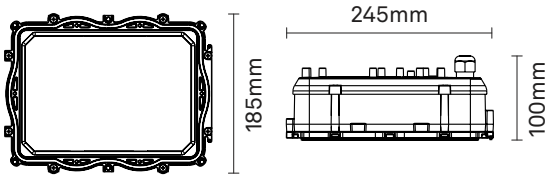
# RNC21 | Refitting kit




Ordering Information / Guide

Example**: RNC21-N-D28-730-L025-ST-V1-F02-M2-CW0**

| Optique | Ra+K | Luminous flux | Screen finish | Power supply | Driver Function | ISO Class | Finish |
|---|---|---|---|---|---|---|---|
| **D28** Type I - Center road | **722** Ra70 2200 K | **L015** 1500 lm | **ST** Transparent | **V1** 220V-240V | **F27** ON/OFF+CLO | **M1** Class I | **CW0** White [RAL 9010] Matt |
| **D36** Type II - Asymmetric | **727** Ra70 2700 K | **L025** 2500 lm | **SP** Prismatic | | **F02** 1-10V+CLO | **M2** Class II | |
| **D22** Type III - B | **730** Ra70 3000 K | **L035** 3500 lm | | | **F06** DALI+CLO | | |
| **D25** Type III - C | **740** Ra70 4000 K | **L045** 4500 lm | | | **F10** D4i+ZHAGA | | |
| **D37** Type III - Asymmetric | **8T2** Ra80 TW 2200-4000 K | **L060** 6000 lm | | | **F04** Ampdim+CLO | | |
| **D24** Type IV - Forward throw | | **L070** 7000 lm | | | **F14** NVL6H+CLO | | |
| **D38** Type IV - C | | **L075** 7500 lm | | | **F50** NVLK+CLO | | |
| **D30** Type V - Rotosymmetric | | **L090** 9000 lm | | | | | |

Generated code: **RNC21 - 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.


Property of Neri S.p.A. - Reproduction and use for unauthorized purposes is prohibited.
Neri reserves the right to make changes to its products and documentation without prior notice.

# RNC21 | Refitting kit

## SOURCE

High-power LED matrix.

| | |
|---|---|
| **Energy-efficiency class** | C, D, E |
| **LED forward current** | 176-816 mA |
| **Power rating** | 7.5-55.3 W |
| **Nominal Flux** | 1500-9000 lm |
| **Nominal CCT (Colour temperature)** | 2200 K, 2700 K, 3000 K, 4000 K, TW 2200-4000 K |
| **Color Rendering Index (Ra)** | 70, 80 |
| **Standard Deviation Colour Matching** | ≤5 |
| **ANSI/IES TM-30** | Rf = 73-78 Rg = 91-96 |
| **Rated lifetime** | L90B10 100000 h @ Tq = 25 °C |

## LIGHTING CHARACTERISTICS

Modular 2x2 refractive lenses in PMMA.

| | |
|---|---|
| **Optique** | Type I - Center road, Type II - Asymmetric, Type III - B, Type III - C, Type III - Asymmetric, Type IV - Forward throw, Type IV - C, Type V - Rotosymmetric |
| **Optical efficiency** | LOR = 100% ULOR = 0% |
| **LED quantity** | 16, 24 |
| **Cutoff Angle** | Cutoff, Semi Cutoff C = 0, 310° γ = 46, 70° |
| **Luminous flux** | 1500-9000 lm |
| **Luminous efficacy** | 110-171 lm/W |
| **Luminous intensity class** | G*2, G*3, G*4, G*6 |
| **IPEA** | Road A4+ / A12+, Urban A4+ / A12+, Ped A3+ / A11+, Park A3+ / A11+, Art A7+ / A12+ |
| **BUG** | B=0-3, U=0, G=0-2 |
| **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.
ENEC safety mark.

| | |
|---|---|
| **Luminaire power** | 9.6-61.4 W |
| **Power supply** | 220V-240V~ 50/60Hz |
| **Power factor** | ≥0.99 |
| **Insulation class** | Class I, Class II |
| **Control type - driver** | ON/OFF+CLO, 1-10V+CLO, DALI+CLO, D4i+ZHAGA, Ampdim+CLO, NVL6H+CLO, NVLK+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** | H05RN-F 2X1mm², H05RN-F 3G1mm², H05RN-F 4X1mm², H05RN-F 5G1mm² |
| **Cable length** | 0.45 m, 0.57 m |
| **Surge protection** | 10kV CM - 10kV DM, 10kV CM - 6kV DM |

## MECHANICAL CHARACTERISTICS

Structure made of die-cast aluminium (UNI EN 1706) with an integrated heat sink and extra-clear or prismatic toughened glass protective screen with IK09 impact resistance (EN 62262).
Polycarbonate frame for mounting the kit to the plate and provision for auxiliary devices compliant with Zhaga Book 18.
Components in PA6 polyamide and stainless steel screws.

| | |
|---|---|
| **Length** | 245 mm |
| **Width** | 185 mm |
| **Height** | 100 mm |
| **Weight** | 2 kg |
| **Protection degree** | IP66 |
| **Mechanical resistance** | IK09 |
| **Finish** | White [RAL 9010] Matt |

## INSTALLATION

The refitting module is designed for fastening on a flat plate with thickness 1.5 mm.
For installation on third-party lanterns, please contact the company.

## WARNINGS

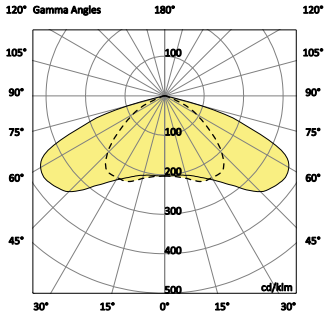
Luminaire designed for disposal/recycling at end-of-life.
Replaceable (LED only) light source by a professional.
Replaceable control gear by a professional.
Protection of surfaces: please refer to the specification on painting procedures of the materials.

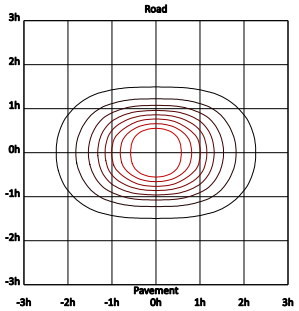

Property of Neri S.p.A. - Reproduction and use for unauthorized purposes is prohibited.
Neri reserves the right to make changes to its products and documentation without prior notice.

# RNC21 | Refitting kit

**Optic:** Type I - Center road

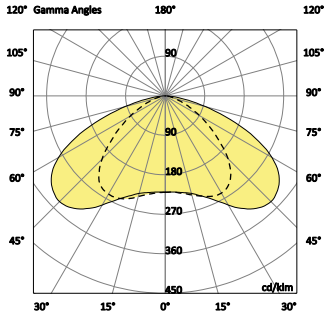
**Screen finish:** Transparent

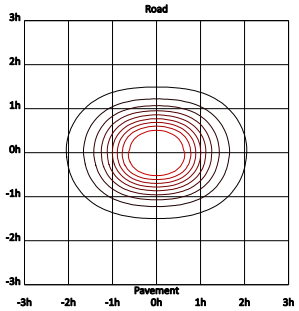



**Optic:** Type I - Center road

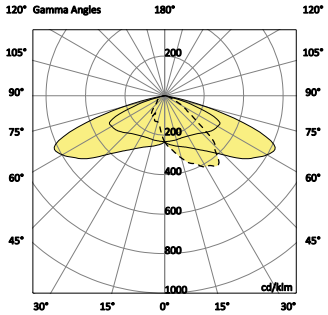
**Screen finish:** Prismatic

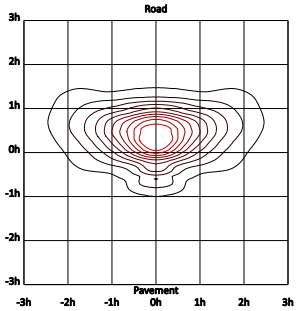



**Optic:** Type II - Asymmetric

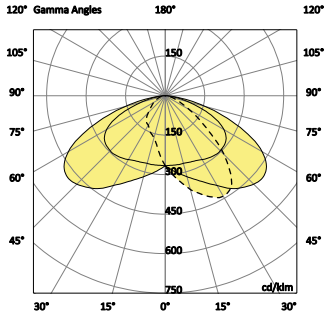
**Screen finish:** Transparent

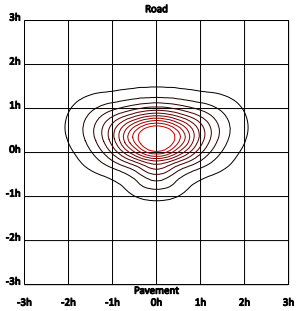



**Optic:** Type II - Asymmetric

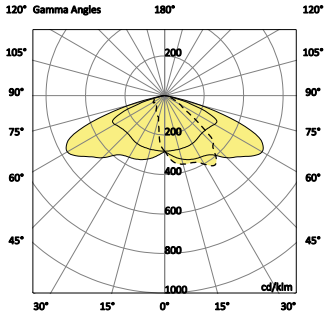
**Screen finish:** Prismatic

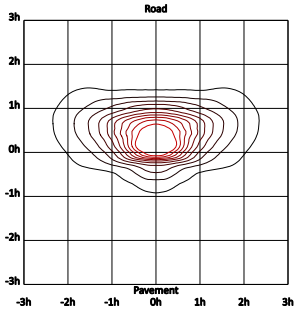



**Optic:** Type III - B

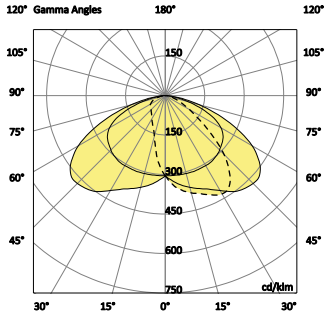
**Screen finish:** Transparent

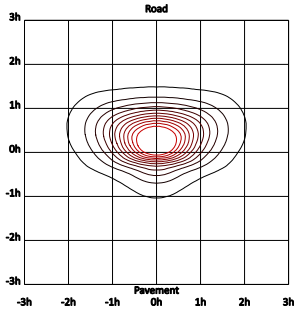



**Optic:** Type III - B

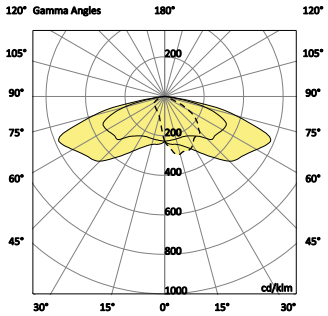
**Screen finish:** Prismatic

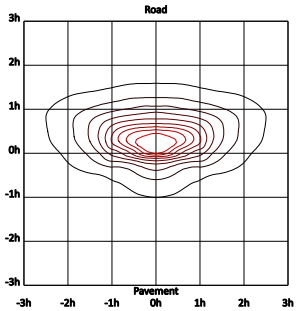



**Optic:** Type III - C

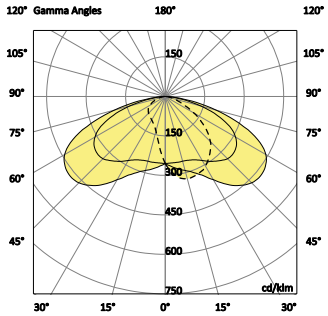
**Screen finish:** Transparent

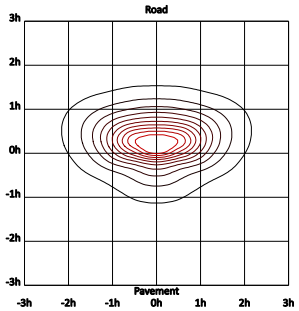



**Optic:** Type III - C

**Screen finish:** Prismatic



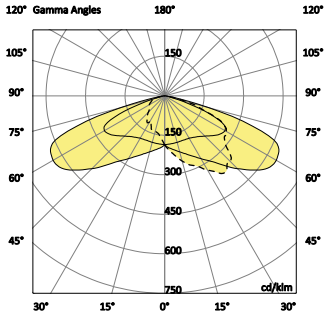


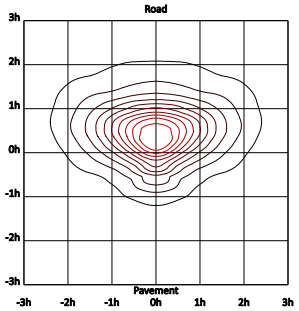
Property of Neri S.p.A. - Reproduction and use for unauthorized purposes is prohibited.
Neri reserves the right to make changes to its products and documentation without prior notice.

# RNC21 | Refitting kit

**Optic:** Type III - Asymmetric

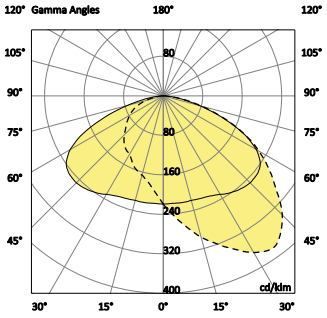
**Screen finish:** Transparent

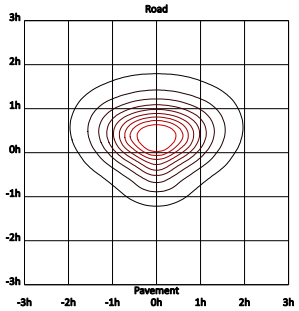



**Optic:** Type III - Asymmetric

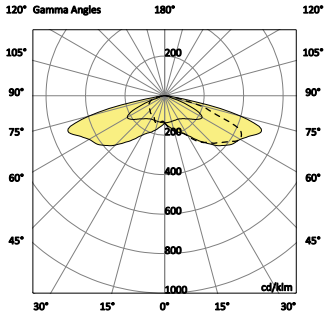
**Screen finish:** Prismatic

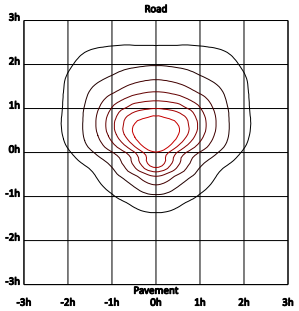



**Optic:** Type IV - Forward throw

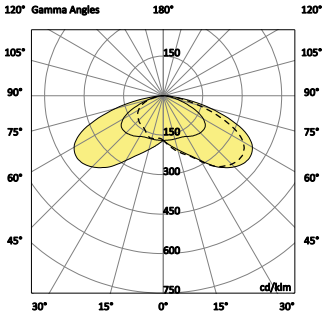
**Screen finish:** Transparent

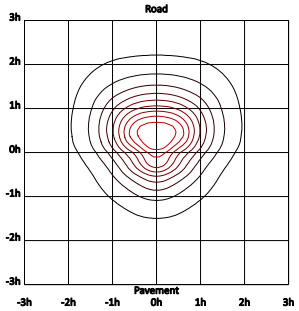



**Optic:** Type IV - Forward throw

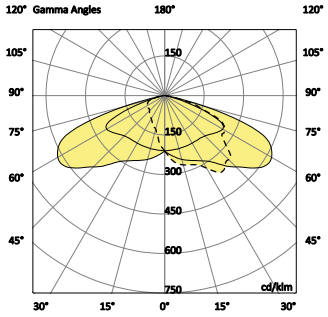
**Screen finish:** Prismatic

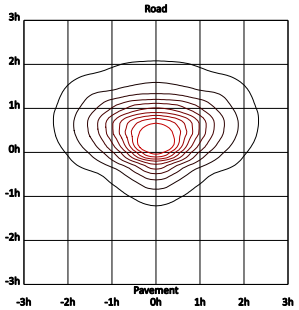



**Optic:** Type IV - C

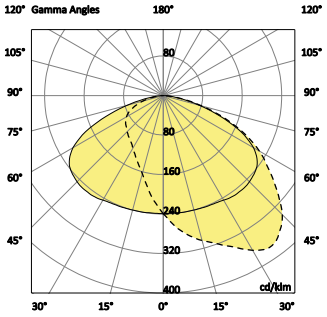
**Screen finish:** Transparent

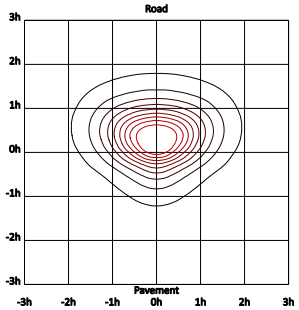



**Optic:** Type IV - C

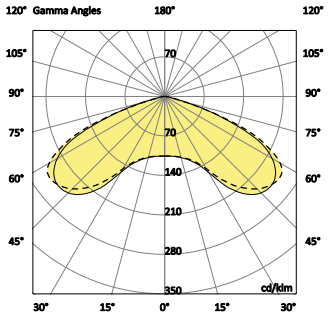
**Screen finish:** Prismatic

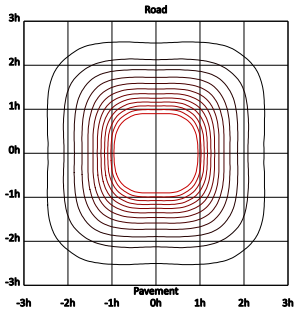



**Optic:** Type V - Rotosymmetric

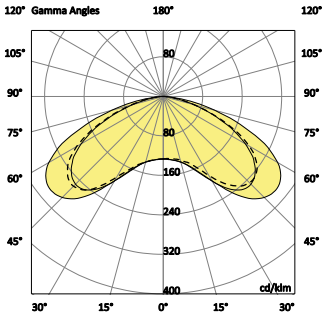
**Screen finish:** Transparent

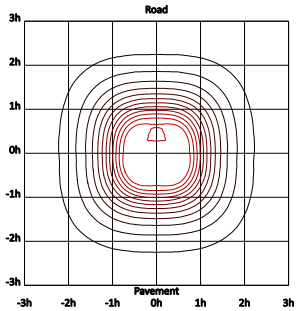



**Optic:** Type V - Rotosymmetric

**Screen finish:** Prismatic





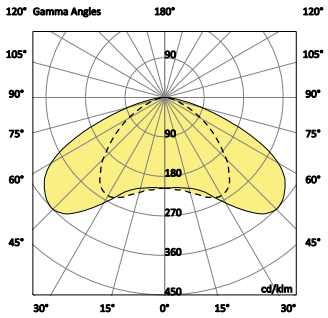
Property of Neri S.p.A. - Reproduction and use for unauthorized purposes is prohibited.
Neri reserves the right to make changes to its products and documentation without prior notice.

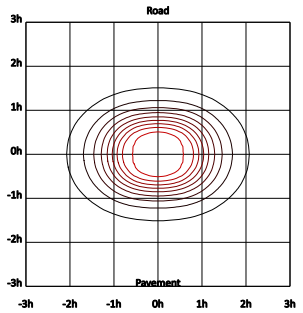
# RNC21 | Refitting kit

## TW 2200-4000 K

**Optic:** Type I - Center road

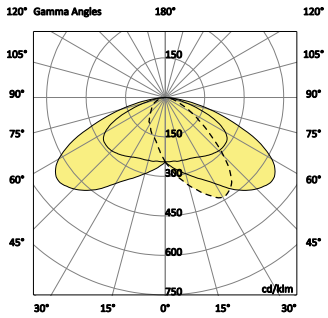
**Screen finish:** Prismatic

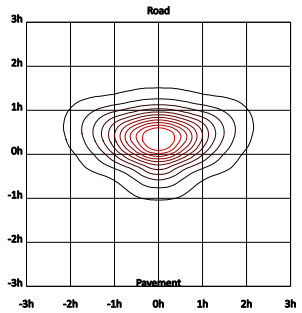



**Optic:** Type II - Asymmetric

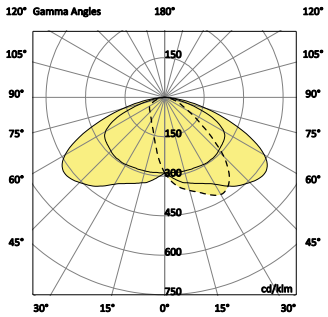
**Screen finish:** Prismatic

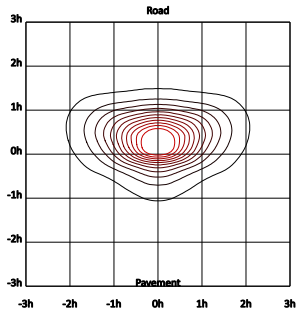



**Optic:** Type III - B

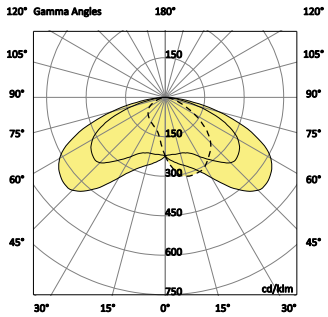
**Screen finish:** Prismatic

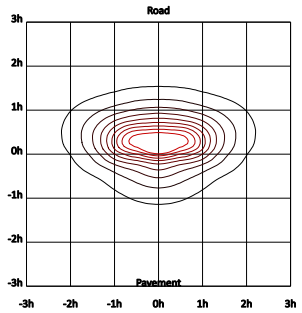



**Optic:** Type III - C

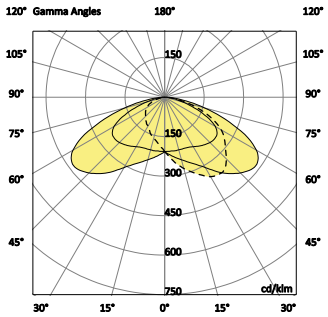
**Screen finish:** Prismatic

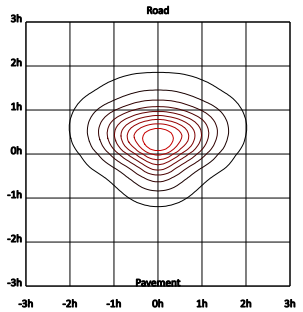



**Optic:** Type III - Asymmetric

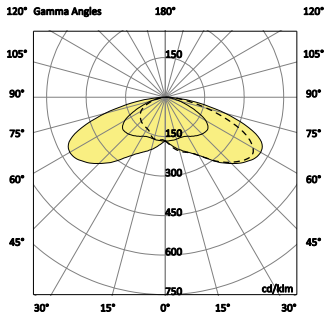
**Screen finish:** Prismatic

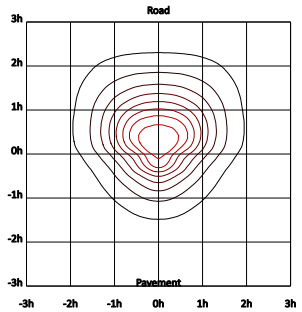



**Optic:** Type IV - Forward throw

**Screen finish:** Prismatic





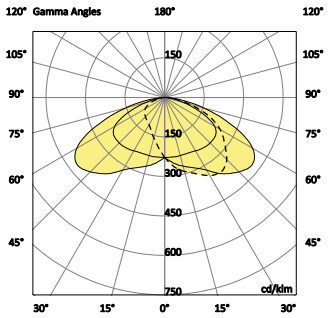
Property of Neri S.p.A. - Reproduction and use for unauthorized purposes is prohibited.
Neri reserves the right to make changes to its products and documentation without prior notice.

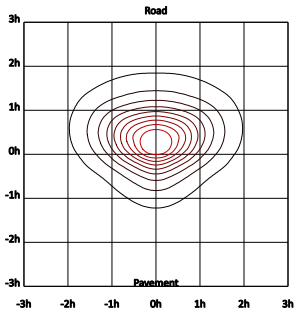
# RNC21 | Refitting kit

## TW 2200-4000 K

**Optic:** Type IV - C

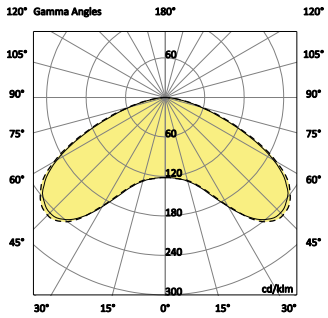
**Screen finish:** Prismatic

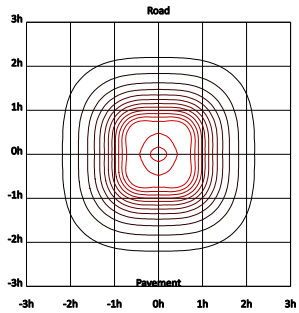



**Optic:** Type V - Rotosymmetric

**Screen finish:** Prismatic





Property of Neri S.p.A. - Reproduction and use for unauthorized purposes is prohibited.
Neri reserves the right to make changes to its products and documentation without prior notice.

# RNC21 | Refitting kit

**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 |
| 1500 lm | 2200 K | 11.1 | 135 | 16 | 210 | 8.9 | 169 | A7+ | A8+ | A7+ | A7+ | A11+ |
| 1500 lm | 2700 K | 10.1 | 149 | 16 | 190 | 8 | 188 | A9+ | A10+ | A8+ | A8+ | A12+ |
| 1500 lm | 3000 K | 9.9 | 152 | 16 | 184 | 7.8 | 192 | A9+ | A10+ | A9+ | A9+ | A12+ |
| 1500 lm | 4000 K | 9.6 | 156 | 16 | 176 | 7.5 | 200 | A10+ | A11+ | A9+ | A9+ | A12+ |
| 2500 lm | 2200 K | 18 | 139 | 16 | 356 | 15.4 | 162 | A8+ | A8+ | A7+ | A7+ | A12+ |
| 2500 lm | 2700 K | 16.3 | 153 | 16 | 320 | 13.8 | 181 | A10+ | A10+ | A9+ | A9+ | A12+ |
| 2500 lm | 3000 K | 15.9 | 157 | 16 | 312 | 13.4 | 187 | A10+ | A11+ | A9+ | A9+ | A12+ |
| 2500 lm | 4000 K | 15.3 | 163 | 16 | 298 | 12.8 | 195 | A11+ | A12+ | A10+ | A10+ | A12+ |
| 3500 lm | 2200 K | 25.2 | 139 | 24 | 330 | 21.4 | 164 | A8+ | A8+ | A7+ | A7+ | A12+ |
| 3500 lm | 2700 K | 23 | 152 | 16 | 458 | 20 | 175 | A9+ | A10+ | A9+ | A9+ | A12+ |
| 3500 lm | 3000 K | 22.3 | 157 | 16 | 444 | 19.4 | 180 | A10+ | A11+ | A9+ | A9+ | A12+ |
| 3500 lm | 4000 K | 21.3 | 164 | 16 | 424 | 18.5 | 189 | A11+ | A12+ | A10+ | A10+ | A12+ |
| 4500 lm | 2200 K | 32 | 141 | 24 | 432 | 28.3 | 159 | A8+ | A9+ | A7+ | A7+ | A12+ |
| 4500 lm | 2700 K | 30.3 | 149 | 16 | 600 | 26.6 | 169 | A9+ | A10+ | A8+ | A8+ | A12+ |
| 4500 lm | 3000 K | 29.5 | 153 | 16 | 582 | 25.8 | 174 | A9+ | A10+ | A9+ | A9+ | A12+ |
| 4500 lm | 4000 K | 28.2 | 160 | 16 | 556 | 24.5 | 184 | A10+ | A11+ | A10+ | A10+ | A12+ |
| 6000 lm | 2200 K | 44.7 | 134 | 24 | 588 | 39.1 | 153 | A7+ | A8+ | A6+ | A6+ | A11+ |
| 6000 lm | 2700 K | 39 | 154 | 24 | 528 | 34.9 | 172 | A10+ | A10+ | A9+ | A9+ | A12+ |
| 6000 lm | 3000 K | 37.9 | 158 | 24 | 514 | 33.9 | 177 | A10+ | A11+ | A10+ | A10+ | A12+ |
| 6000 lm | 4000 K | 36.1 | 166 | 24 | 490 | 32.2 | 186 | A11+ | A12+ | A11+ | A11+ | A12+ |
| 7000 lm | 2700 K | 47.3 | 148 | 24 | 624 | 41.6 | 168 | A9+ | A10+ | A8+ | A8+ | A12+ |
| 7500 lm | 3000 K | 49.5 | 152 | 24 | 654 | 43.7 | 172 | A9+ | A10+ | A9+ | A9+ | A12+ |
| 7500 lm | 4000 K | 47.3 | 159 | 24 | 622 | 41.6 | 180 | A10+ | A11+ | A10+ | A10+ | A12+ |
| 9000 lm | 2700 K | 57.4 | 157 | 24 | 762 | 51.4 | 175 | A10+ | A11+ | A9+ | A9+ | A12+ |
| 9000 lm | 3000 K | 55.9 | 161 | 24 | 742 | 50 | 180 | A11+ | A12+ | A10+ | A10+ | A12+ |
| 9000 lm | 4000 K | 52.6 | 171 | 24 | 698 | 46.8 | 192 | A12+ | A12+ | A11+ | A11+ | A12+ |


Property of Neri S.p.A. - Reproduction and use for unauthorized purposes is prohibited.
Neri reserves the right to make changes to its products and documentation without prior notice.

# RNC21 | Refitting kit

**Optic:** Type I - Center road

**Screen finish:** Prismatic

| System | | | | | Source | | | IPEA | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Luminous Flux | Nominal CCT | W | lm/W | n° led | mA | W | lm/W | Road | Urban | Ped | Park | Art |
| 1500 lm | 2200 K | 11.8 | 127 | 16 | 224 | 9.5 | 158 | A6+ | A7+ | A5+ | A5+ | A10+ |
| 1500 lm | 2700 K | 10.8 | 139 | 16 | 202 | 8.6 | 174 | A8+ | A8+ | A7+ | A7+ | A12+ |
| 1500 lm | 3000 K | 10.5 | 143 | 16 | 196 | 8.3 | 181 | A8+ | A9+ | A8+ | A8+ | A12+ |
| 1500 lm | 4000 K | 10.1 | 149 | 16 | 188 | 8 | 188 | A9+ | A10+ | A8+ | A8+ | A12+ |
| 2500 lm | 2200 K | 19.2 | 130 | 16 | 380 | 16.5 | 152 | A6+ | A7+ | A6+ | A6+ | A10+ |
| 2500 lm | 2700 K | 17.4 | 144 | 16 | 342 | 14.8 | 169 | A8+ | A9+ | A8+ | A8+ | A12+ |
| 2500 lm | 3000 K | 17 | 147 | 16 | 332 | 14.4 | 174 | A9+ | A10+ | A8+ | A8+ | A12+ |
| 2500 lm | 4000 K | 16.2 | 154 | 16 | 318 | 13.7 | 182 | A10+ | A11+ | A9+ | A9+ | A12+ |
| 2500 lm | 4000 K | 20.8 | 120 | 24 | 267 | 17.8 | 140 | A5+ | A6+ | A5+ | A5+ | A9+ |
| 3500 lm | 2200 K | 26.7 | 131 | 24 | 352 | 22.9 | 153 | A6+ | A7+ | A6+ | A6+ | A10+ |
| 3500 lm | 2700 K | 25.2 | 139 | 16 | 488 | 21.4 | 164 | A8+ | A8+ | A7+ | A7+ | A12+ |
| 3500 lm | 3000 K | 24.6 | 142 | 16 | 474 | 20.8 | 168 | A8+ | A9+ | A7+ | A7+ | A12+ |
| 3500 lm | 4000 K | 23.6 | 148 | 16 | 452 | 19.8 | 177 | A9+ | A10+ | A8+ | A8+ | A12+ |
| 3500 lm | 4000 K | 30.4 | 115 | 24 | 390 | 26.3 | 133 | A4+ | A5+ | A4+ | A4+ | A8+ |
| 4500 lm | 2200 K | 34.1 | 132 | 24 | 460 | 30.3 | 149 | A7+ | A7+ | A6+ | A6+ | A10+ |
| 4500 lm | 2700 K | 32.4 | 139 | 16 | 642 | 28.6 | 157 | A8+ | A8+ | A7+ | A7+ | A12+ |
| 4500 lm | 3000 K | 31.4 | 143 | 16 | 624 | 27.7 | 162 | A8+ | A9+ | A8+ | A8+ | A12+ |
| 4500 lm | 4000 K | 30 | 150 | 16 | 594 | 26.3 | 171 | A9+ | A10+ | A8+ | A8+ | A12+ |
| 4500 lm | 4000 K | 40.8 | 110 | 24 | 526 | 35.8 | 126 | A4+ | A4+ | A3+ | A3+ | A7+ |
| 6000 lm | 2200 K | 47.7 | 126 | 24 | 628 | 42 | 143 | A6+ | A6+ | A5+ | A5+ | A9+ |
| 6000 lm | 2700 K | 43 | 140 | 24 | 564 | 37.4 | 160 | A8+ | A8+ | A7+ | A7+ | A12+ |
| 6000 lm | 3000 K | 41.9 | 143 | 24 | 548 | 36.3 | 165 | A8+ | A9+ | A8+ | A8+ | A12+ |
| 6000 lm | 4000 K | 40 | 150 | 24 | 522 | 34.5 | 174 | A9+ | A10+ | A8+ | A8+ | A12+ |
| 9000 lm | 2700 K | 61.4 | 147 | 24 | 816 | 55.3 | 163 | A9+ | A9+ | A8+ | A8+ | A12+ |
| 9000 lm | 3000 K | 59.8 | 151 | 24 | 794 | 53.8 | 167 | A9+ | A10+ | A9+ | A9+ | A12+ |
| 9000 lm | 4000 K | 56.3 | 160 | 24 | 746 | 50.3 | 179 | A10+ | A11+ | A10+ | A10+ | A12+ |


Property of Neri S.p.A. - Reproduction and use for unauthorized purposes is prohibited.
Neri reserves the right to make changes to its products and documentation without prior notice.

# RNC21 | Refitting kit

**Optic:** Type II - Asymmetric

**Screen finish:** Transparent

| System | | | | | Source | | | IPEA | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Luminous Flux | Nominal CCT | W | lm/W | n° led | mA | W | lm/W | Road | Urban | Ped | Park | Art |
| 1500 lm | 2200 K | 11.1 | 135 | 16 | 210 | 8.9 | 169 | A7+ | A8+ | A7+ | A7+ | A11+ |
| 1500 lm | 2700 K | 10.1 | 149 | 16 | 190 | 8 | 188 | A9+ | A10+ | A8+ | A8+ | A12+ |
| 1500 lm | 3000 K | 9.9 | 152 | 16 | 184 | 7.8 | 192 | A9+ | A10+ | A9+ | A9+ | A12+ |
| 1500 lm | 4000 K | 9.6 | 156 | 16 | 176 | 7.5 | 200 | A10+ | A11+ | A9+ | A9+ | A12+ |
| 2500 lm | 2200 K | 18 | 139 | 16 | 356 | 15.4 | 162 | A8+ | A8+ | A7+ | A7+ | A12+ |
| 2500 lm | 2700 K | 16.3 | 153 | 16 | 320 | 13.8 | 181 | A10+ | A10+ | A9+ | A9+ | A12+ |
| 2500 lm | 3000 K | 15.9 | 157 | 16 | 312 | 13.4 | 187 | A10+ | A11+ | A9+ | A9+ | A12+ |
| 2500 lm | 4000 K | 15.3 | 163 | 16 | 298 | 12.8 | 195 | A11+ | A12+ | A10+ | A10+ | A12+ |
| 3500 lm | 2200 K | 25.2 | 139 | 24 | 330 | 21.4 | 164 | A8+ | A8+ | A7+ | A7+ | A12+ |
| 3500 lm | 2700 K | 23 | 152 | 16 | 458 | 20 | 175 | A9+ | A10+ | A9+ | A9+ | A12+ |
| 3500 lm | 3000 K | 22.3 | 157 | 16 | 444 | 19.4 | 180 | A10+ | A11+ | A9+ | A9+ | A12+ |
| 3500 lm | 4000 K | 21.3 | 164 | 16 | 424 | 18.5 | 189 | A11+ | A12+ | A10+ | A10+ | A12+ |
| 4500 lm | 2200 K | 32 | 141 | 24 | 432 | 28.3 | 159 | A8+ | A9+ | A7+ | A7+ | A12+ |
| 4500 lm | 2700 K | 30.3 | 149 | 16 | 600 | 26.6 | 169 | A9+ | A10+ | A8+ | A8+ | A12+ |
| 4500 lm | 3000 K | 29.5 | 153 | 16 | 582 | 25.8 | 174 | A9+ | A10+ | A9+ | A9+ | A12+ |
| 4500 lm | 4000 K | 28.2 | 160 | 16 | 556 | 24.5 | 184 | A10+ | A11+ | A10+ | A10+ | A12+ |
| 6000 lm | 2200 K | 44.7 | 134 | 24 | 588 | 39.1 | 153 | A7+ | A8+ | A6+ | A6+ | A11+ |
| 6000 lm | 2700 K | 39 | 154 | 24 | 528 | 34.9 | 172 | A10+ | A10+ | A9+ | A9+ | A12+ |
| 6000 lm | 3000 K | 37.9 | 158 | 24 | 514 | 33.9 | 177 | A10+ | A11+ | A10+ | A10+ | A12+ |
| 6000 lm | 4000 K | 36.1 | 166 | 24 | 490 | 32.2 | 186 | A11+ | A12+ | A11+ | A11+ | A12+ |
| 7000 lm | 2700 K | 47.3 | 148 | 24 | 624 | 41.6 | 168 | A9+ | A10+ | A8+ | A8+ | A12+ |
| 7500 lm | 3000 K | 49.5 | 152 | 24 | 654 | 43.7 | 172 | A9+ | A10+ | A9+ | A9+ | A12+ |
| 7500 lm | 4000 K | 47.3 | 159 | 24 | 622 | 41.6 | 180 | A10+ | A11+ | A10+ | A10+ | A12+ |
| 9000 lm | 2700 K | 57.4 | 157 | 24 | 762 | 51.4 | 175 | A10+ | A11+ | A9+ | A9+ | A12+ |
| 9000 lm | 3000 K | 55.9 | 161 | 24 | 742 | 50 | 180 | A11+ | A12+ | A10+ | A10+ | A12+ |
| 9000 lm | 4000 K | 52.6 | 171 | 24 | 698 | 46.8 | 192 | A12+ | A12+ | A11+ | A11+ | A12+ |


Property of Neri S.p.A. - Reproduction and use for unauthorized purposes is prohibited.
Neri reserves the right to make changes to its products and documentation without prior notice.

# RNC21 | Refitting kit

**Optic:** Type II - Asymmetric

**Screen finish:** Prismatic

| System | | | | | Source | | | IPEA | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Luminous Flux | Nominal CCT | W | lm/W | n° led | mA | W | lm/W | Road | Urban | Ped | Park | Art |
| 1500 lm | 2200 K | 11.8 | 127 | 16 | 224 | 9.5 | 158 | A6+ | A7+ | A5+ | A5+ | A10+ |
| 1500 lm | 2700 K | 10.8 | 139 | 16 | 202 | 8.6 | 174 | A8+ | A8+ | A7+ | A7+ | A12+ |
| 1500 lm | 3000 K | 10.5 | 143 | 16 | 196 | 8.3 | 181 | A8+ | A9+ | A8+ | A8+ | A12+ |
| 1500 lm | 4000 K | 10.1 | 149 | 16 | 188 | 8 | 188 | A9+ | A10+ | A8+ | A8+ | A12+ |
| 2500 lm | 2200 K | 19.2 | 130 | 16 | 380 | 16.5 | 152 | A6+ | A7+ | A6+ | A6+ | A10+ |
| 2500 lm | 2700 K | 17.4 | 144 | 16 | 342 | 14.8 | 169 | A8+ | A9+ | A8+ | A8+ | A12+ |
| 2500 lm | 3000 K | 17 | 147 | 16 | 332 | 14.4 | 174 | A9+ | A10+ | A8+ | A8+ | A12+ |
| 2500 lm | 4000 K | 16.2 | 154 | 16 | 318 | 13.7 | 182 | A10+ | A11+ | A9+ | A9+ | A12+ |
| 2500 lm | 4000 K | 20.8 | 120 | 24 | 267 | 17.8 | 140 | A5+ | A6+ | A5+ | A5+ | A9+ |
| 3500 lm | 2200 K | 26.7 | 131 | 24 | 352 | 22.9 | 153 | A6+ | A7+ | A6+ | A6+ | A10+ |
| 3500 lm | 2700 K | 25.2 | 139 | 16 | 488 | 21.4 | 164 | A8+ | A8+ | A7+ | A7+ | A12+ |
| 3500 lm | 3000 K | 24.6 | 142 | 16 | 474 | 20.8 | 168 | A8+ | A9+ | A7+ | A7+ | A12+ |
| 3500 lm | 4000 K | 23.6 | 148 | 16 | 452 | 19.8 | 177 | A9+ | A10+ | A8+ | A8+ | A12+ |
| 3500 lm | 4000 K | 30.4 | 115 | 24 | 390 | 26.3 | 133 | A4+ | A5+ | A4+ | A4+ | A8+ |
| 4500 lm | 2200 K | 34.1 | 132 | 24 | 460 | 30.3 | 149 | A7+ | A7+ | A6+ | A6+ | A10+ |
| 4500 lm | 2700 K | 32.4 | 139 | 16 | 642 | 28.6 | 157 | A8+ | A8+ | A7+ | A7+ | A12+ |
| 4500 lm | 3000 K | 31.4 | 143 | 16 | 624 | 27.7 | 162 | A8+ | A9+ | A8+ | A8+ | A12+ |
| 4500 lm | 4000 K | 30 | 150 | 16 | 594 | 26.3 | 171 | A9+ | A10+ | A8+ | A8+ | A12+ |
| 4500 lm | 4000 K | 40.8 | 110 | 24 | 526 | 35.8 | 126 | A4+ | A4+ | A3+ | A3+ | A7+ |
| 6000 lm | 2200 K | 47.7 | 126 | 24 | 628 | 42 | 143 | A6+ | A6+ | A5+ | A5+ | A9+ |
| 6000 lm | 2700 K | 43 | 140 | 24 | 564 | 37.4 | 160 | A8+ | A8+ | A7+ | A7+ | A12+ |
| 6000 lm | 3000 K | 41.9 | 143 | 24 | 548 | 36.3 | 165 | A8+ | A9+ | A8+ | A8+ | A12+ |
| 6000 lm | 4000 K | 40 | 150 | 24 | 522 | 34.5 | 174 | A9+ | A10+ | A8+ | A8+ | A12+ |
| 9000 lm | 2700 K | 61.4 | 147 | 24 | 816 | 55.3 | 163 | A9+ | A9+ | A8+ | A8+ | A12+ |
| 9000 lm | 3000 K | 59.8 | 151 | 24 | 794 | 53.8 | 167 | A9+ | A10+ | A9+ | A9+ | A12+ |
| 9000 lm | 4000 K | 56.3 | 160 | 24 | 746 | 50.3 | 179 | A10+ | A11+ | A10+ | A10+ | A12+ |


Property of Neri S.p.A. - Reproduction and use for unauthorized purposes is prohibited.
Neri reserves the right to make changes to its products and documentation without prior notice.

# RNC21 | Refitting kit

**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 |
| 1500 lm | 2200 K | 11.1 | 135 | 16 | 210 | 8.9 | 169 | A7+ | A8+ | A7+ | A7+ | A11+ |
| 1500 lm | 2700 K | 10.1 | 149 | 16 | 190 | 8 | 188 | A9+ | A10+ | A8+ | A8+ | A12+ |
| 1500 lm | 3000 K | 9.9 | 152 | 16 | 184 | 7.8 | 192 | A9+ | A10+ | A9+ | A9+ | A12+ |
| 1500 lm | 4000 K | 9.6 | 156 | 16 | 176 | 7.5 | 200 | A10+ | A11+ | A9+ | A9+ | A12+ |
| 2500 lm | 2200 K | 18 | 139 | 16 | 356 | 15.4 | 162 | A8+ | A8+ | A7+ | A7+ | A12+ |
| 2500 lm | 2700 K | 16.3 | 153 | 16 | 320 | 13.8 | 181 | A10+ | A10+ | A9+ | A9+ | A12+ |
| 2500 lm | 3000 K | 15.9 | 157 | 16 | 312 | 13.4 | 187 | A10+ | A11+ | A9+ | A9+ | A12+ |
| 2500 lm | 4000 K | 15.3 | 163 | 16 | 298 | 12.8 | 195 | A11+ | A12+ | A10+ | A10+ | A12+ |
| 3500 lm | 2200 K | 25.2 | 139 | 24 | 330 | 21.4 | 164 | A8+ | A8+ | A7+ | A7+ | A12+ |
| 3500 lm | 2700 K | 23 | 152 | 16 | 458 | 20 | 175 | A9+ | A10+ | A9+ | A9+ | A12+ |
| 3500 lm | 3000 K | 22.3 | 157 | 16 | 444 | 19.4 | 180 | A10+ | A11+ | A9+ | A9+ | A12+ |
| 3500 lm | 4000 K | 21.3 | 164 | 16 | 424 | 18.5 | 189 | A11+ | A12+ | A10+ | A10+ | A12+ |
| 4500 lm | 2200 K | 32 | 141 | 24 | 432 | 28.3 | 159 | A8+ | A9+ | A7+ | A7+ | A12+ |
| 4500 lm | 2700 K | 30.3 | 149 | 16 | 600 | 26.6 | 169 | A9+ | A10+ | A8+ | A8+ | A12+ |
| 4500 lm | 3000 K | 29.5 | 153 | 16 | 582 | 25.8 | 174 | A9+ | A10+ | A9+ | A9+ | A12+ |
| 4500 lm | 4000 K | 28.2 | 160 | 16 | 556 | 24.5 | 184 | A10+ | A11+ | A10+ | A10+ | A12+ |
| 6000 lm | 2200 K | 44.7 | 134 | 24 | 588 | 39.1 | 153 | A7+ | A8+ | A6+ | A6+ | A11+ |
| 6000 lm | 2700 K | 39 | 154 | 24 | 528 | 34.9 | 172 | A10+ | A10+ | A9+ | A9+ | A12+ |
| 6000 lm | 3000 K | 37.9 | 158 | 24 | 514 | 33.9 | 177 | A10+ | A11+ | A10+ | A10+ | A12+ |
| 6000 lm | 4000 K | 36.1 | 166 | 24 | 490 | 32.2 | 186 | A11+ | A12+ | A11+ | A11+ | A12+ |
| 7000 lm | 2700 K | 47.3 | 148 | 24 | 624 | 41.6 | 168 | A9+ | A10+ | A8+ | A8+ | A12+ |
| 7500 lm | 3000 K | 49.5 | 152 | 24 | 654 | 43.7 | 172 | A9+ | A10+ | A9+ | A9+ | A12+ |
| 7500 lm | 4000 K | 47.3 | 159 | 24 | 622 | 41.6 | 180 | A10+ | A11+ | A10+ | A10+ | A12+ |
| 9000 lm | 2700 K | 57.4 | 157 | 24 | 762 | 51.4 | 175 | A10+ | A11+ | A9+ | A9+ | A12+ |
| 9000 lm | 3000 K | 55.9 | 161 | 24 | 742 | 50 | 180 | A11+ | A12+ | A10+ | A10+ | A12+ |
| 9000 lm | 4000 K | 52.6 | 171 | 24 | 698 | 46.8 | 192 | A12+ | A12+ | A11+ | A11+ | A12+ |


Property of Neri S.p.A. - Reproduction and use for unauthorized purposes is prohibited.
Neri reserves the right to make changes to its products and documentation without prior notice.

# RNC21 | Refitting kit

**Optic:** Type III - B

**Screen finish:** Prismatic

| System | | | | | Source | | | IPEA | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Luminous Flux | Nominal CCT | W | lm/W | n° led | mA | W | lm/W | Road | Urban | Ped | Park | Art |
| 1500 lm | 2200 K | 11.8 | 127 | 16 | 224 | 9.5 | 158 | A6+ | A7+ | A5+ | A5+ | A10+ |
| 1500 lm | 2700 K | 10.8 | 139 | 16 | 202 | 8.6 | 174 | A8+ | A8+ | A7+ | A7+ | A12+ |
| 1500 lm | 3000 K | 10.5 | 143 | 16 | 196 | 8.3 | 181 | A8+ | A9+ | A8+ | A8+ | A12+ |
| 1500 lm | 4000 K | 10.1 | 149 | 16 | 188 | 8 | 188 | A9+ | A10+ | A8+ | A8+ | A12+ |
| 2500 lm | 2200 K | 19.2 | 130 | 16 | 380 | 16.5 | 152 | A6+ | A7+ | A6+ | A6+ | A10+ |
| 2500 lm | 2700 K | 17.4 | 144 | 16 | 342 | 14.8 | 169 | A8+ | A9+ | A8+ | A8+ | A12+ |
| 2500 lm | 3000 K | 17 | 147 | 16 | 332 | 14.4 | 174 | A9+ | A10+ | A8+ | A8+ | A12+ |
| 2500 lm | 4000 K | 16.2 | 154 | 16 | 318 | 13.7 | 182 | A10+ | A11+ | A9+ | A9+ | A12+ |
| 2500 lm | 4000 K | 20.8 | 120 | 24 | 267 | 17.8 | 140 | A5+ | A6+ | A5+ | A5+ | A9+ |
| 3500 lm | 2200 K | 26.7 | 131 | 24 | 352 | 22.9 | 153 | A6+ | A7+ | A6+ | A6+ | A10+ |
| 3500 lm | 2700 K | 25.2 | 139 | 16 | 488 | 21.4 | 164 | A8+ | A8+ | A7+ | A7+ | A12+ |
| 3500 lm | 3000 K | 24.6 | 142 | 16 | 474 | 20.8 | 168 | A8+ | A9+ | A7+ | A7+ | A12+ |
| 3500 lm | 4000 K | 23.6 | 148 | 16 | 452 | 19.8 | 177 | A9+ | A10+ | A8+ | A8+ | A12+ |
| 3500 lm | 4000 K | 30.4 | 115 | 24 | 390 | 26.3 | 133 | A4+ | A5+ | A4+ | A4+ | A8+ |
| 4500 lm | 2200 K | 34.1 | 132 | 24 | 460 | 30.3 | 149 | A7+ | A7+ | A6+ | A6+ | A10+ |
| 4500 lm | 2700 K | 32.4 | 139 | 16 | 642 | 28.6 | 157 | A8+ | A8+ | A7+ | A7+ | A12+ |
| 4500 lm | 3000 K | 31.4 | 143 | 16 | 624 | 27.7 | 162 | A8+ | A9+ | A8+ | A8+ | A12+ |
| 4500 lm | 4000 K | 30 | 150 | 16 | 594 | 26.3 | 171 | A9+ | A10+ | A8+ | A8+ | A12+ |
| 4500 lm | 4000 K | 40.8 | 110 | 24 | 526 | 35.8 | 126 | A4+ | A4+ | A3+ | A3+ | A7+ |
| 6000 lm | 2200 K | 47.7 | 126 | 24 | 628 | 42 | 143 | A6+ | A6+ | A5+ | A5+ | A9+ |
| 6000 lm | 2700 K | 43 | 140 | 24 | 564 | 37.4 | 160 | A8+ | A8+ | A7+ | A7+ | A12+ |
| 6000 lm | 3000 K | 41.9 | 143 | 24 | 548 | 36.3 | 165 | A8+ | A9+ | A8+ | A8+ | A12+ |
| 6000 lm | 4000 K | 40 | 150 | 24 | 522 | 34.5 | 174 | A9+ | A10+ | A8+ | A8+ | A12+ |
| 9000 lm | 2700 K | 61.4 | 147 | 24 | 816 | 55.3 | 163 | A9+ | A9+ | A8+ | A8+ | A12+ |
| 9000 lm | 3000 K | 59.8 | 151 | 24 | 794 | 53.8 | 167 | A9+ | A10+ | A9+ | A9+ | A12+ |
| 9000 lm | 4000 K | 56.3 | 160 | 24 | 746 | 50.3 | 179 | A10+ | A11+ | A10+ | A10+ | A12+ |


Property of Neri S.p.A. - Reproduction and use for unauthorized purposes is prohibited.
Neri reserves the right to make changes to its products and documentation without prior notice.

# RNC21 | Refitting kit

**Optic:** Type III - C

**Screen finish:** Transparent

| System | | | | | Source | | | IPEA | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Luminous Flux | Nominal CCT | W | lm/W | n° led | mA | W | lm/W | Road | Urban | Ped | Park | Art |
| 1500 lm | 2200 K | 11.1 | 135 | 16 | 210 | 8.9 | 169 | A7+ | A8+ | A7+ | A7+ | A11+ |
| 1500 lm | 2700 K | 10.1 | 149 | 16 | 190 | 8 | 188 | A9+ | A10+ | A8+ | A8+ | A12+ |
| 1500 lm | 3000 K | 9.9 | 152 | 16 | 184 | 7.8 | 192 | A9+ | A10+ | A9+ | A9+ | A12+ |
| 1500 lm | 4000 K | 9.6 | 156 | 16 | 176 | 7.5 | 200 | A10+ | A11+ | A9+ | A9+ | A12+ |
| 2500 lm | 2200 K | 18 | 139 | 16 | 356 | 15.4 | 162 | A8+ | A8+ | A7+ | A7+ | A12+ |
| 2500 lm | 2700 K | 16.3 | 153 | 16 | 320 | 13.8 | 181 | A10+ | A10+ | A9+ | A9+ | A12+ |
| 2500 lm | 3000 K | 15.9 | 157 | 16 | 312 | 13.4 | 187 | A10+ | A11+ | A9+ | A9+ | A12+ |
| 2500 lm | 4000 K | 15.3 | 163 | 16 | 298 | 12.8 | 195 | A11+ | A12+ | A10+ | A10+ | A12+ |
| 3500 lm | 2200 K | 25.2 | 139 | 24 | 330 | 21.4 | 164 | A8+ | A8+ | A7+ | A7+ | A12+ |
| 3500 lm | 2700 K | 23 | 152 | 16 | 458 | 20 | 175 | A9+ | A10+ | A9+ | A9+ | A12+ |
| 3500 lm | 3000 K | 22.3 | 157 | 16 | 444 | 19.4 | 180 | A10+ | A11+ | A9+ | A9+ | A12+ |
| 3500 lm | 4000 K | 21.3 | 164 | 16 | 424 | 18.5 | 189 | A11+ | A12+ | A10+ | A10+ | A12+ |
| 4500 lm | 2200 K | 32 | 141 | 24 | 432 | 28.3 | 159 | A8+ | A9+ | A7+ | A7+ | A12+ |
| 4500 lm | 2700 K | 30.3 | 149 | 16 | 600 | 26.6 | 169 | A9+ | A10+ | A8+ | A8+ | A12+ |
| 4500 lm | 3000 K | 29.5 | 153 | 16 | 582 | 25.8 | 174 | A9+ | A10+ | A9+ | A9+ | A12+ |
| 4500 lm | 4000 K | 28.2 | 160 | 16 | 556 | 24.5 | 184 | A10+ | A11+ | A10+ | A10+ | A12+ |
| 6000 lm | 2200 K | 44.7 | 134 | 24 | 588 | 39.1 | 153 | A7+ | A8+ | A6+ | A6+ | A11+ |
| 6000 lm | 2700 K | 39 | 154 | 24 | 528 | 34.9 | 172 | A10+ | A10+ | A9+ | A9+ | A12+ |
| 6000 lm | 3000 K | 37.9 | 158 | 24 | 514 | 33.9 | 177 | A10+ | A11+ | A10+ | A10+ | A12+ |
| 6000 lm | 4000 K | 36.1 | 166 | 24 | 490 | 32.2 | 186 | A11+ | A12+ | A11+ | A11+ | A12+ |
| 7000 lm | 2700 K | 47.3 | 148 | 24 | 624 | 41.6 | 168 | A9+ | A10+ | A8+ | A8+ | A12+ |
| 7500 lm | 3000 K | 49.5 | 152 | 24 | 654 | 43.7 | 172 | A9+ | A10+ | A9+ | A9+ | A12+ |
| 7500 lm | 4000 K | 47.3 | 159 | 24 | 622 | 41.6 | 180 | A10+ | A11+ | A10+ | A10+ | A12+ |
| 9000 lm | 2700 K | 57.4 | 157 | 24 | 762 | 51.4 | 175 | A10+ | A11+ | A9+ | A9+ | A12+ |
| 9000 lm | 3000 K | 55.9 | 161 | 24 | 742 | 50 | 180 | A11+ | A12+ | A10+ | A10+ | A12+ |
| 9000 lm | 4000 K | 52.6 | 171 | 24 | 698 | 46.8 | 192 | A12+ | A12+ | A11+ | A11+ | A12+ |


Property of Neri S.p.A. - Reproduction and use for unauthorized purposes is prohibited.
Neri reserves the right to make changes to its products and documentation without prior notice.

# RNC21 | Refitting kit

**Optic:** Type III - C

**Screen finish:** Prismatic

| System | | | | | Source | | | IPEA | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Luminous Flux | Nominal CCT | W | lm/W | n° led | mA | W | lm/W | Road | Urban | Ped | Park | Art |
| 1500 lm | 2200 K | 11.8 | 127 | 16 | 224 | 9.5 | 158 | A6+ | A7+ | A5+ | A5+ | A10+ |
| 1500 lm | 2700 K | 10.8 | 139 | 16 | 202 | 8.6 | 174 | A8+ | A8+ | A7+ | A7+ | A12+ |
| 1500 lm | 3000 K | 10.5 | 143 | 16 | 196 | 8.3 | 181 | A8+ | A9+ | A8+ | A8+ | A12+ |
| 1500 lm | 4000 K | 10.1 | 149 | 16 | 188 | 8 | 188 | A9+ | A10+ | A8+ | A8+ | A12+ |
| 2500 lm | 2200 K | 19.2 | 130 | 16 | 380 | 16.5 | 152 | A6+ | A7+ | A6+ | A6+ | A10+ |
| 2500 lm | 2700 K | 17.4 | 144 | 16 | 342 | 14.8 | 169 | A8+ | A9+ | A8+ | A8+ | A12+ |
| 2500 lm | 3000 K | 17 | 147 | 16 | 332 | 14.4 | 174 | A9+ | A10+ | A8+ | A8+ | A12+ |
| 2500 lm | 4000 K | 16.2 | 154 | 16 | 318 | 13.7 | 182 | A10+ | A11+ | A9+ | A9+ | A12+ |
| 2500 lm | 4000 K | 20.8 | 120 | 24 | 267 | 17.8 | 140 | A5+ | A6+ | A5+ | A5+ | A9+ |
| 3500 lm | 2200 K | 26.7 | 131 | 24 | 352 | 22.9 | 153 | A6+ | A7+ | A6+ | A6+ | A10+ |
| 3500 lm | 2700 K | 25.2 | 139 | 16 | 488 | 21.4 | 164 | A8+ | A8+ | A7+ | A7+ | A12+ |
| 3500 lm | 3000 K | 24.6 | 142 | 16 | 474 | 20.8 | 168 | A8+ | A9+ | A7+ | A7+ | A12+ |
| 3500 lm | 4000 K | 23.6 | 148 | 16 | 452 | 19.8 | 177 | A9+ | A10+ | A8+ | A8+ | A12+ |
| 3500 lm | 4000 K | 30.4 | 115 | 24 | 390 | 26.3 | 133 | A4+ | A5+ | A4+ | A4+ | A8+ |
| 4500 lm | 2200 K | 34.1 | 132 | 24 | 460 | 30.3 | 149 | A7+ | A7+ | A6+ | A6+ | A10+ |
| 4500 lm | 2700 K | 32.4 | 139 | 16 | 642 | 28.6 | 157 | A8+ | A8+ | A7+ | A7+ | A12+ |
| 4500 lm | 3000 K | 31.4 | 143 | 16 | 624 | 27.7 | 162 | A8+ | A9+ | A8+ | A8+ | A12+ |
| 4500 lm | 4000 K | 30 | 150 | 16 | 594 | 26.3 | 171 | A9+ | A10+ | A8+ | A8+ | A12+ |
| 4500 lm | 4000 K | 40.8 | 110 | 24 | 526 | 35.8 | 126 | A4+ | A4+ | A3+ | A3+ | A7+ |
| 6000 lm | 2200 K | 47.7 | 126 | 24 | 628 | 42 | 143 | A6+ | A6+ | A5+ | A5+ | A9+ |
| 6000 lm | 2700 K | 43 | 140 | 24 | 564 | 37.4 | 160 | A8+ | A8+ | A7+ | A7+ | A12+ |
| 6000 lm | 3000 K | 41.9 | 143 | 24 | 548 | 36.3 | 165 | A8+ | A9+ | A8+ | A8+ | A12+ |
| 6000 lm | 4000 K | 40 | 150 | 24 | 522 | 34.5 | 174 | A9+ | A10+ | A8+ | A8+ | A12+ |
| 9000 lm | 2700 K | 61.4 | 147 | 24 | 816 | 55.3 | 163 | A9+ | A9+ | A8+ | A8+ | A12+ |
| 9000 lm | 3000 K | 59.8 | 151 | 24 | 794 | 53.8 | 167 | A9+ | A10+ | A9+ | A9+ | A12+ |
| 9000 lm | 4000 K | 56.3 | 160 | 24 | 746 | 50.3 | 179 | A10+ | A11+ | A10+ | A10+ | A12+ |


Property of Neri S.p.A. - Reproduction and use for unauthorized purposes is prohibited.
Neri reserves the right to make changes to its products and documentation without prior notice.

# RNC21 | Refitting kit

**Optic:** Type III - Asymmetric

**Screen finish:** Transparent

| System | | | | | Source | | | IPEA | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Luminous Flux | Nominal CCT | W | lm/W | n° led | mA | W | lm/W | Road | Urban | Ped | Park | Art |
| 1500 lm | 2200 K | 11.1 | 135 | 16 | 210 | 8.9 | 169 | A7+ | A8+ | A7+ | A7+ | A11+ |
| 1500 lm | 2700 K | 10.1 | 149 | 16 | 190 | 8 | 188 | A9+ | A10+ | A8+ | A8+ | A12+ |
| 1500 lm | 3000 K | 9.9 | 152 | 16 | 184 | 7.8 | 192 | A9+ | A10+ | A9+ | A9+ | A12+ |
| 1500 lm | 4000 K | 9.6 | 156 | 16 | 176 | 7.5 | 200 | A10+ | A11+ | A9+ | A9+ | A12+ |
| 2500 lm | 2200 K | 18 | 139 | 16 | 356 | 15.4 | 162 | A8+ | A8+ | A7+ | A7+ | A12+ |
| 2500 lm | 2700 K | 16.3 | 153 | 16 | 320 | 13.8 | 181 | A10+ | A10+ | A9+ | A9+ | A12+ |
| 2500 lm | 3000 K | 15.9 | 157 | 16 | 312 | 13.4 | 187 | A10+ | A11+ | A9+ | A9+ | A12+ |
| 2500 lm | 4000 K | 15.3 | 163 | 16 | 298 | 12.8 | 195 | A11+ | A12+ | A10+ | A10+ | A12+ |
| 3500 lm | 2200 K | 25.2 | 139 | 24 | 330 | 21.4 | 164 | A8+ | A8+ | A7+ | A7+ | A12+ |
| 3500 lm | 2700 K | 23 | 152 | 16 | 458 | 20 | 175 | A9+ | A10+ | A9+ | A9+ | A12+ |
| 3500 lm | 3000 K | 22.3 | 157 | 16 | 444 | 19.4 | 180 | A10+ | A11+ | A9+ | A9+ | A12+ |
| 3500 lm | 4000 K | 21.3 | 164 | 16 | 424 | 18.5 | 189 | A11+ | A12+ | A10+ | A10+ | A12+ |
| 4500 lm | 2200 K | 32 | 141 | 24 | 432 | 28.3 | 159 | A8+ | A9+ | A7+ | A7+ | A12+ |
| 4500 lm | 2700 K | 30.3 | 149 | 16 | 600 | 26.6 | 169 | A9+ | A10+ | A8+ | A8+ | A12+ |
| 4500 lm | 3000 K | 29.5 | 153 | 16 | 582 | 25.8 | 174 | A9+ | A10+ | A9+ | A9+ | A12+ |
| 4500 lm | 4000 K | 28.2 | 160 | 16 | 556 | 24.5 | 184 | A10+ | A11+ | A10+ | A10+ | A12+ |
| 6000 lm | 2200 K | 44.7 | 134 | 24 | 588 | 39.1 | 153 | A7+ | A8+ | A6+ | A6+ | A11+ |
| 6000 lm | 2700 K | 39 | 154 | 24 | 528 | 34.9 | 172 | A10+ | A10+ | A9+ | A9+ | A12+ |
| 6000 lm | 3000 K | 37.9 | 158 | 24 | 514 | 33.9 | 177 | A10+ | A11+ | A10+ | A10+ | A12+ |
| 6000 lm | 4000 K | 36.1 | 166 | 24 | 490 | 32.2 | 186 | A11+ | A12+ | A11+ | A11+ | A12+ |
| 7000 lm | 2700 K | 47.3 | 148 | 24 | 624 | 41.6 | 168 | A9+ | A10+ | A8+ | A8+ | A12+ |
| 7500 lm | 3000 K | 49.5 | 152 | 24 | 654 | 43.7 | 172 | A9+ | A10+ | A9+ | A9+ | A12+ |
| 7500 lm | 4000 K | 47.3 | 159 | 24 | 622 | 41.6 | 180 | A10+ | A11+ | A10+ | A10+ | A12+ |
| 9000 lm | 2700 K | 57.4 | 157 | 24 | 762 | 51.4 | 175 | A10+ | A11+ | A9+ | A9+ | A12+ |
| 9000 lm | 3000 K | 55.9 | 161 | 24 | 742 | 50 | 180 | A11+ | A12+ | A10+ | A10+ | A12+ |
| 9000 lm | 4000 K | 52.6 | 171 | 24 | 698 | 46.8 | 192 | A12+ | A12+ | A11+ | A11+ | A12+ |


Property of Neri S.p.A. - Reproduction and use for unauthorized purposes is prohibited.
Neri reserves the right to make changes to its products and documentation without prior notice.

# RNC21 | Refitting kit

**Optic:** Type III - Asymmetric

**Screen finish:** Prismatic

| System | | | | | Source | | | IPEA | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Luminous Flux | Nominal CCT | W | lm/W | n° led | mA | W | lm/W | Road | Urban | Ped | Park | Art |
| 1500 lm | 2200 K | 11.8 | 127 | 16 | 224 | 9.5 | 158 | A6+ | A7+ | A5+ | A5+ | A10+ |
| 1500 lm | 2700 K | 10.8 | 139 | 16 | 202 | 8.6 | 174 | A8+ | A8+ | A7+ | A7+ | A12+ |
| 1500 lm | 3000 K | 10.5 | 143 | 16 | 196 | 8.3 | 181 | A8+ | A9+ | A8+ | A8+ | A12+ |
| 1500 lm | 4000 K | 10.1 | 149 | 16 | 188 | 8 | 188 | A9+ | A10+ | A8+ | A8+ | A12+ |
| 2500 lm | 2200 K | 19.2 | 130 | 16 | 380 | 16.5 | 152 | A6+ | A7+ | A6+ | A6+ | A10+ |
| 2500 lm | 2700 K | 17.4 | 144 | 16 | 342 | 14.8 | 169 | A8+ | A9+ | A8+ | A8+ | A12+ |
| 2500 lm | 3000 K | 17 | 147 | 16 | 332 | 14.4 | 174 | A9+ | A10+ | A8+ | A8+ | A12+ |
| 2500 lm | 4000 K | 16.2 | 154 | 16 | 318 | 13.7 | 182 | A10+ | A11+ | A9+ | A9+ | A12+ |
| 2500 lm | 4000 K | 20.8 | 120 | 24 | 267 | 17.8 | 140 | A5+ | A6+ | A5+ | A5+ | A9+ |
| 3500 lm | 2200 K | 26.7 | 131 | 24 | 352 | 22.9 | 153 | A6+ | A7+ | A6+ | A6+ | A10+ |
| 3500 lm | 2700 K | 25.2 | 139 | 16 | 488 | 21.4 | 164 | A8+ | A8+ | A7+ | A7+ | A12+ |
| 3500 lm | 3000 K | 24.6 | 142 | 16 | 474 | 20.8 | 168 | A8+ | A9+ | A7+ | A7+ | A12+ |
| 3500 lm | 4000 K | 23.6 | 148 | 16 | 452 | 19.8 | 177 | A9+ | A10+ | A8+ | A8+ | A12+ |
| 3500 lm | 4000 K | 30.4 | 115 | 24 | 390 | 26.3 | 133 | A4+ | A5+ | A4+ | A4+ | A8+ |
| 4500 lm | 2200 K | 34.1 | 132 | 24 | 460 | 30.3 | 149 | A7+ | A7+ | A6+ | A6+ | A10+ |
| 4500 lm | 2700 K | 32.4 | 139 | 16 | 642 | 28.6 | 157 | A8+ | A8+ | A7+ | A7+ | A12+ |
| 4500 lm | 3000 K | 31.4 | 143 | 16 | 624 | 27.7 | 162 | A8+ | A9+ | A8+ | A8+ | A12+ |
| 4500 lm | 4000 K | 30 | 150 | 16 | 594 | 26.3 | 171 | A9+ | A10+ | A8+ | A8+ | A12+ |
| 4500 lm | 4000 K | 40.8 | 110 | 24 | 526 | 35.8 | 126 | A4+ | A4+ | A3+ | A3+ | A7+ |
| 6000 lm | 2200 K | 47.7 | 126 | 24 | 628 | 42 | 143 | A6+ | A6+ | A5+ | A5+ | A9+ |
| 6000 lm | 2700 K | 43 | 140 | 24 | 564 | 37.4 | 160 | A8+ | A8+ | A7+ | A7+ | A12+ |
| 6000 lm | 3000 K | 41.9 | 143 | 24 | 548 | 36.3 | 165 | A8+ | A9+ | A8+ | A8+ | A12+ |
| 6000 lm | 4000 K | 40 | 150 | 24 | 522 | 34.5 | 174 | A9+ | A10+ | A8+ | A8+ | A12+ |
| 9000 lm | 2700 K | 61.4 | 147 | 24 | 816 | 55.3 | 163 | A9+ | A9+ | A8+ | A8+ | A12+ |
| 9000 lm | 3000 K | 59.8 | 151 | 24 | 794 | 53.8 | 167 | A9+ | A10+ | A9+ | A9+ | A12+ |
| 9000 lm | 4000 K | 56.3 | 160 | 24 | 746 | 50.3 | 179 | A10+ | A11+ | A10+ | A10+ | A12+ |


Property of Neri S.p.A. - Reproduction and use for unauthorized purposes is prohibited.
Neri reserves the right to make changes to its products and documentation without prior notice.

# RNC21 | Refitting kit

**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 |
| 1500 lm | 2200 K | 11.1 | 135 | 16 | 210 | 8.9 | 169 | A7+ | A8+ | A7+ | A7+ | A11+ |
| 1500 lm | 2700 K | 10.1 | 149 | 16 | 190 | 8 | 188 | A9+ | A10+ | A8+ | A8+ | A12+ |
| 1500 lm | 3000 K | 9.9 | 152 | 16 | 184 | 7.8 | 192 | A9+ | A10+ | A9+ | A9+ | A12+ |
| 1500 lm | 4000 K | 9.6 | 156 | 16 | 176 | 7.5 | 200 | A10+ | A11+ | A9+ | A9+ | A12+ |
| 2500 lm | 2200 K | 18 | 139 | 16 | 356 | 15.4 | 162 | A8+ | A8+ | A7+ | A7+ | A12+ |
| 2500 lm | 2700 K | 16.3 | 153 | 16 | 320 | 13.8 | 181 | A10+ | A10+ | A9+ | A9+ | A12+ |
| 2500 lm | 3000 K | 15.9 | 157 | 16 | 312 | 13.4 | 187 | A10+ | A11+ | A9+ | A9+ | A12+ |
| 2500 lm | 4000 K | 15.3 | 163 | 16 | 298 | 12.8 | 195 | A11+ | A12+ | A10+ | A10+ | A12+ |
| 3500 lm | 2200 K | 25.2 | 139 | 24 | 330 | 21.4 | 164 | A8+ | A8+ | A7+ | A7+ | A12+ |
| 3500 lm | 2700 K | 23 | 152 | 16 | 458 | 20 | 175 | A9+ | A10+ | A9+ | A9+ | A12+ |
| 3500 lm | 3000 K | 22.3 | 157 | 16 | 444 | 19.4 | 180 | A10+ | A11+ | A9+ | A9+ | A12+ |
| 3500 lm | 4000 K | 21.3 | 164 | 16 | 424 | 18.5 | 189 | A11+ | A12+ | A10+ | A10+ | A12+ |
| 4500 lm | 2200 K | 32 | 141 | 24 | 432 | 28.3 | 159 | A8+ | A9+ | A7+ | A7+ | A12+ |
| 4500 lm | 2700 K | 30.3 | 149 | 16 | 600 | 26.6 | 169 | A9+ | A10+ | A8+ | A8+ | A12+ |
| 4500 lm | 3000 K | 29.5 | 153 | 16 | 582 | 25.8 | 174 | A9+ | A10+ | A9+ | A9+ | A12+ |
| 4500 lm | 4000 K | 28.2 | 160 | 16 | 556 | 24.5 | 184 | A10+ | A11+ | A10+ | A10+ | A12+ |
| 6000 lm | 2200 K | 44.7 | 134 | 24 | 588 | 39.1 | 153 | A7+ | A8+ | A6+ | A6+ | A11+ |
| 6000 lm | 2700 K | 39 | 154 | 24 | 528 | 34.9 | 172 | A10+ | A10+ | A9+ | A9+ | A12+ |
| 6000 lm | 3000 K | 37.9 | 158 | 24 | 514 | 33.9 | 177 | A10+ | A11+ | A10+ | A10+ | A12+ |
| 6000 lm | 4000 K | 36.1 | 166 | 24 | 490 | 32.2 | 186 | A11+ | A12+ | A11+ | A11+ | A12+ |
| 7000 lm | 2700 K | 47.3 | 148 | 24 | 624 | 41.6 | 168 | A9+ | A10+ | A8+ | A8+ | A12+ |
| 7500 lm | 3000 K | 49.5 | 152 | 24 | 654 | 43.7 | 172 | A9+ | A10+ | A9+ | A9+ | A12+ |
| 7500 lm | 4000 K | 47.3 | 159 | 24 | 622 | 41.6 | 180 | A10+ | A11+ | A10+ | A10+ | A12+ |
| 9000 lm | 2700 K | 57.4 | 157 | 24 | 762 | 51.4 | 175 | A10+ | A11+ | A9+ | A9+ | A12+ |
| 9000 lm | 3000 K | 55.9 | 161 | 24 | 742 | 50 | 180 | A11+ | A12+ | A10+ | A10+ | A12+ |
| 9000 lm | 4000 K | 52.6 | 171 | 24 | 698 | 46.8 | 192 | A12+ | A12+ | A11+ | A11+ | A12+ |


Property of Neri S.p.A. - Reproduction and use for unauthorized purposes is prohibited.
Neri reserves the right to make changes to its products and documentation without prior notice.

# RNC21 | Refitting kit

**Optic:** Type IV - Forward throw

**Screen finish:** Prismatic

| System | | | | | Source | | | IPEA | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Luminous Flux | Nominal CCT | W | lm/W | n° led | mA | W | lm/W | Road | Urban | Ped | Park | Art |
| 1500 lm | 2200 K | 11.8 | 127 | 16 | 224 | 9.5 | 158 | A6+ | A7+ | A5+ | A5+ | A10+ |
| 1500 lm | 2700 K | 10.8 | 139 | 16 | 202 | 8.6 | 174 | A8+ | A8+ | A7+ | A7+ | A12+ |
| 1500 lm | 3000 K | 10.5 | 143 | 16 | 196 | 8.3 | 181 | A8+ | A9+ | A8+ | A8+ | A12+ |
| 1500 lm | 4000 K | 10.1 | 149 | 16 | 188 | 8 | 188 | A9+ | A10+ | A8+ | A8+ | A12+ |
| 2500 lm | 2200 K | 19.2 | 130 | 16 | 380 | 16.5 | 152 | A6+ | A7+ | A6+ | A6+ | A10+ |
| 2500 lm | 2700 K | 17.4 | 144 | 16 | 342 | 14.8 | 169 | A8+ | A9+ | A8+ | A8+ | A12+ |
| 2500 lm | 3000 K | 17 | 147 | 16 | 332 | 14.4 | 174 | A9+ | A10+ | A8+ | A8+ | A12+ |
| 2500 lm | 4000 K | 16.2 | 154 | 16 | 318 | 13.7 | 182 | A10+ | A11+ | A9+ | A9+ | A12+ |
| 2500 lm | 4000 K | 20.8 | 120 | 24 | 267 | 17.8 | 140 | A5+ | A6+ | A5+ | A5+ | A9+ |
| 3500 lm | 2200 K | 26.7 | 131 | 24 | 352 | 22.9 | 153 | A6+ | A7+ | A6+ | A6+ | A10+ |
| 3500 lm | 2700 K | 25.2 | 139 | 16 | 488 | 21.4 | 164 | A8+ | A8+ | A7+ | A7+ | A12+ |
| 3500 lm | 3000 K | 24.6 | 142 | 16 | 474 | 20.8 | 168 | A8+ | A9+ | A7+ | A7+ | A12+ |
| 3500 lm | 4000 K | 23.6 | 148 | 16 | 452 | 19.8 | 177 | A9+ | A10+ | A8+ | A8+ | A12+ |
| 3500 lm | 4000 K | 30.4 | 115 | 24 | 390 | 26.3 | 133 | A4+ | A5+ | A4+ | A4+ | A8+ |
| 4500 lm | 2200 K | 34.1 | 132 | 24 | 460 | 30.3 | 149 | A7+ | A7+ | A6+ | A6+ | A10+ |
| 4500 lm | 2700 K | 32.4 | 139 | 16 | 642 | 28.6 | 157 | A8+ | A8+ | A7+ | A7+ | A12+ |
| 4500 lm | 3000 K | 31.4 | 143 | 16 | 624 | 27.7 | 162 | A8+ | A9+ | A8+ | A8+ | A12+ |
| 4500 lm | 4000 K | 30 | 150 | 16 | 594 | 26.3 | 171 | A9+ | A10+ | A9+ | A9+ | A12+ |
| 4500 lm | 4000 K | 40.8 | 110 | 24 | 526 | 35.8 | 126 | A4+ | A4+ | A3+ | A3+ | A7+ |
| 6000 lm | 2200 K | 47.7 | 126 | 24 | 628 | 42 | 143 | A6+ | A6+ | A5+ | A5+ | A9+ |
| 6000 lm | 2700 K | 43 | 140 | 24 | 564 | 37.4 | 160 | A8+ | A8+ | A7+ | A7+ | A12+ |
| 6000 lm | 3000 K | 41.9 | 143 | 24 | 548 | 36.3 | 165 | A8+ | A9+ | A8+ | A8+ | A12+ |
| 6000 lm | 4000 K | 40 | 150 | 24 | 522 | 34.5 | 174 | A9+ | A10+ | A9+ | A9+ | A12+ |
| 9000 lm | 2700 K | 61.4 | 147 | 24 | 816 | 55.3 | 163 | A9+ | A9+ | A8+ | A8+ | A12+ |
| 9000 lm | 3000 K | 59.8 | 151 | 24 | 794 | 53.8 | 167 | A9+ | A10+ | A9+ | A9+ | A12+ |
| 9000 lm | 4000 K | 56.3 | 160 | 24 | 746 | 50.3 | 179 | A10+ | A11+ | A10+ | A10+ | A12+ |


Property of Neri S.p.A. - Reproduction and use for unauthorized purposes is prohibited.
Neri reserves the right to make changes to its products and documentation without prior notice.

# RNC21 | Refitting kit

**Optic:** Type IV - C

**Screen finish:** Transparent

| System | | | | | Source | | | IPEA | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Luminous Flux | Nominal CCT | W | lm/W | n° led | mA | W | lm/W | Road | Urban | Ped | Park | Art |
| 1500 lm | 2200 K | 11.1 | 135 | 16 | 210 | 8.9 | 169 | A7+ | A8+ | A7+ | A7+ | A11+ |
| 1500 lm | 2700 K | 10.1 | 149 | 16 | 190 | 8 | 188 | A9+ | A10+ | A8+ | A8+ | A12+ |
| 1500 lm | 3000 K | 9.9 | 152 | 16 | 184 | 7.8 | 192 | A9+ | A10+ | A9+ | A9+ | A12+ |
| 1500 lm | 4000 K | 9.6 | 156 | 16 | 176 | 7.5 | 200 | A10+ | A11+ | A9+ | A9+ | A12+ |
| 2500 lm | 2200 K | 18 | 139 | 16 | 356 | 15.4 | 162 | A8+ | A8+ | A7+ | A7+ | A12+ |
| 2500 lm | 2700 K | 16.3 | 153 | 16 | 320 | 13.8 | 181 | A10+ | A10+ | A9+ | A9+ | A12+ |
| 2500 lm | 3000 K | 15.9 | 157 | 16 | 312 | 13.4 | 187 | A10+ | A11+ | A9+ | A9+ | A12+ |
| 2500 lm | 4000 K | 15.3 | 163 | 16 | 298 | 12.8 | 195 | A11+ | A12+ | A10+ | A10+ | A12+ |
| 3500 lm | 2200 K | 25.2 | 139 | 24 | 330 | 21.4 | 164 | A8+ | A8+ | A7+ | A7+ | A12+ |
| 3500 lm | 2700 K | 23 | 152 | 16 | 458 | 20 | 175 | A9+ | A10+ | A9+ | A9+ | A12+ |
| 3500 lm | 3000 K | 22.3 | 157 | 16 | 444 | 19.4 | 180 | A10+ | A11+ | A9+ | A9+ | A12+ |
| 3500 lm | 4000 K | 21.3 | 164 | 16 | 424 | 18.5 | 189 | A11+ | A12+ | A10+ | A10+ | A12+ |
| 4500 lm | 2200 K | 32 | 141 | 24 | 432 | 28.3 | 159 | A8+ | A9+ | A7+ | A7+ | A12+ |
| 4500 lm | 2700 K | 30.3 | 149 | 16 | 600 | 26.6 | 169 | A9+ | A10+ | A8+ | A8+ | A12+ |
| 4500 lm | 3000 K | 29.5 | 153 | 16 | 582 | 25.8 | 174 | A9+ | A10+ | A9+ | A9+ | A12+ |
| 4500 lm | 4000 K | 28.2 | 160 | 16 | 556 | 24.5 | 184 | A10+ | A11+ | A10+ | A10+ | A12+ |
| 6000 lm | 2200 K | 44.7 | 134 | 24 | 588 | 39.1 | 153 | A7+ | A8+ | A6+ | A6+ | A11+ |
| 6000 lm | 2700 K | 39 | 154 | 24 | 528 | 34.9 | 172 | A10+ | A10+ | A9+ | A9+ | A12+ |
| 6000 lm | 3000 K | 37.9 | 158 | 24 | 514 | 33.9 | 177 | A10+ | A11+ | A10+ | A10+ | A12+ |
| 6000 lm | 4000 K | 36.1 | 166 | 24 | 490 | 32.2 | 186 | A11+ | A12+ | A11+ | A11+ | A12+ |
| 7000 lm | 2700 K | 47.3 | 148 | 24 | 624 | 41.6 | 168 | A9+ | A10+ | A8+ | A8+ | A12+ |
| 7500 lm | 3000 K | 49.5 | 152 | 24 | 654 | 43.7 | 172 | A9+ | A10+ | A9+ | A9+ | A12+ |
| 7500 lm | 4000 K | 47.3 | 159 | 24 | 622 | 41.6 | 180 | A10+ | A11+ | A10+ | A10+ | A12+ |
| 9000 lm | 2700 K | 57.4 | 157 | 24 | 762 | 51.4 | 175 | A10+ | A11+ | A9+ | A9+ | A12+ |
| 9000 lm | 3000 K | 55.9 | 161 | 24 | 742 | 50 | 180 | A11+ | A12+ | A10+ | A10+ | A12+ |
| 9000 lm | 4000 K | 52.6 | 171 | 24 | 698 | 46.8 | 192 | A12+ | A12+ | A11+ | A11+ | A12+ |


Property of Neri S.p.A. - Reproduction and use for unauthorized purposes is prohibited.
Neri reserves the right to make changes to its products and documentation without prior notice.

# RNC21 | Refitting kit

**Optic:** Type IV - C

**Screen finish:** Prismatic

| System | | | | | Source | | | IPEA | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Luminous Flux | Nominal CCT | W | lm/W | n° led | mA | W | lm/W | Road | Urban | Ped | Park | Art |
| 1500 lm | 2200 K | 11.8 | 127 | 16 | 224 | 9.5 | 158 | A6+ | A7+ | A5+ | A5+ | A10+ |
| 1500 lm | 2700 K | 10.8 | 139 | 16 | 202 | 8.6 | 174 | A8+ | A8+ | A7+ | A7+ | A12+ |
| 1500 lm | 3000 K | 10.5 | 143 | 16 | 196 | 8.3 | 181 | A8+ | A9+ | A8+ | A8+ | A12+ |
| 1500 lm | 4000 K | 10.1 | 149 | 16 | 188 | 8 | 188 | A9+ | A10+ | A8+ | A8+ | A12+ |
| 2500 lm | 2200 K | 19.2 | 130 | 16 | 380 | 16.5 | 152 | A6+ | A7+ | A6+ | A6+ | A10+ |
| 2500 lm | 2700 K | 17.4 | 144 | 16 | 342 | 14.8 | 169 | A8+ | A9+ | A8+ | A8+ | A12+ |
| 2500 lm | 3000 K | 17 | 147 | 16 | 332 | 14.4 | 174 | A9+ | A10+ | A8+ | A8+ | A12+ |
| 2500 lm | 4000 K | 16.2 | 154 | 16 | 318 | 13.7 | 182 | A10+ | A11+ | A9+ | A9+ | A12+ |
| 2500 lm | 4000 K | 20.8 | 120 | 24 | 267 | 17.8 | 140 | A5+ | A6+ | A5+ | A5+ | A9+ |
| 3500 lm | 2200 K | 26.7 | 131 | 24 | 352 | 22.9 | 153 | A6+ | A7+ | A6+ | A6+ | A10+ |
| 3500 lm | 2700 K | 25.2 | 139 | 16 | 488 | 21.4 | 164 | A8+ | A8+ | A7+ | A7+ | A12+ |
| 3500 lm | 3000 K | 24.6 | 142 | 16 | 474 | 20.8 | 168 | A8+ | A9+ | A7+ | A7+ | A12+ |
| 3500 lm | 4000 K | 23.6 | 148 | 16 | 452 | 19.8 | 177 | A9+ | A10+ | A8+ | A8+ | A12+ |
| 3500 lm | 4000 K | 30.4 | 115 | 24 | 390 | 26.3 | 133 | A4+ | A5+ | A4+ | A4+ | A8+ |
| 4500 lm | 2200 K | 34.1 | 132 | 24 | 460 | 30.3 | 149 | A7+ | A7+ | A6+ | A6+ | A10+ |
| 4500 lm | 2700 K | 32.4 | 139 | 16 | 642 | 28.6 | 157 | A8+ | A8+ | A7+ | A7+ | A12+ |
| 4500 lm | 3000 K | 31.4 | 143 | 16 | 624 | 27.7 | 162 | A8+ | A9+ | A8+ | A8+ | A12+ |
| 4500 lm | 4000 K | 30 | 150 | 16 | 594 | 26.3 | 171 | A9+ | A10+ | A8+ | A8+ | A12+ |
| 4500 lm | 4000 K | 40.8 | 110 | 24 | 526 | 35.8 | 126 | A4+ | A4+ | A3+ | A3+ | A7+ |
| 6000 lm | 2200 K | 47.7 | 126 | 24 | 628 | 42 | 143 | A6+ | A6+ | A5+ | A5+ | A9+ |
| 6000 lm | 2700 K | 43 | 140 | 24 | 564 | 37.4 | 160 | A8+ | A8+ | A7+ | A7+ | A12+ |
| 6000 lm | 3000 K | 41.9 | 143 | 24 | 548 | 36.3 | 165 | A8+ | A9+ | A8+ | A8+ | A12+ |
| 6000 lm | 4000 K | 40 | 150 | 24 | 522 | 34.5 | 174 | A9+ | A10+ | A8+ | A8+ | A12+ |
| 9000 lm | 2700 K | 61.4 | 147 | 24 | 816 | 55.3 | 163 | A9+ | A9+ | A8+ | A8+ | A12+ |
| 9000 lm | 3000 K | 59.8 | 151 | 24 | 794 | 53.8 | 167 | A9+ | A10+ | A9+ | A9+ | A12+ |
| 9000 lm | 4000 K | 56.3 | 160 | 24 | 746 | 50.3 | 179 | A10+ | A11+ | A10+ | A10+ | A12+ |


Property of Neri S.p.A. - Reproduction and use for unauthorized purposes is prohibited.
Neri reserves the right to make changes to its products and documentation without prior notice.

# RNC21 | Refitting kit

**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 |
| 1500 lm | 2200 K | 11.1 | 135 | 16 | 210 | 8.9 | 169 | A7+ | A8+ | A7+ | A7+ | A11+ |
| 1500 lm | 2700 K | 10.1 | 149 | 16 | 190 | 8 | 188 | A9+ | A10+ | A8+ | A8+ | A12+ |
| 1500 lm | 3000 K | 9.9 | 152 | 16 | 184 | 7.8 | 192 | A9+ | A10+ | A9+ | A9+ | A12+ |
| 1500 lm | 4000 K | 9.6 | 156 | 16 | 176 | 7.5 | 200 | A10+ | A11+ | A9+ | A9+ | A12+ |
| 2500 lm | 2200 K | 18 | 139 | 16 | 356 | 15.4 | 162 | A8+ | A8+ | A7+ | A7+ | A12+ |
| 2500 lm | 2700 K | 16.3 | 153 | 16 | 320 | 13.8 | 181 | A10+ | A10+ | A9+ | A9+ | A12+ |
| 2500 lm | 3000 K | 15.9 | 157 | 16 | 312 | 13.4 | 187 | A10+ | A11+ | A9+ | A9+ | A12+ |
| 2500 lm | 4000 K | 15.3 | 163 | 16 | 298 | 12.8 | 195 | A11+ | A12+ | A10+ | A10+ | A12+ |
| 3500 lm | 2200 K | 25.2 | 139 | 24 | 330 | 21.4 | 164 | A8+ | A8+ | A7+ | A7+ | A12+ |
| 3500 lm | 2700 K | 23 | 152 | 16 | 458 | 20 | 175 | A9+ | A10+ | A9+ | A9+ | A12+ |
| 3500 lm | 3000 K | 22.3 | 157 | 16 | 444 | 19.4 | 180 | A10+ | A11+ | A9+ | A9+ | A12+ |
| 3500 lm | 4000 K | 21.3 | 164 | 16 | 424 | 18.5 | 189 | A11+ | A12+ | A10+ | A10+ | A12+ |
| 4500 lm | 2200 K | 32 | 141 | 24 | 432 | 28.3 | 159 | A8+ | A9+ | A7+ | A7+ | A12+ |
| 4500 lm | 2700 K | 30.3 | 149 | 16 | 600 | 26.6 | 169 | A9+ | A10+ | A8+ | A8+ | A12+ |
| 4500 lm | 3000 K | 29.5 | 153 | 16 | 582 | 25.8 | 174 | A9+ | A10+ | A9+ | A9+ | A12+ |
| 4500 lm | 4000 K | 28.2 | 160 | 16 | 556 | 24.5 | 184 | A10+ | A11+ | A10+ | A10+ | A12+ |
| 6000 lm | 2200 K | 44.7 | 134 | 24 | 588 | 39.1 | 153 | A7+ | A8+ | A6+ | A6+ | A11+ |
| 6000 lm | 2700 K | 39 | 154 | 24 | 528 | 34.9 | 172 | A10+ | A10+ | A9+ | A9+ | A12+ |
| 6000 lm | 3000 K | 37.9 | 158 | 24 | 514 | 33.9 | 177 | A10+ | A11+ | A10+ | A10+ | A12+ |
| 6000 lm | 4000 K | 36.1 | 166 | 24 | 490 | 32.2 | 186 | A11+ | A12+ | A11+ | A11+ | A12+ |
| 7000 lm | 2700 K | 47.3 | 148 | 24 | 624 | 41.6 | 168 | A9+ | A10+ | A8+ | A8+ | A12+ |
| 7500 lm | 3000 K | 49.5 | 152 | 24 | 654 | 43.7 | 172 | A9+ | A10+ | A9+ | A9+ | A12+ |
| 7500 lm | 4000 K | 47.3 | 159 | 24 | 622 | 41.6 | 180 | A10+ | A11+ | A10+ | A10+ | A12+ |
| 9000 lm | 2700 K | 57.4 | 157 | 24 | 762 | 51.4 | 175 | A10+ | A11+ | A9+ | A9+ | A12+ |
| 9000 lm | 3000 K | 55.9 | 161 | 24 | 742 | 50 | 180 | A11+ | A12+ | A10+ | A10+ | A12+ |
| 9000 lm | 4000 K | 52.6 | 171 | 24 | 698 | 46.8 | 192 | A12+ | A12+ | A11+ | A11+ | A12+ |


Property of Neri S.p.A. - Reproduction and use for unauthorized purposes is prohibited.
Neri reserves the right to make changes to its products and documentation without prior notice.

# RNC21 | Refitting kit

**Optic:** Type V - Rotosymmetric

**Screen finish:** Prismatic

| System | | | | | Source | | | IPEA | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Luminous Flux | Nominal CCT | W | lm/W | n° led | mA | W | lm/W | Road | Urban | Ped | Park | Art |
| 1500 lm | 2200 K | 11.8 | 127 | 16 | 224 | 9.5 | 158 | A6+ | A7+ | A5+ | A5+ | A10+ |
| 1500 lm | 2700 K | 10.8 | 139 | 16 | 202 | 8.6 | 174 | A8+ | A8+ | A7+ | A7+ | A12+ |
| 1500 lm | 3000 K | 10.5 | 143 | 16 | 196 | 8.3 | 181 | A8+ | A9+ | A8+ | A8+ | A12+ |
| 1500 lm | 4000 K | 10.1 | 149 | 16 | 188 | 8 | 188 | A9+ | A10+ | A8+ | A8+ | A12+ |
| 2500 lm | 2200 K | 19.2 | 130 | 16 | 380 | 16.5 | 152 | A6+ | A7+ | A6+ | A6+ | A10+ |
| 2500 lm | 2700 K | 17.4 | 144 | 16 | 342 | 14.8 | 169 | A8+ | A9+ | A8+ | A8+ | A12+ |
| 2500 lm | 3000 K | 17 | 147 | 16 | 332 | 14.4 | 174 | A9+ | A10+ | A8+ | A8+ | A12+ |
| 2500 lm | 4000 K | 16.2 | 154 | 16 | 318 | 13.7 | 182 | A10+ | A11+ | A9+ | A9+ | A12+ |
| 2500 lm | 4000 K | 20.8 | 120 | 24 | 267 | 17.8 | 140 | A5+ | A6+ | A5+ | A5+ | A9+ |
| 3500 lm | 2200 K | 26.7 | 131 | 24 | 352 | 22.9 | 153 | A6+ | A7+ | A6+ | A6+ | A10+ |
| 3500 lm | 2700 K | 25.2 | 139 | 16 | 488 | 21.4 | 164 | A8+ | A8+ | A7+ | A7+ | A12+ |
| 3500 lm | 3000 K | 24.6 | 142 | 16 | 474 | 20.8 | 168 | A8+ | A9+ | A7+ | A7+ | A12+ |
| 3500 lm | 4000 K | 23.6 | 148 | 16 | 452 | 19.8 | 177 | A9+ | A10+ | A8+ | A8+ | A12+ |
| 3500 lm | 4000 K | 30.4 | 115 | 24 | 390 | 26.3 | 133 | A4+ | A5+ | A4+ | A4+ | A8+ |
| 4500 lm | 2200 K | 34.1 | 132 | 24 | 460 | 30.3 | 149 | A7+ | A7+ | A6+ | A6+ | A10+ |
| 4500 lm | 2700 K | 32.4 | 139 | 16 | 642 | 28.6 | 157 | A8+ | A8+ | A7+ | A7+ | A12+ |
| 4500 lm | 3000 K | 31.4 | 143 | 16 | 624 | 27.7 | 162 | A8+ | A9+ | A8+ | A8+ | A12+ |
| 4500 lm | 4000 K | 30 | 150 | 16 | 594 | 26.3 | 171 | A9+ | A10+ | A9+ | A9+ | A12+ |
| 4500 lm | 4000 K | 40.8 | 110 | 24 | 526 | 35.8 | 126 | A4+ | A4+ | A3+ | A3+ | A7+ |
| 6000 lm | 2200 K | 47.7 | 126 | 24 | 628 | 42 | 143 | A6+ | A6+ | A5+ | A5+ | A9+ |
| 6000 lm | 2700 K | 43 | 140 | 24 | 564 | 37.4 | 160 | A8+ | A8+ | A7+ | A7+ | A12+ |
| 6000 lm | 3000 K | 41.9 | 143 | 24 | 548 | 36.3 | 165 | A8+ | A9+ | A8+ | A8+ | A12+ |
| 6000 lm | 4000 K | 40 | 150 | 24 | 522 | 34.5 | 174 | A9+ | A10+ | A9+ | A9+ | A12+ |
| 9000 lm | 2700 K | 61.4 | 147 | 24 | 816 | 55.3 | 163 | A9+ | A9+ | A8+ | A8+ | A12+ |
| 9000 lm | 3000 K | 59.8 | 151 | 24 | 794 | 53.8 | 167 | A9+ | A10+ | A9+ | A9+ | A12+ |
| 9000 lm | 4000 K | 56.3 | 160 | 24 | 746 | 50.3 | 179 | A10+ | A11+ | A10+ | A10+ | A12+ |


Property of Neri S.p.A. - Reproduction and use for unauthorized purposes is prohibited.
Neri reserves the right to make changes to its products and documentation without prior notice.