   | A4+ | A4+  | A8+ |
| 6000 lm       | 4000 K      | 49.7 | 121  | 1      | 888    | 43.9 | 137  | A5+  | A6+   | A5+ | A5+  | A9+ |

Optic: Type IV

Screen finish: Prismatic

| System        |             |      |      |        | Source |      |      | IPEA |       |     |      |     |
|---------------|-------------|------|------|--------|--------|------|------|------|-------|-----|------|-----|
| Luminous Flux | Nominal CCT | W    | lm/W | n° led | mA     | W    | lm/W | Road | Urban | Ped | Park | Art |
| 2500 lm       | 2700 K      | 21.8 | 115  | 1      | 368    | 17.7 | 141  | A4+  | A5+   | A4+ | A4+  | A8+ |
| 2500 lm       | 3000 K      | 20.9 | 120  | 1      | 352    | 16.9 | 148  | A5+  | A6+   | A4+ | A4+  | A8+ |
| 2500 lm       | 4000 K      | 20.3 | 123  | 1      | 343    | 16.4 | 152  | A5+  | A6+   | A5+ | A5+  | A9+ |
| 3500 lm       | 2700 K      | 30.3 | 116  | 1      | 524    | 25.4 | 138  | A4+  | A5+   | A4+ | A4+  | A8+ |
| 3500 lm       | 3000 K      | 29.2 | 120  | 1      | 501    | 24.3 | 144  | A5+  | A6+   | A4+ | A4+  | A8+ |
| 3500 lm       | 4000 K      | 28.4 | 123  | 1      | 488    | 23.6 | 148  | A5+  | A6+   | A5+ | A5+  | A9+ |
| 4500 lm       | 2700 K      | 39.4 | 114  | 1      | 691    | 33.9 | 133  | A4+  | A5+   | A4+ | A4+  | A8+ |
| 4500 lm       | 3000 K      | 37.7 | 119  | 1      | 659    | 32.3 | 139  | A5+  | A6+   | A4+ | A4+  | A8+ |
| 4500 lm       | 4000 K      | 36.7 | 123  | 1      | 641    | 31.3 | 144  | A5+  | A6+   | A5+ | A5+  | A9+ |
| 6000 lm       | 2700 K      | 53.6 | 112  | 1      | 960    | 47.7 | 126  | A4+  | A4+   | A3+ | A3+  | A7+ |
| 6000 lm       | 3000 K      | 51.1 | 117  | 1      | 914    | 45.3 | 132  | A5+  | A5+   | A4+ | A4+  | A8+ |
| 6000 lm       | 4000 K      | 49.7 | 121  | 1      | 888    | 43.9 | 137  | A5+  | A6+   | A5+ | A5+  | A9+ |

## Nebula L | Luminaire

Optic: Type VR

Screen finish: Transparent

| System        |             |      |      |        | Source |      |      | IPEA |       |     |      |     |
|---------------|-------------|------|------|--------|--------|------|------|------|-------|-----|------|-----|
| Luminous Flux | Nominal CCT | W    | lm/W | n° led | mA     | W    | lm/W | Road | Urban | Ped | Park | Art |
| 2500 lm       | 2700 K      | 21.8 | 115  | 1      | 368    | 17.7 | 141  | A4+  | A5+   | A4+ | A4+  | A8+ |
| 2500 lm       | 3000 K      | 20.9 | 120  | 1      | 352    | 16.9 | 148  | A5+  | A6+   | A4+ | A4+  | A8+ |
| 2500 lm       | 4000 K      | 20.3 | 123  | 1      | 343    | 16.4 | 152  | A5+  | A6+   | A5+ | A5+  | A9+ |
| 3500 lm       | 2700 K      | 30.3 | 116  | 1      | 524    | 25.4 | 138  | A4+  | A5+   | A4+ | A4+  | A8+ |
| 3500 lm       | 3000 K      | 29.2 | 120  | 1      | 501    | 24.3 | 144  | A5+  | A6+   | A4+ | A4+  | A8+ |
| 3500 lm       | 4000 K      | 28.4 | 123  | 1      | 488    | 23.6 | 148  | A5+  | A6+   | A5+ | A5+  | A9+ |
| 4500 lm       | 2700 K      | 39.4 | 114  | 1      | 691    | 33.9 | 133  | A4+  | A5+   | A4+ | A4+  | A8+ |
| 4500 lm       | 3000 K      | 37.7 | 119  | 1      | 659    | 32.3 | 139  | A5+  | A6+   | A4+ | A4+  | A8+ |
| 4500 lm       | 4000 K      | 36.7 | 123  | 1      | 641    | 31.3 | 144  | A5+  | A6+   | A5+ | A5+  | A9+ |
| 6000 lm       | 2700 K      | 53.6 | 112  | 1      | 960    | 47.7 | 126  | A4+  | A4+   | A3+ | A3+  | A7+ |
| 6000 lm       | 3000 K      | 51.1 | 117  | 1      | 914    | 45.3 | 132  | A5+  | A5+   | A4+ | A4+  | A8+ |
| 6000 lm       | 4000 K      | 49.7 | 121  | 1      | 888    | 43.9 | 137  | A5+  | A6+   | A5+ | A5+  | A9+ |

Optic: Type VR

Screen finish: Prismatic

| System        |             |      |      |        | Source |      |      | IPEA |       |     |      |     |
|---------------|-------------|------|------|--------|--------|------|------|------|-------|-----|------|-----|
| Luminous Flux | Nominal CCT | W    | lm/W | n° led | mA     | W    | lm/W | Road | Urban | Ped | Park | Art |
| 2500 lm       | 2700 K      | 21.8 | 115  | 1      | 368    | 17.7 | 141  | A4+  | A5+   | A4+ | A4+  | A8+ |
| 2500 lm       | 3000 K      | 20.9 | 120  | 1      | 352    | 16.9 | 148  | A5+  | A6+   | A4+ | A4+  | A8+ |
| 2500 lm       | 4000 K      | 20.3 | 123  | 1      | 343    | 16.4 | 152  | A5+  | A6+   | A5+ | A5+  | A9+ |
| 3500 lm       | 2700 K      | 30.3 | 116  | 1      | 524    | 25.4 | 138  | A4+  | A5+   | A4+ | A4+  | A8+ |
| 3500 lm       | 3000 K      | 29.2 | 120  | 1      | 501    | 24.3 | 144  | A5+  | A6+   | A4+ | A4+  | A8+ |
| 3500 lm       | 4000 K      | 28.4 | 123  | 1      | 488    | 23.6 | 148  | A5+  | A6+   | A5+ | A5+  | A9+ |
| 4500 lm       | 2700 K      | 39.4 | 114  | 1      | 691    | 33.9 | 133  | A4+  | A5+   | A4+ | A4+  | A8+ |
| 4500 lm       | 3000 K      | 37.7 | 119  | 1      | 659    | 32.3 | 139  | A5+  | A6+   | A4+ | A4+  | A8+ |
| 4500 lm       | 4000 K      | 36.7 | 123  | 1      | 641    | 31.3 | 144  | A5+  | A6+   | A5+ | A5+  | A9+ |
| 6000 lm       | 2700 K      | 53.6 | 112  | 1      | 960    | 47.7 | 126  | A4+  | A4+   | A3+ | A3+  | A7+ |
| 6000 lm       | 3000 K      | 51.1 | 117  | 1      | 914    | 45.3 | 132  | A5+  | A5+   | A4+ | A4+  | A8+ |
| 6000 lm       | 4000 K      | 49.7 | 121  | 1      | 888    | 43.9 | 137  | A5+  | A6+   | A5+ | A5+  | A9+ |