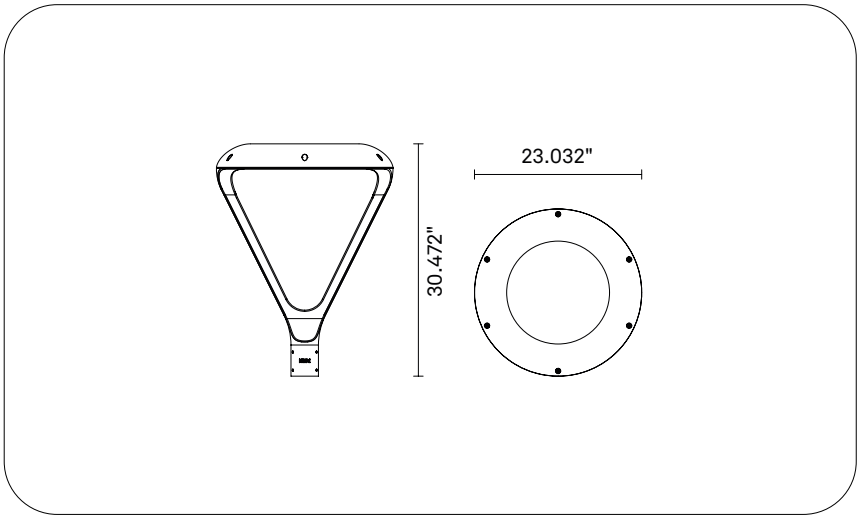
NERI

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

LANG | LUMINAIRE | 2 LIGHT SOURCES





IP66 IK08

ORDERING INFORMATION / GUIDE

Example: **LULAN03-U-D03-827-L035-ST-V0-F35-MU-CN0**

OPTICS	RA+K	LUMINOUS FLUX	LENS	VOLTAGE	DRIVER FUNCTION	ISO CLASS	FINISH
D03 T2	**827** Ra80 2700 K	**L035** 3500 lm	**ST** Transparent	**V0** 120V-277V	**F35** 0-10V+CLO	**MU** UL	**CN0** Grey [Neri] Textured
D06 T2 + T3	**830** Ra80 3000 K	**L045** 4500 lm	**SP** Prismatic		**F11** NEMA-3		
D12 T2 + T4	**840** Ra80 4000 K	**L050** 5000 lm					
D05 T3		**L053** 5300 lm					
D07 T3 + T3		**L068** 6800 lm					
D08 T3 + T4		**L070** 7000 lm					
D11 T4		**L075** 7500 lm					
D13 T4 + T4		**L113** 11300 lm					
D14 T5		**L120** 12000 lm					
		LX01 4500 lm + 4500 lm					
		LX02 6000 lm + 3000 lm					

Generated code: **LULAN03 - U** - _ _ _ - _ _ _ - _ _ _ _ - _ _ - _ _ - _ _ _ - _ _ - _ _ _

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.

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: D, E
LED forward current: 278-804 mA
Power rating: 24.7-110.8 W
Nominal Flux: 3500-12000 lm
Nominal CCT (Color temperature): 2700 K, 3000 K, 4000 K
Color Rendering Index (Ra): 80
Standard Deviation Colour Matching: ≤5
ANSI/IES TM-30: Rf = 84-85 Rg = 97-98
Rated lifetime: L80 = 100000 h (Ts = 85 °C, 700 mA)

LIGHTING CHARACTERISTICS

Modular 3x3 refractive lenses in PMMA.

Optics: T2, T2 + T3, T2 + T4, T3, T3 + T3, T3 + T4, T4, T4 + T4, T5
Optical efficiency: LOR = 100% ULOR = 0%
LED quantity: 32, 48, 64
Cutoff Angle: Cutoff, Semi Cutoff C = 5, 215° γ = 2, 70°
Luminous flux: 3500-12000 lm
Luminous efficacy: 90-119 lm/W
BUG: B=1-3, U=1, G=1-3
Photobiological safety: RG1 - Low risk

ELECTRICAL CHARACTERISTICS

Luminaire power: 30.1-125.2 W
Voltage: 120V-277V~ 50/60Hz
Power factor: ≥0.99
Insulation class: UL
Control type - driver: 0-10V+CLO, NEMA-3
Safe Flicker: PstLM=<1 e SVM=<0,4 (IEC TR 61547-1 e IEC TR 63158)
Ambient temperature: -31 °F / +95 °F
Driver included: Yes

Cable type: 5GAWG18 SJTW
Cable length: 3.281 ft
Surge protection: 6kV CM - 6kV DM

MECHANICAL CHARACTERISTICS

Structure made of cast and sheet aluminum (UNI EN 1706) with an internal extruded aluminum heat sink and a screw-open top cover.
Extra-clear prismatized flat glass screen with double screen and white polycarbonate recovery reflector.
Equipped with an osmotic valve for internal/external pressure balancing and a compartment designed for surge protection devices or remote control systems.
Stainless steel screws.

Diameter: 23.032 in
Height: 30.472 in
Weight: 41.34 lb
EPA: 1.61 ft²
Protection degree: IP66
Mechanical resistance: IK08
Finish: Grey [Neri] Textured

INSTALLATION

Post-top installation on Ø 2”, Ø 2 1/2”, and Ø 3” poles
Pole-top mounting on Ø 2-3/8″ tubes (with reducing ring) and on Ø 3″ tubes (without reducing ring).
Flush-mounted on Ø 3-1/2″ tubes.

WARNINGS

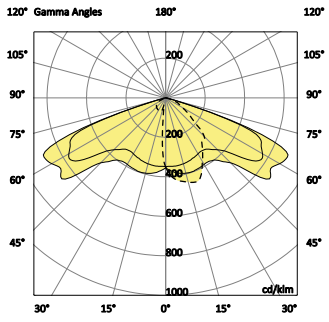
Luminaire designed for disposal/recycling at end-of-life.
Replaceable (LED only) light source by a professional.
Replaceable control gear by a professional.
Protection of surfaces: please refer to the specification on painting procedures of the materials.

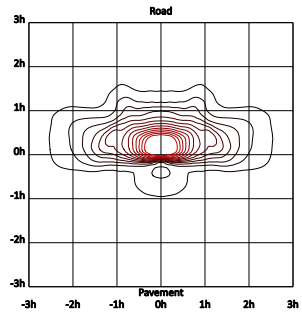
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LANG | LUMINAIRE | 2 LIGHT SOURCES

Optic: T2

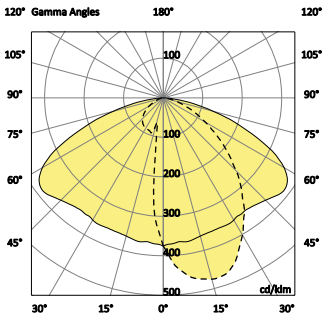
Lens: Transparent

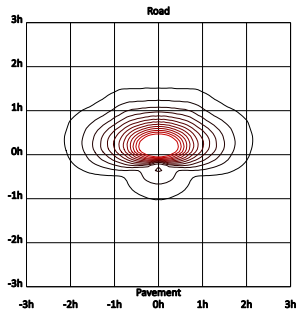




Optic: T2

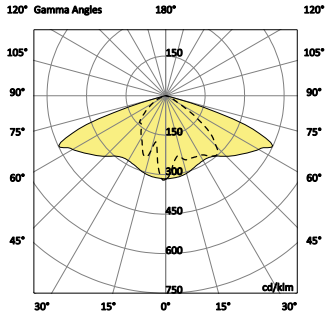
Lens: Prismatic

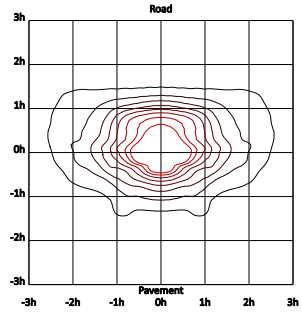




Optic: T2 + T3

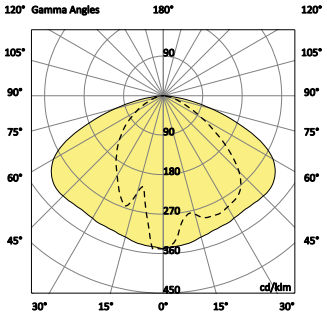
Lens: Transparent

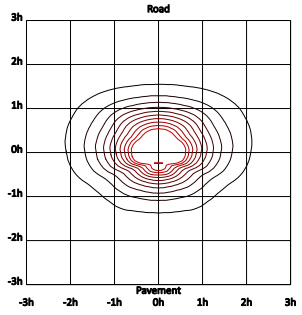




Optic: T2 + T3

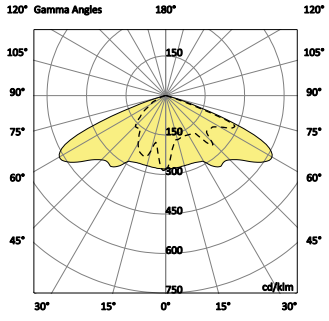
Lens: Prismatic

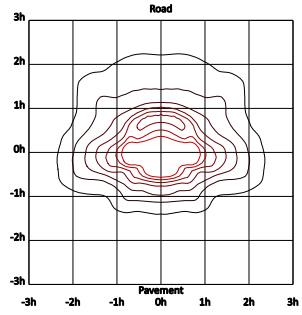




Optic: T2 + T4

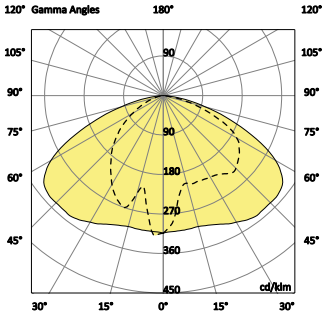
Lens: Transparent

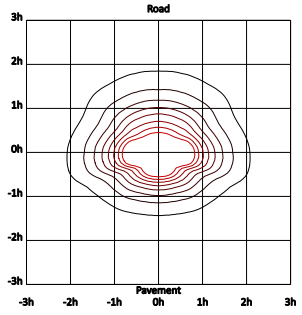




Optic: T2 + T4

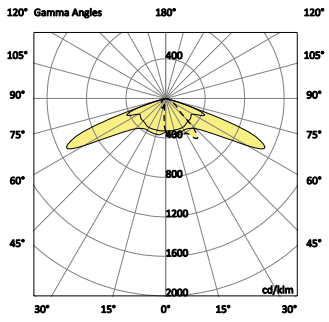
Lens: Prismatic

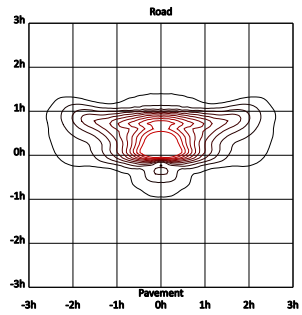




Optic: T3

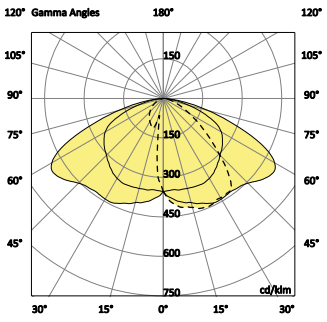
Lens: Transparent

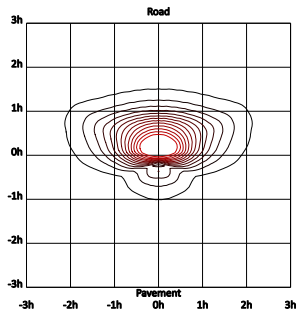




Optic: T3

Lens: Prismatic



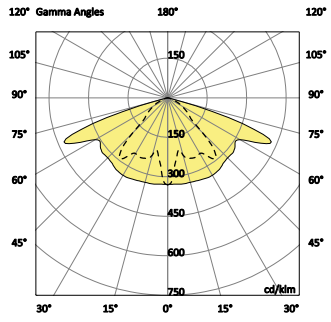


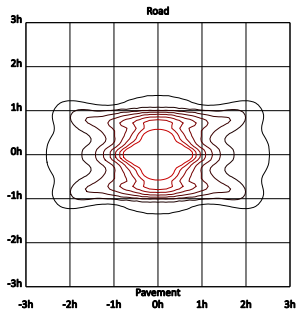
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Optic: T3 + T3

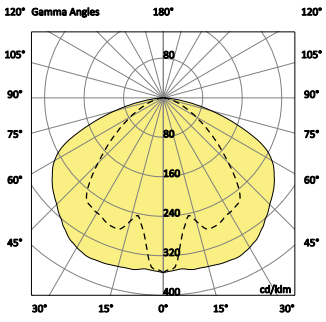
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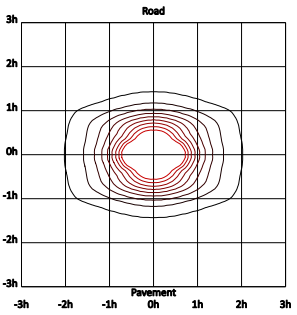




Optic: T3 + T3

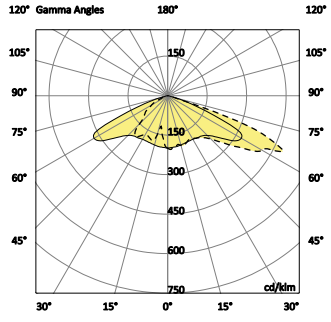
Lens: Prismatic

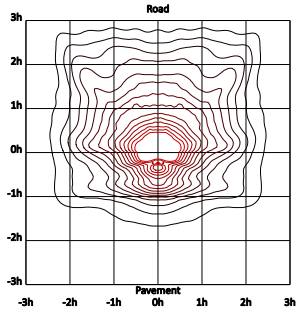




Optic: T3 + T4

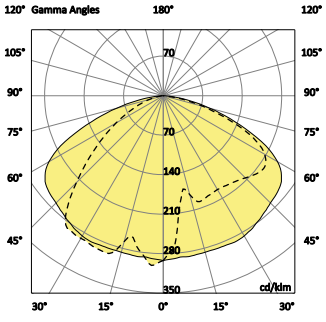
Lens: Transparent

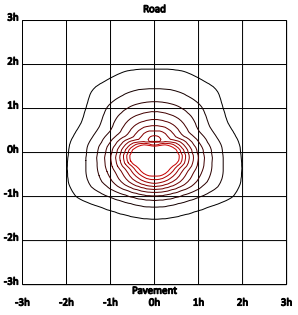




Optic: T3 + T4

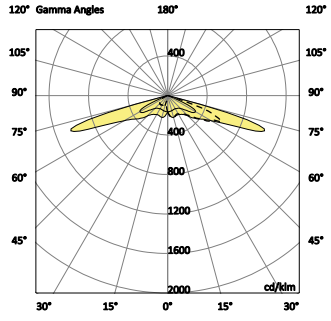
Lens: Prismatic

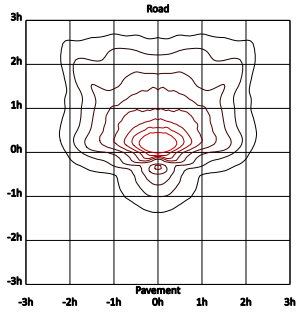




Optic: T4

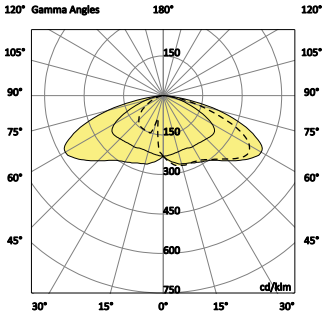
Lens: Transparent

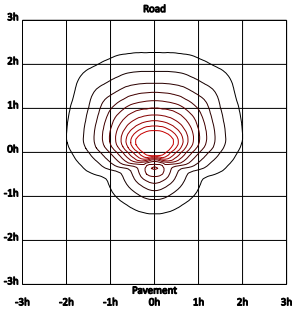




Optic: T4

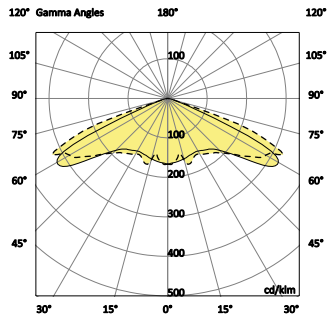
Lens: Prismatic

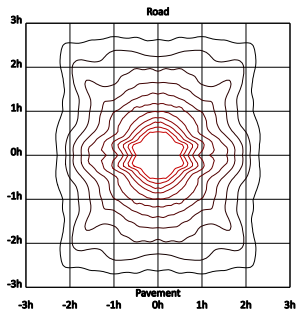




Optic: T4 + T4

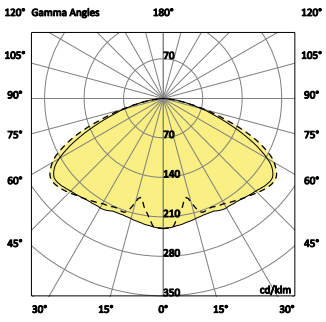
Lens: Transparent

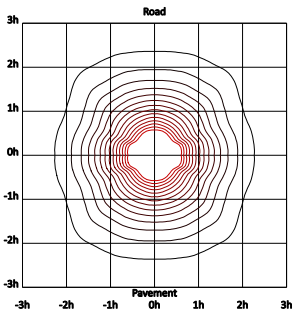




Optic: T4 + T4

Lens: Prismatic



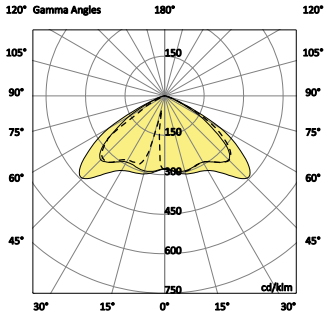


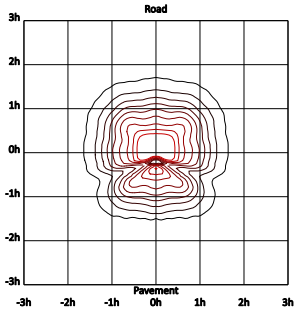
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Optic: T5

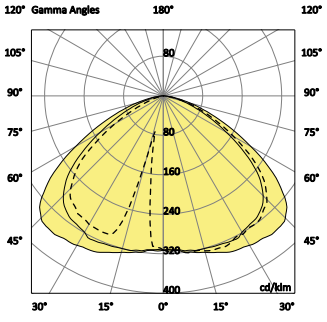
Lens: Transparent

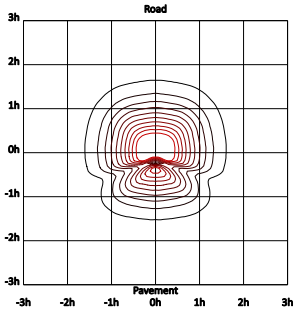




Optic: T5

Lens: Prismatic





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Optic: T2 **Lens:** Transparent

System					Source			BUG		
Luminous Flux	**Nominal CCT**	**W**	**lm/W**	**n° led**	**mA**	**W**	**lm/W**	**Backlight**	**Uplight**	**Glare**
3500 lm	2700 K	33.3	105	32	308	27.5	127	1	1	1
3500 lm	3000 K	31.8	110	32	294	26.2	134	1	1	1
3500 lm	4000 K	30.1	116	32	278	24.7	142	1	1	1
4500 lm	2700 K	44	102	32	411	37	122	1	1	1
4500 lm	3000 K	42	107	32	391	35.2	128	1	1	1
4500 lm	4000 K	39.8	113	32	369	33.2	136	1	1	1
6000 lm	2700 K	61.4	98	32	581	52.9	113	1	1	1
6000 lm	3000 K	58.4	103	32	551	50.1	120	1	1	1
6000 lm	4000 K	55.2	109	32	519	47.1	127	1	1	1
7500 lm	2700 K	80.2	94	32	769	70.5	106	1	1	1
7500 lm	3000 K	76.3	98	32	728	66.8	112	1	1	1
7500 lm	4000 K	71.7	105	32	684	62.5	120	1	1	1

Optic: T2 **Lens:** Prismatic

System					Source			BUG		
Luminous Flux	**Nominal CCT**	**W**	**lm/W**	**n° led**	**mA**	**W**	**lm/W**	**Backlight**	**Uplight**	**Glare**
3500 lm	2700 K	34.6	101	32	321	28.6	122	1	1	1
3500 lm	3000 K	33.1	106	32	306	27.3	128	1	1	1
3500 lm	4000 K	31.2	112	32	289	25.7	136	1	1	1
4500 lm	2700 K	45.8	98	32	428	38.6	117	1	1	1
4500 lm	3000 K	43.7	103	32	408	36.7	123	1	1	1
4500 lm	4000 K	41.3	109	32	385	34.6	130	1	1	1
6000 lm	2700 K	64	94	32	606	55.3	108	1	1	1
6000 lm	3000 K	60.9	99	32	575	52.4	115	1	1	1
6000 lm	4000 K	57.4	105	32	541	49.2	122	1	1	1
7500 lm	2700 K	83.7	90	32	804	73.8	102	2	1	1
7500 lm	3000 K	79.5	94	32	761	69.9	107	2	1	1
7500 lm	4000 K	74.7	100	32	714	65.4	115	2	1	1

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Optic: T2 + T3 **Lens:** Transparent

System					Source			BUG		
Luminous Flux	**Nominal CCT**	**W**	**lm/W**	**n° led**	**mA**	**W**	**lm/W**	**Backlight**	**Uplight**	**Glare**
5000 lm	2700 K	49.6	101	32	466	42.1	119	2	1	1
5000 lm	3000 K	47.3	106	32	443	40	125	2	1	1
5000 lm	4000 K	44.7	112	32	418	37.6	133	2	1	1
5250 lm	2700 K	48.7	108	48	308	41.2	127	2	1	1
5250 lm	3000 K	46.6	113	48	294	39.3	134	2	1	1
5250 lm	4000 K	44.1	119	48	278	37.1	142	2	1	1
6750 lm	2700 K	64.2	105	48	411	55.5	122	2	1	2
6750 lm	3000 K	61.3	110	48	391	52.8	128	2	1	2
6750 lm	4000 K	57.9	117	48	369	49.7	136	2	1	2
7000 lm	2700 K	73.7	95	32	704	64.4	109	2	1	2
7000 lm	3000 K	70.1	100	32	668	61	115	2	1	2
7000 lm	4000 K	66.1	106	32	627	57.2	122	2	1	2
9000 lm	2700 K	84	107	64	411	74.1	121	2	1	2
9000 lm	2700 K	89.5	101	48	581	79.3	113	2	1	2
9000 lm	3000 K	80.1	112	64	391	70.4	128	2	1	2
9000 lm	3000 K	85.2	106	48	551	75.2	120	2	1	2
9000 lm	4000 K	75.8	119	64	369	66.3	136	2	1	2
9000 lm	4000 K	80.3	112	48	519	70.6	127	2	1	2
11250 lm	2700 K	119.7	94	48	769	105.8	106	3	1	2
11250 lm	3000 K	113.4	99	48	728	100.1	112	3	1	2
11250 lm	4000 K	106.3	106	48	684	93.8	120	3	1	2
12000 lm	2700 K	119.6	100	64	581	105.7	114	3	1	3
12000 lm	3000 K	113.6	106	64	551	100.3	120	3	1	3
12000 lm	4000 K	106.8	112	64	519	94.2	127	3	1	3

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LANG | LUMINAIRE | 2 LIGHT SOURCES

Optic: T2 + T3 **Lens:** Prismatic

System					Source			BUG		
Luminous Flux	**Nominal CCT**	**W**	**lm/W**	**n° led**	**mA**	**W**	**lm/W**	**Backlight**	**Uplight**	**Glare**
5000 lm	2700 K	51.6	97	32	485	43.9	114	2	1	1
5000 lm	3000 K	49.2	102	32	462	41.7	120	2	1	1
5000 lm	4000 K	46.4	108	32	435	39.2	128	2	1	1
5250 lm	2700 K	50.5	104	48	321	42.9	122	2	1	1
5250 lm	3000 K	48.3	109	48	306	40.9	128	2	1	1
5250 lm	4000 K	45.8	115	48	289	38.6	136	2	1	1
6750 lm	2700 K	66.8	101	48	428	57.9	117	2	1	2
6750 lm	3000 K	63.8	106	48	408	55.1	123	2	1	2
6750 lm	4000 K	60.2	112	48	385	51.8	130	2	1	2
7000 lm	2700 K	76.9	91	32	736	67.4	104	2	1	2
7000 lm	3000 K	73.1	96	32	697	63.8	110	2	1	2
7000 lm	4000 K	68.8	102	32	655	59.8	117	2	1	2
9000 lm	2700 K	87.3	103	64	428	77.2	117	3	1	2
9000 lm	2700 K	93.4	96	48	606	82.9	109	3	1	2
9000 lm	3000 K	83.2	108	64	408	73.4	123	3	1	2
9000 lm	3000 K	88.8	101	48	575	78.6	115	3	1	2
9000 lm	4000 K	78.7	114	64	385	69.1	130	3	1	2
9000 lm	4000 K	83.7	108	48	541	73.8	122	3	1	2
11250 lm	2700 K	125.2	90	48	804	110.8	102	3	1	2
11250 lm	3000 K	118.6	95	48	761	104.8	107	3	1	2
11250 lm	4000 K	111.1	101	48	714	98.1	115	3	1	2
12000 lm	2700 K	124.9	96	64	606	110.5	109	3	1	2
12000 lm	3000 K	118.6	101	64	575	104.8	115	3	1	2
12000 lm	4000 K	111.4	108	64	541	98.4	122	3	1	2

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LANG | LUMINAIRE | 2 LIGHT SOURCES

Optic: T2 + T4 **Lens:** Transparent

System					Source			BUG		
Luminous Flux	**Nominal CCT**	**W**	**lm/W**	**n° led**	**mA**	**W**	**lm/W**	**Backlight**	**Uplight**	**Glare**
5000 lm	2700 K	49.6	101	32	466	42.1	119	2	1	1
5000 lm	3000 K	47.3	106	32	443	40	125	2	1	1
5000 lm	4000 K	44.7	112	32	418	37.6	133	2	1	1
5250 lm	2700 K	48.7	108	48	308	41.2	127	2	1	2
5250 lm	3000 K	46.6	113	48	294	39.3	134	2	1	2
5250 lm	4000 K	44.1	119	48	278	37.1	142	2	1	2
6750 lm	2700 K	64.2	105	48	411	55.5	122	2	1	2
6750 lm	3000 K	61.3	110	48	391	52.8	128	2	1	2
6750 lm	4000 K	57.9	117	48	369	49.7	136	2	1	2
7000 lm	2700 K	73.7	95	32	704	64.4	109	2	1	2
7000 lm	3000 K	70.1	100	32	668	61	115	2	1	2
7000 lm	4000 K	66.1	106	32	627	57.2	122	2	1	2
9000 lm	2700 K	84	107	64	411	74.1	121	2	1	2
9000 lm	2700 K	89.5	101	48	581	79.3	113	2	1	2
9000 lm	3000 K	80.1	112	64	391	70.4	128	2	1	2
9000 lm	3000 K	85.2	106	48	551	75.2	120	2	1	2
9000 lm	4000 K	75.8	119	64	369	66.3	136	2	1	2
9000 lm	4000 K	80.3	112	48	519	70.6	127	2	1	2
11250 lm	2700 K	119.7	94	48	769	105.8	106	3	1	3
11250 lm	3000 K	113.4	99	48	728	100.1	112	3	1	3
11250 lm	4000 K	106.3	106	48	684	93.8	120	3	1	3
12000 lm	2700 K	119.6	100	64	581	105.7	114	3	1	3
12000 lm	3000 K	113.6	106	64	551	100.3	120	3	1	3
12000 lm	4000 K	106.8	112	64	519	94.2	127	3	1	3

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LANG | LUMINAIRE | 2 LIGHT SOURCES

Optic: T2 + T4

Lens: Prismatic

System					Source			BUG		
Luminous Flux	**Nominal CCT**	**W**	**lm/W**	**n° led**	**mA**	**W**	**lm/W**	**Backlight**	**Uplight**	**Glare**
5000 lm	2700 K	51.6	97	32	485	43.9	114	2	1	1
5000 lm	3000 K	49.2	102	32	462	41.7	120	2	1	1
5000 lm	4000 K	46.4	108	32	435	39.2	128	2	1	1
5250 lm	2700 K	50.5	104	48	321	42.9	122	2	1	1
5250 lm	3000 K	48.3	109	48	306	40.9	128	2	1	1
5250 lm	4000 K	45.8	115	48	289	38.6	136	2	1	1
6750 lm	2700 K	66.8	101	48	428	57.9	117	2	1	2
6750 lm	3000 K	63.8	106	48	408	55.1	123	2	1	2
6750 lm	4000 K	60.2	112	48	385	51.8	130	2	1	2
7000 lm	2700 K	76.9	91	32	736	67.4	104	2	1	2
7000 lm	3000 K	73.1	96	32	697	63.8	110	2	1	2
7000 lm	4000 K	68.8	102	32	655	59.8	117	2	1	2
9000 lm	2700 K	87.3	103	64	428	77.2	117	3	1	2
9000 lm	2700 K	93.4	96	48	606	82.9	109	3	1	2
9000 lm	3000 K	83.2	108	64	408	73.4	123	3	1	2
9000 lm	3000 K	88.8	101	48	575	78.6	115	3	1	2
9000 lm	4000 K	78.7	114	64	385	69.1	130	3	1	2
9000 lm	4000 K	83.7	108	48	541	73.8	122	3	1	2
11250 lm	2700 K	125.2	90	48	804	110.8	102	3	1	2
11250 lm	3000 K	118.6	95	48	761	104.8	107	3	1	2
11250 lm	4000 K	111.1	101	48	714	98.1	115	3	1	2
12000 lm	2700 K	124.9	96	64	606	110.5	109	3	1	3
12000 lm	3000 K	118.6	101	64	575	104.8	115	3	1	3
12000 lm	4000 K	111.4	108	64	541	98.4	122	3	1	3

Optic: T3

Lens: Transparent

System					Source			BUG		
Luminous Flux	**Nominal CCT**	**W**	**lm/W**	**n° led**	**mA**	**W**	**lm/W**	**Backlight**	**Uplight**	**Glare**
3500 lm	2700 K	33.3	105	32	308	27.5	127	1	1	1
3500 lm	3000 K	31.8	110	32	294	26.2	134	1	1	1
3500 lm	4000 K	30.1	116	32	278	24.7	142	1	1	1
4500 lm	2700 K	44	102	32	411	37	122	1	1	1
4500 lm	3000 K	42	107	32	391	35.2	128	1	1	1
4500 lm	4000 K	39.8	113	32	369	33.2	136	1	1	1
6000 lm	2700 K	61.4	98	32	581	52.9	113	1	1	1
6000 lm	3000 K	58.4	103	32	551	50.1	120	1	1	1
6000 lm	4000 K	55.2	109	32	519	47.1	127	1	1	1
7500 lm	2700 K	80.2	94	32	769	70.5	106	1	1	1
7500 lm	3000 K	76.3	98	32	728	66.8	112	1	1	1
7500 lm	4000 K	71.7	105	32	684	62.5	120	1	1	1

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LANG | LUMINAIRE | 2 LIGHT SOURCES

Optic: T3 — **Lens:** Prismatic

System					Source			BUG		
Luminous Flux	**Nominal CCT**	**W**	**lm/W**	**n° led**	**mA**	**W**	**lm/W**	**Backlight**	**Uplight**	**Glare**
3500 lm	2700 K	34.6	101	32	321	28.6	122	1	1	1
3500 lm	3000 K	33.1	106	32	306	27.3	128	1	1	1
3500 lm	4000 K	31.2	112	32	289	25.7	136	1	1	1
4500 lm	2700 K	45.8	98	32	428	38.6	117	1	1	1
4500 lm	3000 K	43.7	103	32	408	36.7	123	1	1	1
4500 lm	4000 K	41.3	109	32	385	34.6	130	1	1	1
6000 lm	2700 K	64	94	32	606	55.3	108	1	1	1
6000 lm	3000 K	60.9	99	32	575	52.4	115	1	1	1
6000 lm	4000 K	57.4	105	32	541	49.2	122	1	1	1
7500 lm	2700 K	83.7	90	32	804	73.8	102	2	1	1
7500 lm	3000 K	79.5	94	32	761	69.9	107	2	1	1
7500 lm	4000 K	74.7	100	32	714	65.4	115	2	1	1

Optic: T3 + T3 — **Lens:** Transparent

System					Source			BUG		
Luminous Flux	**Nominal CCT**	**W**	**lm/W**	**n° led**	**mA**	**W**	**lm/W**	**Backlight**	**Uplight**	**Glare**
5000 lm	2700 K	49.6	101	32	466	42.1	119	2	1	2
5000 lm	3000 K	47.3	106	32	443	40	125	2	1	2
5000 lm	4000 K	44.7	112	32	418	37.6	133	2	1	2
5250 lm	2700 K	48.7	108	48	308	41.2	127	2	1	2
5250 lm	3000 K	46.6	113	48	294	39.3	134	2	1	2
5250 lm	4000 K	44.1	119	48	278	37.1	142	2	1	2
6750 lm	2700 K	64.2	105	48	411	55.5	122	2	1	2
6750 lm	3000 K	61.3	110	48	391	52.8	128	2	1	2
6750 lm	4000 K	57.9	117	48	369	49.7	136	2	1	2
7000 lm	2700 K	73.7	95	32	704	64.4	109	2	1	2
7000 lm	3000 K	70.1	100	32	668	61	115	2	1	2
7000 lm	4000 K	66.1	106	32	627	57.2	122	2	1	2
9000 lm	2700 K	84	107	64	411	74.1	121	3	1	3
9000 lm	2700 K	89.5	101	48	581	79.3	113	3	1	3
9000 lm	3000 K	80.1	112	64	391	70.4	128	3	1	3
9000 lm	3000 K	85.2	106	48	551	75.2	120	3	1	3
9000 lm	4000 K	75.8	119	64	369	66.3	136	3	1	3
9000 lm	4000 K	80.3	112	48	519	70.6	127	3	1	3
11250 lm	2700 K	119.7	94	48	769	105.8	106	3	1	3
11250 lm	3000 K	113.4	99	48	728	100.1	112	3	1	3
11250 lm	4000 K	106.3	106	48	684	93.8	120	3	1	3
12000 lm	2700 K	119.6	100	64	581	105.7	114	3	1	3
12000 lm	3000 K	113.6	106	64	551	100.3	120	3	1	3
12000 lm	4000 K	106.8	112	64	519	94.2	127	3	1	3

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LANG | LUMINAIRE | 2 LIGHT SOURCES

Optic: T3 + T3 **Lens:** Prismatic

System					Source			BUG		
Luminous Flux	**Nominal CCT**	**W**	**lm/W**	**n° led**	**mA**	**W**	**lm/W**	**Backlight**	**Uplight**	**Glare**
5000 lm	2700 K	51.6	97	32	485	43.9	114	2	1	1
5000 lm	3000 K	49.2	102	32	462	41.7	120	2	1	1
5000 lm	4000 K	46.4	108	32	435	39.2	128	2	1	1
5250 lm	2700 K	50.5	104	48	321	42.9	122	2	1	2
5250 lm	3000 K	48.3	109	48	306	40.9	128	2	1	2
5250 lm	4000 K	45.8	115	48	289	38.6	136	2	1	2
6750 lm	2700 K	66.8	101	48	428	57.9	117	2	1	2
6750 lm	3000 K	63.8	106	48	408	55.1	123	2	1	2
6750 lm	4000 K	60.2	112	48	385	51.8	130	2	1	2
7000 lm	2700 K	76.9	91	32	736	67.4	104	2	1	2
7000 lm	3000 K	73.1	96	32	697	63.8	110	2	1	2
7000 lm	4000 K	68.8	102	32	655	59.8	117	2	1	2
9000 lm	2700 K	87.3	103	64	428	77.2	117	3	1	2
9000 lm	2700 K	93.4	96	48	606	82.9	109	3	1	2
9000 lm	3000 K	83.2	108	64	408	73.4	123	3	1	2
9000 lm	3000 K	88.8	101	48	575	78.6	115	3	1	2
9000 lm	4000 K	78.7	114	64	385	69.1	130	3	1	2
9000 lm	4000 K	83.7	108	48	541	73.8	122	3	1	2
11250 lm	2700 K	125.2	90	48	804	110.8	102	3	1	3
11250 lm	3000 K	118.6	95	48	761	104.8	107	3	1	3
11250 lm	4000 K	111.1	101	48	714	98.1	115	3	1	3
12000 lm	2700 K	124.9	96	64	606	110.5	109	3	1	3
12000 lm	3000 K	118.6	101	64	575	104.8	115	3	1	3
12000 lm	4000 K	111.4	108	64	541	98.4	122	3	1	3

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LANG | LUMINAIRE | 2 LIGHT SOURCES

Optic: T3 + T4 **Lens:** Transparent

System					Source			BUG		
Luminous Flux	**Nominal CCT**	**W**	**lm/W**	**n° led**	**mA**	**W**	**lm/W**	**Backlight**	**Uplight**	**Glare**
5000 lm	2700 K	49.6	101	32	466	42.1	119	1	1	1
5000 lm	3000 K	47.3	106	32	443	40	125	1	1	1
5000 lm	4000 K	44.7	112	32	418	37.6	133	1	1	1
5250 lm	2700 K	48.7	108	48	308	41.2	127	1	1	1
5250 lm	3000 K	46.6	113	48	294	39.3	134	1	1	1
5250 lm	4000 K	44.1	119	48	278	37.1	142	1	1	1
6750 lm	2700 K	64.2	105	48	411	55.5	122	2	1	2
6750 lm	3000 K	61.3	110	48	391	52.8	128	2	1	2
6750 lm	4000 K	57.9	117	48	369	49.7	136	2	1	2
7000 lm	2700 K	73.7	95	32	704	64.4	109	2	1	2
7000 lm	3000 K	70.1	100	32	668	61	115	2	1	2
7000 lm	4000 K	66.1	106	32	627	57.2	122	2	1	2
9000 lm	2700 K	84	107	64	411	74.1	121	2	1	2
9000 lm	2700 K	89.5	101	48	581	79.3	113	2	1	2
9000 lm	3000 K	80.1	112	64	391	70.4	128	2	1	2
9000 lm	3000 K	85.2	106	48	551	75.2	120	2	1	2
9000 lm	4000 K	75.8	119	64	369	66.3	136	2	1	2
9000 lm	4000 K	80.3	112	48	519	70.6	127	2	1	2
11250 lm	2700 K	119.7	94	48	769	105.8	106	2	1	2
11250 lm	3000 K	113.4	99	48	728	100.1	112	2	1	2
11250 lm	4000 K	106.3	106	48	684	93.8	120	2	1	2
12000 lm	2700 K	119.6	100	64	581	105.7	114	2	1	2
12000 lm	3000 K	113.6	106	64	551	100.3	120	2	1	2
12000 lm	4000 K	106.8	112	64	519	94.2	127	2	1	2

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LANG | LUMINAIRE | 2 LIGHT SOURCES

Optic: T3 + T4 — **Lens:** Prismatic

System					Source			BUG		
Luminous Flux	**Nominal CCT**	**W**	**lm/W**	**n° led**	**mA**	**W**	**lm/W**	**Backlight**	**Uplight**	**Glare**
5000 lm	2700 K	51.6	97	32	485	43.9	114	2	1	2
5000 lm	3000 K	49.2	102	32	462	41.7	120	2	1	2
5000 lm	4000 K	46.4	108	32	435	39.2	128	2	1	2
5250 lm	2700 K	50.5	104	48	321	42.9	122	2	1	2
5250 lm	3000 K	48.3	109	48	306	40.9	128	2	1	2
5250 lm	4000 K	45.8	115	48	289	38.6	136	2	1	2
6750 lm	2700 K	66.8	101	48	428	57.9	117	2	1	2
6750 lm	3000 K	63.8	106	48	408	55.1	123	2	1	2
6750 lm	4000 K	60.2	112	48	385	51.8	130	2	1	2
7000 lm	2700 K	76.9	91	32	736	67.4	104	2	1	2
7000 lm	3000 K	73.1	96	32	697	63.8	110	2	1	2
7000 lm	4000 K	68.8	102	32	655	59.8	117	2	1	2
9000 lm	2700 K	87.3	103	64	428	77.2	117	3	1	2
9000 lm	2700 K	93.4	96	48	606	82.9	109	3	1	2
9000 lm	3000 K	83.2	108	64	408	73.4	123	3	1	2
9000 lm	3000 K	88.8	101	48	575	78.6	115	3	1	2
9000 lm	4000 K	78.7	114	64	385	69.1	130	3	1	2
9000 lm	4000 K	83.7	108	48	541	73.8	122	3	1	2
11250 lm	2700 K	125.2	90	48	804	110.8	102	3	1	3
11250 lm	3000 K	118.6	95	48	761	104.8	107	3	1	3
11250 lm	4000 K	111.1	101	48	714	98.1	115	3	1	3
12000 lm	2700 K	124.9	96	64	606	110.5	109	3	1	3
12000 lm	3000 K	118.6	101	64	575	104.8	115	3	1	3
12000 lm	4000 K	111.4	108	64	541	98.4	122	3	1	3

Optic: T4 — **Lens:** Transparent

System					Source			BUG		
Luminous Flux	**Nominal CCT**	**W**	**lm/W**	**n° led**	**mA**	**W**	**lm/W**	**Backlight**	**Uplight**	**Glare**
3500 lm	2700 K	33.3	105	32	308	27.5	127	1	1	1
3500 lm	3000 K	31.8	110	32	294	26.2	134	1	1	1
3500 lm	4000 K	30.1	116	32	278	24.7	142	1	1	1
4500 lm	2700 K	44	102	32	411	37	122	1	1	1
4500 lm	3000 K	42	107	32	391	35.2	128	1	1	1
4500 lm	4000 K	39.8	113	32	369	33.2	136	1	1	1
6000 lm	2700 K	61.4	98	32	581	52.9	113	1	1	2
6000 lm	3000 K	58.4	103	32	551	50.1	120	1	1	2
6000 lm	4000 K	55.2	109	32	519	47.1	127	1	1	2
7500 lm	2700 K	80.2	94	32	769	70.5	106	1	1	2
7500 lm	3000 K	76.3	98	32	728	66.8	112	1	1	2
7500 lm	4000 K	71.7	105	32	684	62.5	120	1	1	2

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LANG | LUMINAIRE | 2 LIGHT SOURCES

Optic: T4 — **Lens:** Prismatic

System					Source			BUG		
Luminous Flux	**Nominal CCT**	**W**	**lm/W**	**n° led**	**mA**	**W**	**lm/W**	**Backlight**	**Uplight**	**Glare**
3500 lm	2700 K	34.6	101	32	321	28.6	122	1	1	1
3500 lm	3000 K	33.1	106	32	306	27.3	128	1	1	1
3500 lm	4000 K	31.2	112	32	289	25.7	136	1	1	1
4500 lm	2700 K	45.8	98	32	428	38.6	117	1	1	1
4500 lm	3000 K	43.7	103	32	408	36.7	123	1	1	1
4500 lm	4000 K	41.3	109	32	385	34.6	130	1	1	1
6000 lm	2700 K	64	94	32	606	55.3	108	1	1	1
6000 lm	3000 K	60.9	99	32	575	52.4	115	1	1	1
6000 lm	4000 K	57.4	105	32	541	49.2	122	1	1	1
7500 lm	2700 K	83.7	90	32	804	73.8	102	2	1	1
7500 lm	3000 K	79.5	94	32	761	69.9	107	2	1	1
7500 lm	4000 K	74.7	100	32	714	65.4	115	2	1	1

Optic: T4 + T4 — **Lens:** Transparent

System					Source			BUG		
Luminous Flux	**Nominal CCT**	**W**	**lm/W**	**n° led**	**mA**	**W**	**lm/W**	**Backlight**	**Uplight**	**Glare**
5000 lm	2700 K	49.6	101	32	466	42.1	119	2	1	1
5000 lm	3000 K	47.3	106	32	443	40	125	2	1	1
5000 lm	4000 K	44.7	112	32	418	37.6	133	2	1	1
5250 lm	2700 K	48.7	108	48	308	41.2	127	2	1	1
5250 lm	3000 K	46.6	113	48	294	39.3	134	2	1	1
5250 lm	4000 K	44.1	119	48	278	37.1	142	2	1	1
6750 lm	2700 K	64.2	105	48	411	55.5	122	3	1	1
6750 lm	3000 K	61.3	110	48	391	52.8	128	3	1	1
6750 lm	4000 K	57.9	117	48	369	49.7	136	3	1	1
7000 lm	2700 K	73.7	95	32	704	64.4	109	3	1	1
7000 lm	3000 K	70.1	100	32	668	61	115	3	1	1
7000 lm	4000 K	66.1	106	32	627	57.2	122	3	1	1
9000 lm	2700 K	84	107	64	411	74.1	121	3	1	1
9000 lm	2700 K	89.5	101	48	581	79.3	113	3	1	1
9000 lm	3000 K	80.1	112	64	391	70.4	128	3	1	1
9000 lm	3000 K	85.2	106	48	551	75.2	120	3	1	1
9000 lm	4000 K	75.8	119	64	369	66.3	136	3	1	1
9000 lm	4000 K	80.3	112	48	519	70.6	127	3	1	1
11250 lm	2700 K	119.7	94	48	769	105.8	106	3	1	2
11250 lm	3000 K	113.4	99	48	728	100.1	112	3	1	2
11250 lm	4000 K	106.3	106	48	684	93.8	120	3	1	2
12000 lm	2700 K	119.6	100	64	581	105.7	114	3	1	2
12000 lm	3000 K	113.6	106	64	551	100.3	120	3	1	2
12000 lm	4000 K	106.8	112	64	519	94.2	127	3	1	2

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LANG | LUMINAIRE | 2 LIGHT SOURCES

Optic: T4 + T4 — **Lens:** Prismatic

System					Source			BUG		
Luminous Flux	**Nominal CCT**	**W**	**lm/W**	**n° led**	**mA**	**W**	**lm/W**	**Backlight**	**Uplight**	**Glare**
5000 lm	2700 K	51.6	97	32	485	43.9	114	2	1	1
5000 lm	3000 K	49.2	102	32	462	41.7	120	2	1	1
5000 lm	4000 K	46.4	108	32	435	39.2	128	2	1	1
5250 lm	2700 K	50.5	104	48	321	42.9	122	2	1	1
5250 lm	3000 K	48.3	109	48	306	40.9	128	2	1	1
5250 lm	4000 K	45.8	115	48	289	38.6	136	2	1	1
6750 lm	2700 K	66.8	101	48	428	57.9	117	2	1	1
6750 lm	3000 K	63.8	106	48	408	55.1	123	2	1	1
6750 lm	4000 K	60.2	112	48	385	51.8	130	2	1	1
7000 lm	2700 K	76.9	91	32	736	67.4	104	2	1	1
7000 lm	3000 K	73.1	96	32	697	63.8	110	2	1	1
7000 lm	4000 K	68.8	102	32	655	59.8	117	2	1	1
9000 lm	2700 K	87.3	103	64	428	77.2	117	3	1	1
9000 lm	2700 K	93.4	96	48	606	82.9	109	3	1	1
9000 lm	3000 K	83.2	108	64	408	73.4	123	3	1	1
9000 lm	3000 K	88.8	101	48	575	78.6	115	3	1	1
9000 lm	4000 K	78.7	114	64	385	69.1	130	3	1	1
9000 lm	4000 K	83.7	108	48	541	73.8	122	3	1	1
11250 lm	2700 K	125.2	90	48	804	110.8	102	3	1	1
11250 lm	3000 K	118.6	95	48	761	104.8	107	3	1	1
11250 lm	4000 K	111.1	101	48	714	98.1	115	3	1	1
12000 lm	2700 K	124.9	96	64	606	110.5	109	3	1	1
12000 lm	3000 K	118.6	101	64	575	104.8	115	3	1	1
12000 lm	4000 K	111.4	108	64	541	98.4	122	3	1	1

Optic: T5 — **Lens:** Transparent

System					Source			BUG		
Luminous Flux	**Nominal CCT**	**W**	**lm/W**	**n° led**	**mA**	**W**	**lm/W**	**Backlight**	**Uplight**	**Glare**
3500 lm	2700 K	33.3	105	32	308	27.5	127	2	1	1
3500 lm	3000 K	31.8	110	32	294	26.2	134	2	1	1
3500 lm	4000 K	30.1	116	32	278	24.7	142	2	1	1
4500 lm	2700 K	44	102	32	411	37	122	2	1	1
4500 lm	3000 K	42	107	32	391	35.2	128	2	1	1
4500 lm	4000 K	39.8	113	32	369	33.2	136	2	1	1
6000 lm	2700 K	61.4	98	32	581	52.9	113	2	1	1
6000 lm	3000 K	58.4	103	32	551	50.1	120	2	1	1
6000 lm	4000 K	55.2	109	32	519	47.1	127	2	1	1
7500 lm	2700 K	80.2	94	32	769	70.5	106	2	1	1
7500 lm	3000 K	76.3	98	32	728	66.8	112	2	1	1
7500 lm	4000 K	71.7	105	32	684	62.5	120	2	1	1

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Optic: T5

Lens: Prismatic

System					Source			BUG		
Luminous Flux	**Nominal CCT**	**W**	**lm/W**	**n° led**	**mA**	**W**	**lm/W**	**Backlight**	**Uplight**	**Glare**
3500 lm	2700 K	34.6	101	32	321	28.6	122	1	1	1
3500 lm	3000 K	33.1	106	32	306	27.3	128	1	1	1
3500 lm	4000 K	31.2	112	32	289	25.7	136	1	1	1
4500 lm	2700 K	45.8	98	32	428	38.6	117	2	1	1
4500 lm	3000 K	43.7	103	32	408	36.7	123	2	1	1
4500 lm	4000 K	41.3	109	32	385	34.6	130	2	1	1
6000 lm	2700 K	64	94	32	606	55.3	108	2	1	1
6000 lm	3000 K	60.9	99	32	575	52.4	115	2	1	1
6000 lm	4000 K	57.4	105	32	541	49.2	122	2	1	1
7500 lm	2700 K	83.7	90	32	804	73.8	102	2	1	1
7500 lm	3000 K	79.5	94	32	761	69.9	107	2	1	1
7500 lm	4000 K	74.7	100	32	714	65.4	115	2	1	1

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