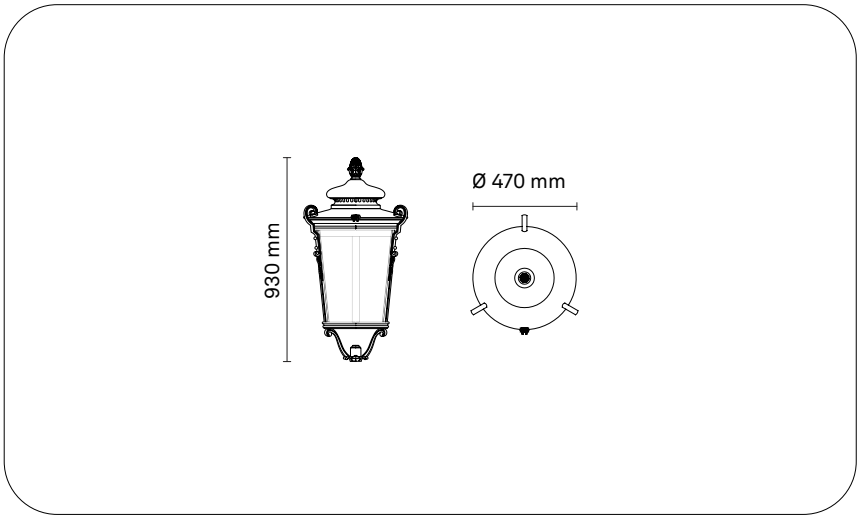
NERI

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

LIGHT 600 | LUMINAIRE | POST TOP ENTRY





CE IP43 IK06 Classe II

ORDERING INFORMATION / GUIDE

Example: **LU60000-N-D28-730-L015-SG-V1-F27-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	**L015** 1500 lm	**SG** Frosted	**V1** 220V-240V	**F27** ON/OFF+CLO	**M2** Class II	**CN0** Grey [Neri] Textured
D36 Type II - Asymmetric	**740** Ra70 4000 K	**L025** 2500 lm			**F02** 1-10V+CLO		
D22 Type III - B		**L035** 3500 lm			**F06** DALI+CLO		
D25 Type III - C		**L045** 4500 lm			**F10** D4i+ZHAGA		
D37 Type III - Asymmetric		**L060** 6000 lm			**F04** Ampdim+CLO		
D24 Type IV - Forward throw		**L075** 7500 lm			**F14** NVL6H+CLO		
D38 Type IV - C							
D30 Type V - Rotosymmetric							

Generated code: **LU60000 - N** - _ _ _ - _ _ _ - _ _ _ _ - _ _ - _ _ - _ _ _ - _ _ - _ _ _

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

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SOURCE

High-power LED matrix.

Energy-efficiency class: C, D
LED forward current: 212-800 mA
Power rating: 9-54.1 W
Nominal Flux: 1500-7500 lm
Nominal CCT (Colour temperature): 3000 K, 4000 K
Color Rendering Index (Ra): 70
Standard Deviation Colour Matching: ≤5
ANSI/IES TM-30: Rf = 74-75 Rg = 93-95
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 = 7%
LED quantity: 16, 24
Cutoff Angle: Non Cutoff, Semi Cutoff C = 10, 50° γ = 56, 66°
Luminous flux: 1500-7500 lm
Luminous efficacy: 118-139 lm/W
Maximum luminous intensity γ 90°: ≤44 cd/klm
Luminous intensity class: G*1, G*2
IPEA: Road A4+ / A6+, Urban A4+ / A7+, Ped A3+ / A6+, Park A3+ / A6+, Art A7+ / A10+
BUG: B=1-3, U=3, 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: 12.1-60.2 W
Power supply: 220V-240V~ 50/60Hz
Power factor: ≥0.99
Insulation class: Class II
Control type - driver: ON/OFF+CLO, 1-10V+CLO, DALI+CLO, D4i+ZHAGA, Ampdim+CLO, NVL6H+CLO
Safe Flicker: PstLM=<1 e SVM=<0,4 (IEC TR 61547-1 e IEC TR 63158)
Ambient temperature: -30 °C / +50 °C
Driver included: Yes
Surge protection: 10kV CM - 10kV DM

MECHANICAL CHARACTERISTICS

Structure made of die-cast aluminium (UNI EN 1706) with an upper circular tilting frame, hinged to the lower frame and equipped with a decorative finial.
Lower frame consisting of a ring and three curved decorative uprights, joined into a tripod with a flange and Ø28 mm hole for mounting to the support; electrical cable routed inside an internal tube near a vertical upright.
Full basket screen in satin-finished polymethyl methacrylate (PMMA) with IK06 impact resistance (EN 62262) and stainless steel screws.

Diameter: 470 mm
Height: 930 mm
Weight: 13 kg
Wind-exposed area: 0.17 m²
Protection degree: IP43
Mechanical resistance: IK06
Finish: Grey [Neri] Textured

INSTALLATION

Pole-top: flange with central hole Ø 28 mm for fastening to the support.

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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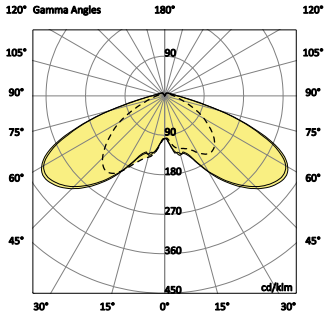
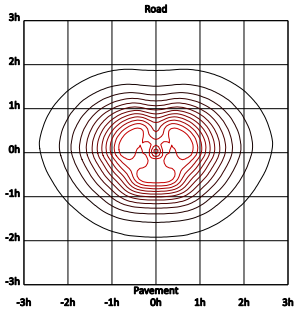
Optic: Type I - Center road

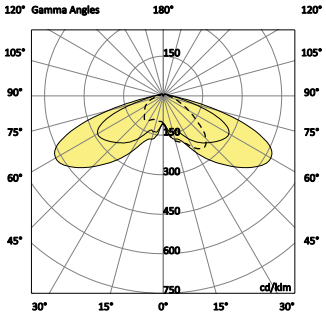
Screen finish: Frosted

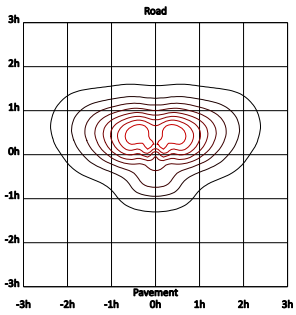




Optic: Type II - Asymmetric

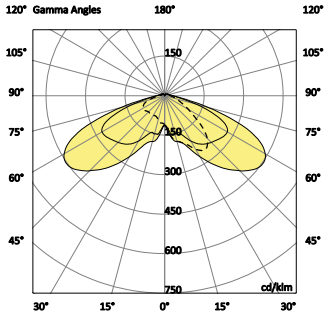
Screen finish: Frosted

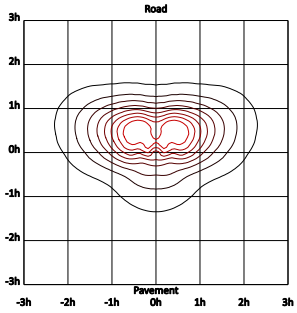




Optic: Type III - B

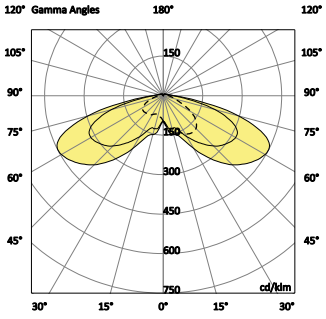
Screen finish: Frosted

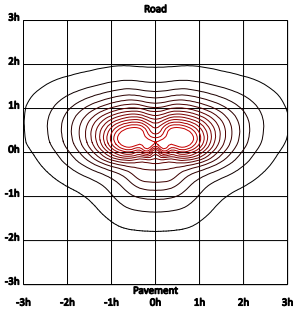




Optic: Type III - C

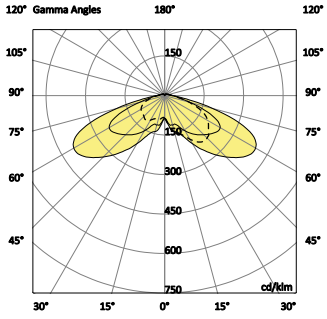
Screen finish: Frosted

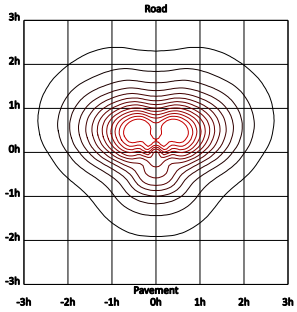




Optic: Type III - Asymmetric

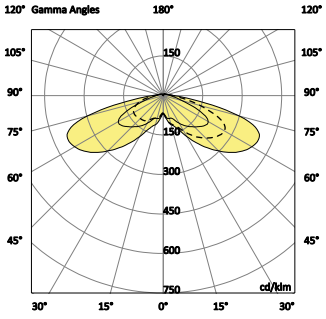
Screen finish: Frosted

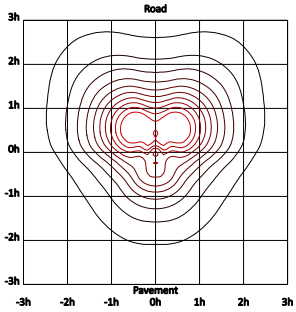




Optic: Type IV - Forward throw

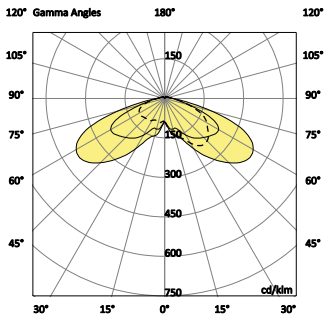
Screen finish: Frosted

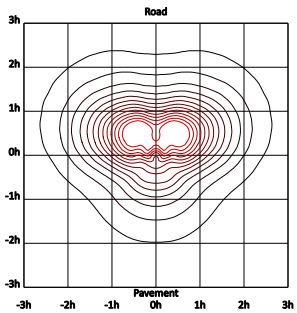




Optic: Type IV - C

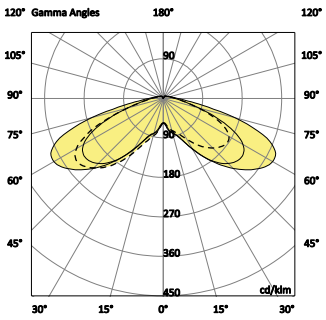
Screen finish: Frosted

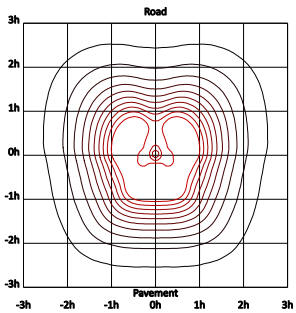




Optic: Type V - Rotosymmetric

Screen finish: Frosted





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Optic: Type I - Center road — **Screen finish:** Frosted

System					Source			IPEA				
Luminous Flux	**Nominal CCT**	**W**	**lm/W**	**n° led**	**mA**	**W**	**lm/W**	**Road**	**Urban**	**Ped**	**Park**	**Art**
1500 lm	3000 K	12.7	118	16	222	9.5	158	A4+	A4+	A3+	A3+	A7+
1500 lm	4000 K	12.1	124	16	212	9	167	A4+	A5+	A4+	A4+	A8+
2500 lm	3000 K	20.1	124	16	376	16.4	152	A4+	A5+	A4+	A4+	A8+
2500 lm	4000 K	19.3	130	16	360	15.6	160	A5+	A6+	A5+	A5+	A9+
3500 lm	3000 K	27.5	127	16	540	23.8	147	A5+	A5+	A4+	A4+	A8+
3500 lm	4000 K	26.5	132	16	514	22.7	154	A5+	A6+	A5+	A5+	A9+
4500 lm	3000 K	33.8	133	24	458	30	150	A5+	A6+	A5+	A5+	A9+
4500 lm	4000 K	32.4	139	24	436	28.6	157	A6+	A7+	A6+	A6+	A10+
6000 lm	3000 K	47.4	127	24	624	41.7	144	A5+	A5+	A4+	A4+	A8+
6000 lm	4000 K	45.3	132	24	594	39.6	152	A5+	A6+	A5+	A5+	A9+
7500 lm	3000 K	60.2	125	24	800	54.1	139	A4+	A5+	A4+	A4+	A8+
7500 lm	4000 K	57.3	131	24	760	51.3	146	A5+	A6+	A5+	A5+	A9+

Optic: Type II - Asymmetric — **Screen finish:** Frosted

System					Source			IPEA				
Luminous Flux	**Nominal CCT**	**W**	**lm/W**	**n° led**	**mA**	**W**	**lm/W**	**Road**	**Urban**	**Ped**	**Park**	**Art**
1500 lm	3000 K	12.7	118	16	222	9.5	158	A4+	A4+	A3+	A3+	A7+
1500 lm	4000 K	12.1	124	16	212	9	167	A4+	A5+	A4+	A4+	A8+
2500 lm	3000 K	20.1	124	16	376	16.4	152	A4+	A5+	A4+	A4+	A8+
2500 lm	4000 K	19.3	130	16	360	15.6	160	A5+	A6+	A5+	A5+	A9+
3500 lm	3000 K	27.5	127	16	540	23.8	147	A5+	A5+	A4+	A4+	A8+
3500 lm	4000 K	26.5	132	16	514	22.7	154	A5+	A6+	A5+	A5+	A9+
4500 lm	3000 K	33.8	133	24	458	30	150	A5+	A6+	A5+	A5+	A9+
4500 lm	4000 K	32.4	139	24	436	28.6	157	A6+	A7+	A6+	A6+	A10+
6000 lm	3000 K	47.4	127	24	624	41.7	144	A5+	A5+	A4+	A4+	A8+
6000 lm	4000 K	45.3	132	24	594	39.6	152	A5+	A6+	A5+	A5+	A9+
7500 lm	3000 K	60.2	125	24	800	54.1	139	A4+	A5+	A4+	A4+	A8+
7500 lm	4000 K	57.3	131	24	760	51.3	146	A5+	A6+	A5+	A5+	A9+

Optic: Type III - B — **Screen finish:** Frosted

System					Source			IPEA				
Luminous Flux	**Nominal CCT**	**W**	**lm/W**	**n° led**	**mA**	**W**	**lm/W**	**Road**	**Urban**	**Ped**	**Park**	**Art**
1500 lm	3000 K	12.7	118	16	222	9.5	158	A4+	A4+	A3+	A3+	A7+
1500 lm	4000 K	12.1	124	16	212	9	167	A4+	A5+	A4+	A4+	A8+
2500 lm	3000 K	20.1	124	16	376	16.4	152	A4+	A5+	A4+	A4+	A8+
2500 lm	4000 K	19.3	130	16	360	15.6	160	A5+	A6+	A5+	A5+	A9+
3500 lm	3000 K	27.5	127	16	540	23.8	147	A5+	A5+	A4+	A4+	A8+
3500 lm	4000 K	26.5	132	16	514	22.7	154	A5+	A6+	A5+	A5+	A9+
4500 lm	3000 K	33.8	133	24	458	30	150	A5+	A6+	A5+	A5+	A9+
4500 lm	4000 K	32.4	139	24	436	28.6	157	A6+	A7+	A6+	A6+	A10+
6000 lm	3000 K	47.4	127	24	624	41.7	144	A5+	A5+	A4+	A4+	A8+
6000 lm	4000 K	45.3	132	24	594	39.6	152	A5+	A6+	A5+	A5+	A9+
7500 lm	3000 K	60.2	125	24	800	54.1	139	A4+	A5+	A4+	A4+	A8+
7500 lm	4000 K	57.3	131	24	760	51.3	146	A5+	A6+	A5+	A5+	A9+

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Optic: Type III - C

Screen finish: Frosted

System					Source			IPEA				
Luminous Flux	**Nominal CCT**	**W**	**lm/W**	**n° led**	**mA**	**W**	**lm/W**	**Road**	**Urban**	**Ped**	**Park**	**Art**
1500 lm	3000 K	12.7	118	16	222	9.5	158	A4+	A4+	A3+	A3+	A7+
1500 lm	4000 K	12.1	124	16	212	9	167	A4+	A5+	A4+	A4+	A8+
2500 lm	3000 K	20.1	124	16	376	16.4	152	A4+	A5+	A4+	A4+	A8+
2500 lm	4000 K	19.3	130	16	360	15.6	160	A5+	A6+	A5+	A5+	A9+
3500 lm	3000 K	27.5	127	16	540	23.8	147	A5+	A5+	A4+	A4+	A8+
3500 lm	4000 K	26.5	132	16	514	22.7	154	A5+	A6+	A5+	A5+	A9+
4500 lm	3000 K	33.8	133	24	458	30	150	A5+	A6+	A5+	A5+	A9+
4500 lm	4000 K	32.4	139	24	436	28.6	157	A6+	A7+	A6+	A6+	A10+
6000 lm	3000 K	47.4	127	24	624	41.7	144	A5+	A5+	A4+	A4+	A8+
6000 lm	4000 K	45.3	132	24	594	39.6	152	A5+	A6+	A5+	A5+	A9+
7500 lm	3000 K	60.2	125	24	800	54.1	139	A4+	A5+	A4+	A4+	A8+
7500 lm	4000 K	57.3	131	24	760	51.3	146	A5+	A6+	A5+	A5+	A9+

Optic: Type III - Asymmetric

Screen finish: Frosted

System					Source			IPEA				
Luminous Flux	**Nominal CCT**	**W**	**lm/W**	**n° led**	**mA**	**W**	**lm/W**	**Road**	**Urban**	**Ped**	**Park**	**Art**
1500 lm	3000 K	12.7	118	16	222	9.5	158	A4+	A4+	A3+	A3+	A7+
1500 lm	4000 K	12.1	124	16	212	9	167	A4+	A5+	A4+	A4+	A8+
2500 lm	3000 K	20.1	124	16	376	16.4	152	A4+	A5+	A4+	A4+	A8+
2500 lm	4000 K	19.3	130	16	360	15.6	160	A5+	A6+	A5+	A5+	A9+
3500 lm	3000 K	27.5	127	16	540	23.8	147	A5+	A5+	A4+	A4+	A8+
3500 lm	4000 K	26.5	132	16	514	22.7	154	A5+	A6+	A5+	A5+	A9+
4500 lm	3000 K	33.8	133	24	458	30	150	A5+	A6+	A5+	A5+	A9+
4500 lm	4000 K	32.4	139	24	436	28.6	157	A6+	A7+	A6+	A6+	A10+
6000 lm	3000 K	47.4	127	24	624	41.7	144	A5+	A5+	A4+	A4+	A8+
6000 lm	4000 K	45.3	132	24	594	39.6	152	A5+	A6+	A5+	A5+	A9+
7500 lm	3000 K	60.2	125	24	800	54.1	139	A4+	A5+	A4+	A4+	A8+
7500 lm	4000 K	57.3	131	24	760	51.3	146	A5+	A6+	A5+	A5+	A9+

Optic: Type IV - Forward throw

Screen finish: Frosted

System					Source			IPEA				
Luminous Flux	**Nominal CCT**	**W**	**lm/W**	**n° led**	**mA**	**W**	**lm/W**	**Road**	**Urban**	**Ped**	**Park**	**Art**
1500 lm	3000 K	12.7	118	16	222	9.5	158	A4+	A4+	A3+	A3+	A7+
1500 lm	4000 K	12.1	124	16	212	9	167	A4+	A5+	A4+	A4+	A8+
2500 lm	3000 K	20.1	124	16	376	16.4	152	A4+	A5+	A4+	A4+	A8+
2500 lm	4000 K	19.3	130	16	360	15.6	160	A5+	A6+	A5+	A5+	A9+
3500 lm	3000 K	27.5	127	16	540	23.8	147	A5+	A5+	A4+	A4+	A8+
3500 lm	4000 K	26.5	132	16	514	22.7	154	A5+	A6+	A5+	A5+	A9+
4500 lm	3000 K	33.8	133	24	458	30	150	A5+	A6+	A5+	A5+	A9+
4500 lm	4000 K	32.4	139	24	436	28.6	157	A6+	A7+	A6+	A6+	A10+
6000 lm	3000 K	47.4	127	24	624	41.7	144	A5+	A5+	A4+	A4+	A8+
6000 lm	4000 K	45.3	132	24	594	39.6	152	A5+	A6+	A5+	A5+	A9+
7500 lm	3000 K	60.2	125	24	800	54.1	139	A4+	A5+	A4+	A4+	A8+
7500 lm	4000 K	57.3	131	24	760	51.3	146	A5+	A6+	A5+	A5+	A9+

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Optic: Type IV - C

Screen finish: Frosted

System					Source			IPEA				
Luminous Flux	**Nominal CCT**	**W**	**lm/W**	**n° led**	**mA**	**W**	**lm/W**	**Road**	**Urban**	**Ped**	**Park**	**Art**
1500 lm	3000 K	12.7	118	16	222	9.5	158	A4+	A4+	A3+	A3+	A7+
1500 lm	4000 K	12.1	124	16	212	9	167	A4+	A5+	A4+	A4+	A8+
2500 lm	3000 K	20.1	124	16	376	16.4	152	A4+	A5+	A4+	A4+	A8+
2500 lm	4000 K	19.3	130	16	360	15.6	160	A5+	A6+	A5+	A5+	A9+
3500 lm	3000 K	27.5	127	16	540	23.8	147	A5+	A5+	A4+	A4+	A8+
3500 lm	4000 K	26.5	132	16	514	22.7	154	A5+	A6+	A5+	A5+	A9+
4500 lm	3000 K	33.8	133	24	458	30	150	A5+	A6+	A5+	A5+	A9+
4500 lm	4000 K	32.4	139	24	436	28.6	157	A6+	A7+	A6+	A6+	A10+
6000 lm	3000 K	47.4	127	24	624	41.7	144	A5+	A5+	A4+	A4+	A8+
6000 lm	4000 K	45.3	132	24	594	39.6	152	A5+	A6+	A5+	A5+	A9+
7500 lm	3000 K	60.2	125	24	800	54.1	139	A4+	A5+	A4+	A4+	A8+
7500 lm	4000 K	57.3	131	24	760	51.3	146	A5+	A6+	A5+	A5+	A9+

Optic: Type V - Rotosymmetric

Screen finish: Frosted

System					Source			IPEA				
Luminous Flux	**Nominal CCT**	**W**	**lm/W**	**n° led**	**mA**	**W**	**lm/W**	**Road**	**Urban**	**Ped**	**Park**	**Art**
1500 lm	3000 K	12.7	118	16	222	9.5	158	A4+	A4+	A3+	A3+	A7+
1500 lm	4000 K	12.1	124	16	212	9	167	A4+	A5+	A4+	A4+	A8+
2500 lm	3000 K	20.1	124	16	376	16.4	152	A4+	A5+	A4+	A4+	A8+
2500 lm	4000 K	19.3	130	16	360	15.6	160	A5+	A6+	A5+	A5+	A9+
3500 lm	3000 K	27.5	127	16	540	23.8	147	A5+	A5+	A4+	A4+	A8+
3500 lm	4000 K	26.5	132	16	514	22.7	154	A5+	A6+	A5+	A5+	A9+
4500 lm	3000 K	33.8	133	24	458	30	150	A6+	A6+	A5+	A5+	A9+
4500 lm	4000 K	32.4	139	24	436	28.6	157	A6+	A7+	A6+	A6+	A10+
6000 lm	3000 K	47.4	127	24	624	41.7	144	A5+	A5+	A4+	A4+	A8+
6000 lm	4000 K	45.3	132	24	594	39.6	152	A5+	A6+	A5+	A5+	A9+
7500 lm	3000 K	60.2	125	24	800	54.1	139	A4+	A5+	A4+	A4+	A8+
7500 lm	4000 K	57.3	131	24	760	51.3	146	A5+	A6+	A5+	A5+	A9+

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