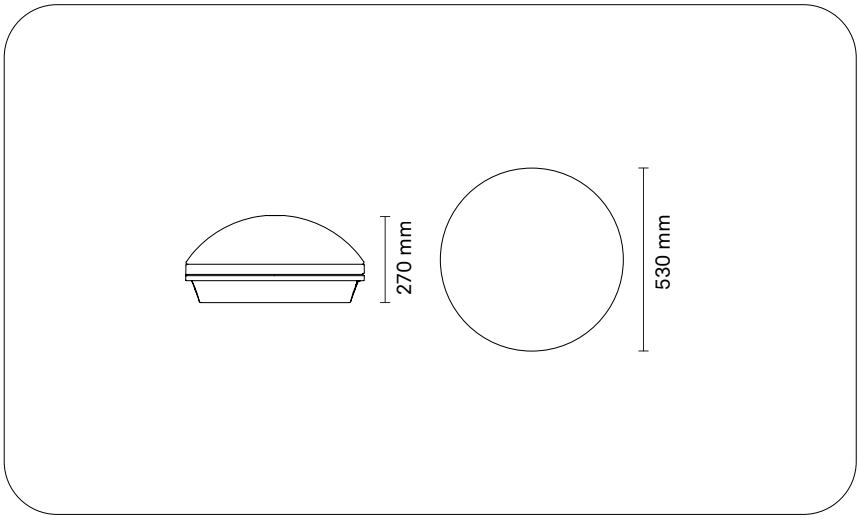
NERI

| | |
|---|---|
| Project location: | Fixture type: Qty: |
| Project name: | Notes: |

## LIGHT 34 | LUMINAIRE | LATERAL






CE IP66 IK09 Classe II

## ORDERING INFORMATION / GUIDE

Example**: CN343-N-D20-730-L060-ST-V1-F02-M2-CN0**

| OPTIQUE | RA+K | LUMINOUS FLUX | SCREEN FINISH | POWER SUPPLY | DRIVER FUNCTION | ISO CLASS | FINISH |
|---|---|---|---|---|---|---|---|
| **D28** Type I - Center road | **730** Ra70 3000 K | **L060** 6000 lm | **ST** Transparent | **V1** 220V-240V | **F02** 1-10V+CLO | **M2** Class II | **CN0** Grey [Neri] Textured |
| **D20** Type II - A | **740** Ra70 4000 K | **L075** 7500 lm | | | **F06** DALI+CLO | | |
| **D21** Type II - A | | **L090** 9000 lm | | | **F04** Ampdim+CLO | | |
| **D22** Type III - B | | **L105** 10500 lm | | | **F14** NVL6H+CLO | | |
| **D24** Type IV - Forward throw | | **L120** 12000 lm | | | | | |
| **D30** Type V - Rotosymmetric | | | | | | | |
| **D23** Cross walk DX | | | | | | | |

Generated code: **CN343 - N** - _ _ _ - _ _ _ - _ _ _ _ - _ _ - _ _ - _ _ _ - _ _ - _ _ _

**ON REQUEST**
Non-standard variants and configurations available upon request. Please contact Neri for further information.


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## LIGHT 34 | LUMINAIRE | LATERAL

### SOURCE
High-power LED matrix.

**Energy-efficiency class:** D
**LED forward current:** 394-661 mA
**Power rating:** 42-101 W
**Nominal Flux:** 6000-12000 lm
**Nominal CCT (Colour temperature):** 3000 K, 4000 K
**Color Rendering Index (Ra):** 70
**Standard Deviation Colour Matching:** ≤5
**Rated lifetime:** L90B10 100000 h @ Tq = 25 °C

### LIGHTING CHARACTERISTICS
Modular 2x2 refractive lenses in PMMA.

**Optique:** Type I - Center road, Type II - A, Type III - B, Type IV - Forward throw, Type V - Rotosymmetric, Cross walk DX
**Optical efficiency:** LOR = 100% ULOR = 0%
**LED quantity:** 36, 48
**Cutoff Angle:** Cutoff, Semi Cutoff C = 0, 50° γ = 48, 74°
**Luminous flux:** 6000-12000 lm
**Luminous efficacy:** 99-129 lm/W
**Luminous intensity class:** G*2, G*3, G*4, G*6
**IPEA:** Road A++ / A6+, Urban A3+ / A7+, Ped A++ / A6+, Park A++ / A6+, Art A4+ / A10+
**BUG:** B=1-4, U=0, G=1-3
**Photobiological safety:** RG1 - Low risk

### ELECTRICAL CHARACTERISTICS
Compliant with standards EN 60598-1; EN 60598-2-3; EN 62031; EN 55015 EMC; EN 61547 EMC; EN 61000-3-2/3; IEC/TR 62778.

**Luminaire power:** 49-111 W
**Power supply:** 220V-240V~ 50/60Hz
**Insulation class:** Class II
**Control type - driver:** 1-10V+CLO, DALI+CLO, Ampdim+CLO, NVL6H+CLO
**Ambient temperature:** -35 °C / +40 °C
**Driver included:** No

### MECHANICAL CHARACTERISTICS
Structure made of die-cast and sheet aluminium (UNI EN 1706) with a tilting frame for access to the electrical and optical auxiliary compartment.
Extra-clear tempered glass screen with IK08 impact resistance (EN 62262), extruded aluminium heat sink, and brass fitting.
Silicone gasket between upper and lower frame and stainless steel fastening elements, supported by galvanized steel sheet.

**Diameter:** 530 mm
**Height:** 270 mm
**Weight:** 11.5 kg
**Wind-exposed area:** 0.11 m²
**Protection degree:** IP66
**Mechanical resistance:** IK09
**Finish:** Grey [Neri] Textured

### INSTALLATION
Side mounting.

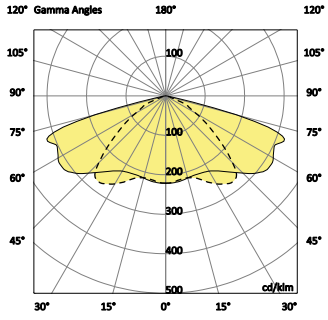
### WARNINGS
Luminaire designed for disposal/recycling at end-of-life.
Replaceable (LED only) light source by a professional.
Replaceable control gear by a professional.
Protection of surfaces: please refer to the specification on painting procedures of the materials.

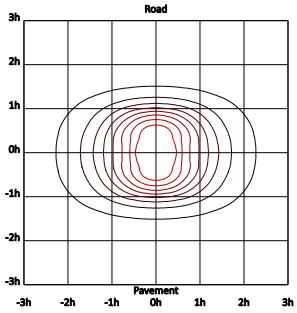

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## LIGHT 34 | LUMINAIRE | LATERAL

**Optic:** Type I - Center road

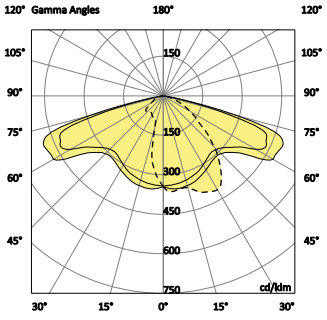
**Screen finish:** Transparent

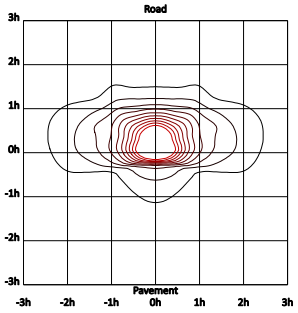



**Optic:** Type II - A

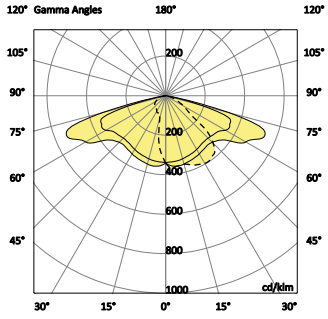
**Screen finish:** Transparent

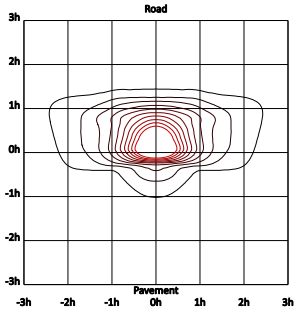



**Optic:** Type II - A

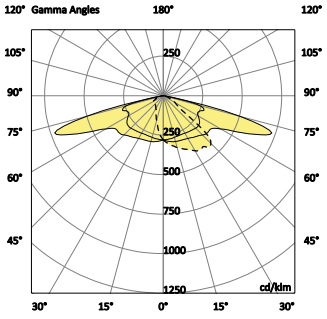
**Screen finish:** Transparent

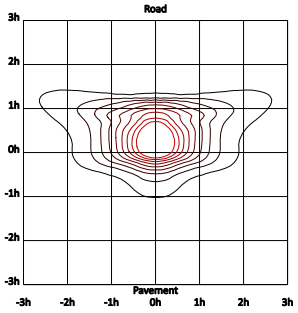



**Optic:** Type III - B

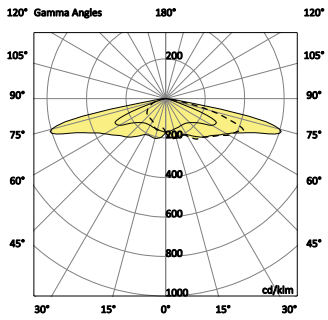
**Screen finish:** Transparent

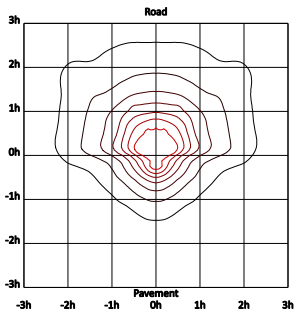



**Optic:** Type IV - Forward throw

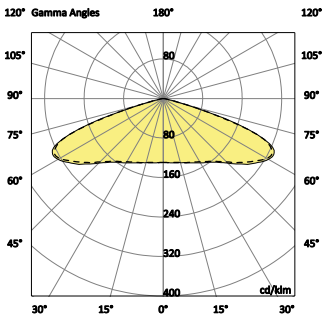
**Screen finish:** Transparent

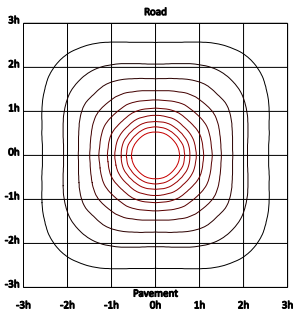



**Optic:** Type V - Rotosymmetric

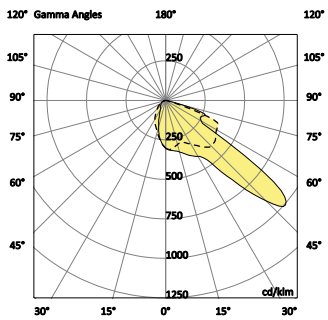
**Screen finish:** Transparent

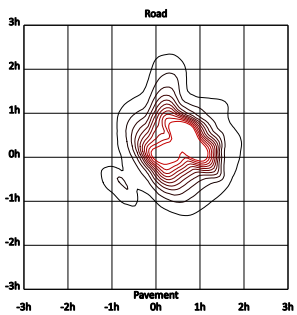



**Optic:** Cross walk DX

**Screen finish:** Transparent





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## LIGHT 34 | LUMINAIRE | LATERAL

### **Optic:** Type I - Center road

### **Screen finish:** Transparent

| System | | | | | Source | | | IPEA | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Luminous Flux** | **Nominal CCT** | **W** | **lm/W** | **n° led** | **mA** | **W** | **lm/W** | **Road** | **Urban** | **Ped** | **Park** | **Art** |
| 6000 lm | 3000 K | 53 | 113 | 36 | 416 | 46 | 130 | A4+ | A5+ | A4+ | A4+ | A7+ |
| 6000 lm | 4000 K | 49 | 122 | 36 | 394 | 42 | 143 | A5+ | A6+ | A5+ | A5+ | A9+ |
| 7500 lm | 3000 K | 66 | 114 | 36 | 535 | 59 | 127 | A4+ | A5+ | A3+ | A3+ | A7+ |
| 7500 lm | 3000 K | 66 | 114 | 36 | 661 | 59 | 127 | A4+ | A5+ | A3+ | A3+ | A7+ |
| 7500 lm | 4000 K | 58 | 129 | 36 | 506 | 52 | 144 | A6+ | A7+ | A6+ | A6+ | A10+ |
| 9000 lm | 3000 K | 85 | 106 | 48 | 661 | 75 | 120 | A3+ | A4+ | A++ | A++ | A6+ |
| 9000 lm | 4000 K | 73 | 123 | 48 | 625 | 65 | 138 | A5+ | A6+ | A4+ | A4+ | A9+ |
| 10500 lm | 3000 K | 106 | 99 | 48 | 566 | 96 | 109 | A | A3+ | A | A | A4+ |
| 10500 lm | 4000 K | 90 | 117 | 48 | 535 | 81 | 130 | A3+ | A5+ | A++ | A++ | A6+ |
| 12000 lm | 3000 K | 111 | 108 | 48 | 661 | 101 | 119 | A++ | A4+ | A+ | A+ | A5+ |
| 12000 lm | 4000 K | 111 | 108 | 48 | 625 | 101 | 119 | A++ | A4+ | A+ | A+ | A5+ |

### **Optic:** Type II - A

### **Screen finish:** Transparent

| System | | | | | Source | | | IPEA | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Luminous Flux** | **Nominal CCT** | **W** | **lm/W** | **n° led** | **mA** | **W** | **lm/W** | **Road** | **Urban** | **Ped** | **Park** | **Art** |
| 6000 lm | 3000 K | 53 | 113 | 36 | 416 | 46 | 130 | A4+ | A5+ | A4+ | A4+ | A7+ |
| 6000 lm | 4000 K | 49 | 122 | 36 | 394 | 42 | 143 | A5+ | A6+ | A5+ | A5+ | A9+ |
| 7500 lm | 3000 K | 66 | 114 | 36 | 535 | 59 | 127 | A4+ | A5+ | A3+ | A3+ | A7+ |
| 7500 lm | 3000 K | 66 | 114 | 36 | 661 | 59 | 127 | A4+ | A5+ | A3+ | A3+ | A7+ |
| 7500 lm | 4000 K | 58 | 129 | 36 | 506 | 52 | 144 | A6+ | A7+ | A6+ | A6+ | A10+ |
| 9000 lm | 3000 K | 85 | 106 | 48 | 661 | 75 | 120 | A3+ | A4+ | A++ | A++ | A6+ |
| 9000 lm | 4000 K | 73 | 123 | 48 | 625 | 65 | 138 | A5+ | A6+ | A4+ | A4+ | A9+ |
| 10500 lm | 3000 K | 106 | 99 | 48 | 566 | 96 | 109 | A | A3+ | A | A | A4+ |
| 10500 lm | 4000 K | 90 | 117 | 48 | 535 | 81 | 130 | A3+ | A5+ | A++ | A++ | A6+ |
| 12000 lm | 3000 K | 111 | 108 | 48 | 661 | 101 | 119 | A++ | A4+ | A+ | A+ | A5+ |
| 12000 lm | 4000 K | 111 | 108 | 48 | 625 | 101 | 119 | A++ | A4+ | A+ | A+ | A5+ |

### **Optic:** Type II - A

### **Screen finish:** Transparent

| System | | | | | Source | | | IPEA | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Luminous Flux** | **Nominal CCT** | **W** | **lm/W** | **n° led** | **mA** | **W** | **lm/W** | **Road** | **Urban** | **Ped** | **Park** | **Art** |
| 6000 lm | 3000 K | 53 | 113 | 36 | 416 | 46 | 130 | A4+ | A5+ | A4+ | A4+ | A7+ |
| 6000 lm | 4000 K | 49 | 122 | 36 | 394 | 42 | 143 | A5+ | A6+ | A5+ | A5+ | A9+ |
| 7500 lm | 3000 K | 66 | 114 | 36 | 535 | 59 | 127 | A4+ | A5+ | A3+ | A3+ | A7+ |
| 7500 lm | 3000 K | 66 | 114 | 36 | 661 | 59 | 127 | A4+ | A5+ | A3+ | A3+ | A7+ |
| 7500 lm | 4000 K | 58 | 129 | 36 | 506 | 52 | 144 | A6+ | A7+ | A6+ | A6+ | A10+ |
| 9000 lm | 3000 K | 85 | 106 | 48 | 661 | 75 | 120 | A3+ | A4+ | A++ | A++ | A6+ |
| 9000 lm | 4000 K | 73 | 123 | 48 | 625 | 65 | 138 | A5+ | A6+ | A4+ | A4+ | A9+ |
| 10500 lm | 3000 K | 106 | 99 | 48 | 566 | 96 | 109 | A | A3+ | A | A | A4+ |
| 10500 lm | 4000 K | 90 | 117 | 48 | 535 | 81 | 130 | A3+ | A5+ | A++ | A++ | A6+ |
| 12000 lm | 3000 K | 111 | 108 | 48 | 661 | 101 | 119 | A++ | A4+ | A+ | A+ | A5+ |
| 12000 lm | 4000 K | 111 | 108 | 48 | 625 | 101 | 119 | A++ | A4+ | A+ | A+ | A5+ |


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## LIGHT 34 | LUMINAIRE | LATERAL

### **Optic:** Type III - B

### **Screen finish:** Transparent

| System | | | | | Source | | | IPEA | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Luminous Flux** | **Nominal CCT** | **W** | **lm/W** | **n° led** | **mA** | **W** | **lm/W** | **Road** | **Urban** | **Ped** | **Park** | **Art** |
| 6000 lm | 3000 K | 53 | 113 | 36 | 416 | 46 | 130 | A4+ | A5+ | A4+ | A4+ | A7+ |
| 6000 lm | 4000 K | 49 | 122 | 36 | 394 | 42 | 143 | A5+ | A6+ | A5+ | A5+ | A9+ |
| 7500 lm | 3000 K | 66 | 114 | 36 | 535 | 59 | 127 | A4+ | A5+ | A3+ | A3+ | A7+ |
| 7500 lm | 3000 K | 66 | 114 | 36 | 661 | 59 | 127 | A4+ | A5+ | A3+ | A3+ | A7+ |
| 7500 lm | 4000 K | 58 | 129 | 36 | 506 | 52 | 144 | A6+ | A7+ | A6+ | A6+ | A10+ |
| 9000 lm | 3000 K | 85 | 106 | 48 | 661 | 75 | 120 | A3+ | A4+ | A++ | A++ | A6+ |
| 9000 lm | 4000 K | 73 | 123 | 48 | 625 | 65 | 138 | A5+ | A6+ | A4+ | A4+ | A9+ |
| 10500 lm | 3000 K | 106 | 99 | 48 | 566 | 96 | 109 | A | A3+ | A | A | A4+ |
| 10500 lm | 4000 K | 90 | 117 | 48 | 535 | 81 | 130 | A3+ | A5+ | A++ | A++ | A6+ |
| 12000 lm | 3000 K | 111 | 108 | 48 | 661 | 101 | 119 | A++ | A4+ | A+ | A+ | A5+ |
| 12000 lm | 4000 K | 111 | 108 | 48 | 625 | 101 | 119 | A++ | A4+ | A+ | A+ | A5+ |

### **Optic:** Type IV - Forward throw

### **Screen finish:** Transparent

| System | | | | | Source | | | IPEA | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Luminous Flux** | **Nominal CCT** | **W** | **lm/W** | **n° led** | **mA** | **W** | **lm/W** | **Road** | **Urban** | **Ped** | **Park** | **Art** |
| 6000 lm | 3000 K | 53 | 113 | 36 | 416 | 46 | 130 | A4+ | A5+ | A4+ | A4+ | A7+ |
| 6000 lm | 4000 K | 49 | 122 | 36 | 394 | 42 | 143 | A5+ | A6+ | A5+ | A5+ | A9+ |
| 7500 lm | 3000 K | 66 | 114 | 36 | 535 | 59 | 127 | A4+ | A5+ | A3+ | A3+ | A7+ |
| 7500 lm | 3000 K | 66 | 114 | 36 | 661 | 59 | 127 | A4+ | A5+ | A3+ | A3+ | A7+ |
| 7500 lm | 4000 K | 58 | 129 | 36 | 506 | 52 | 144 | A6+ | A7+ | A6+ | A6+ | A10+ |
| 9000 lm | 3000 K | 85 | 106 | 48 | 661 | 75 | 120 | A3+ | A4+ | A++ | A++ | A6+ |
| 9000 lm | 4000 K | 73 | 123 | 48 | 625 | 65 | 138 | A5+ | A6+ | A4+ | A4+ | A9+ |
| 10500 lm | 3000 K | 106 | 99 | 48 | 566 | 96 | 109 | A | A3+ | A | A | A4+ |
| 10500 lm | 4000 K | 90 | 117 | 48 | 535 | 81 | 130 | A3+ | A5+ | A++ | A++ | A6+ |
| 12000 lm | 3000 K | 111 | 108 | 48 | 661 | 101 | 119 | A++ | A4+ | A+ | A+ | A5+ |
| 12000 lm | 4000 K | 111 | 108 | 48 | 625 | 101 | 119 | A++ | A4+ | A+ | A+ | A5+ |

### **Optic:** Type V - Rotosymmetric

### **Screen finish:** Transparent

| System | | | | | Source | | | IPEA | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Luminous Flux** | **Nominal CCT** | **W** | **lm/W** | **n° led** | **mA** | **W** | **lm/W** | **Road** | **Urban** | **Ped** | **Park** | **Art** |
| 6000 lm | 3000 K | 53 | 113 | 36 | 416 | 46 | 130 | A4+ | A5+ | A4+ | A4+ | A7+ |
| 6000 lm | 4000 K | 49 | 122 | 36 | 394 | 42 | 143 | A5+ | A6+ | A5+ | A5+ | A9+ |
| 7500 lm | 3000 K | 66 | 114 | 36 | 535 | 59 | 127 | A4+ | A5+ | A3+ | A3+ | A7+ |
| 7500 lm | 3000 K | 66 | 114 | 36 | 661 | 59 | 127 | A4+ | A5+ | A3+ | A3+ | A7+ |
| 7500 lm | 4000 K | 58 | 129 | 36 | 506 | 52 | 144 | A6+ | A7+ | A6+ | A6+ | A10+ |
| 9000 lm | 3000 K | 85 | 106 | 48 | 661 | 75 | 120 | A3+ | A4+ | A++ | A++ | A6+ |
| 9000 lm | 4000 K | 73 | 123 | 48 | 625 | 65 | 138 | A5+ | A6+ | A4+ | A4+ | A9+ |
| 10500 lm | 3000 K | 106 | 99 | 48 | 566 | 96 | 109 | A | A3+ | A | A | A4+ |
| 10500 lm | 4000 K | 90 | 117 | 48 | 535 | 81 | 130 | A3+ | A5+ | A++ | A++ | A6+ |
| 12000 lm | 3000 K | 111 | 108 | 48 | 661 | 101 | 119 | A++ | A4+ | A+ | A+ | A5+ |
| 12000 lm | 4000 K | 111 | 108 | 48 | 625 | 101 | 119 | A++ | A4+ | A+ | A+ | A5+ |


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## LIGHT 34 | LUMINAIRE | LATERAL

**Optic:** Cross walk DX

**Screen finish:** Transparent

| System | | | | | Source | | | IPEA | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Luminous Flux** | **Nominal CCT** | **W** | **lm/W** | **n° led** | **mA** | **W** | **lm/W** | **Road** | **Urban** | **Ped** | **Park** | **Art** |
| 6000 lm | 3000 K | 53 | 113 | 36 | 416 | 46 | 130 | A4+ | A5+ | A4+ | A4+ | A7+ |
| 6000 lm | 4000 K | 49 | 122 | 36 | 394 | 42 | 143 | A5+ | A6+ | A5+ | A5+ | A9+ |
| 7500 lm | 3000 K | 66 | 114 | 36 | 535 | 59 | 127 | A4+ | A5+ | A3+ | A3+ | A7+ |
| 7500 lm | 3000 K | 66 | 114 | 36 | 661 | 59 | 127 | A4+ | A5+ | A3+ | A3+ | A7+ |
| 7500 lm | 4000 K | 58 | 129 | 36 | 506 | 52 | 144 | A6+ | A7+ | A6+ | A6+ | A10+ |
| 9000 lm | 3000 K | 85 | 106 | 48 | 661 | 75 | 120 | A3+ | A4+ | A++ | A++ | A6+ |
| 9000 lm | 4000 K | 73 | 123 | 48 | 625 | 65 | 138 | A5+ | A6+ | A4+ | A4+ | A9+ |
| 10500 lm | 3000 K | 106 | 99 | 48 | 566 | 96 | 109 | A | A3+ | A | A | A4+ |
| 10500 lm | 4000 K | 90 | 117 | 48 | 535 | 81 | 130 | A3+ | A5+ | A++ | A++ | A6+ |
| 12000 lm | 3000 K | 111 | 108 | 48 | 661 | 101 | 119 | A++ | A4+ | A+ | A+ | A5+ |
| 12000 lm | 4000 K | 111 | 108 | 48 | 625 | 101 | 119 | A++ | A4+ | A+ | A+ | A5+ |


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