NERI

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

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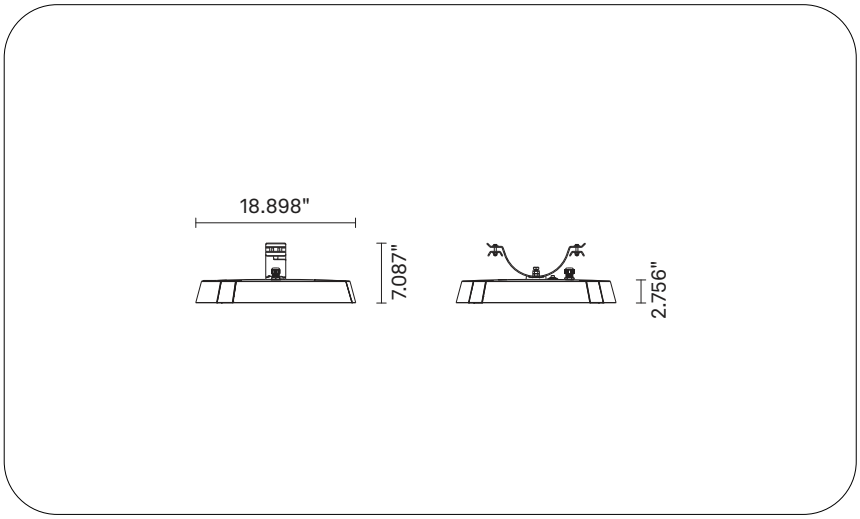

IP66 IK09 cULus

ORDERING INFORMATION / GUIDE

Example: **LUPOL03-U-D30-730-L035-ST-V0-F35-MU-CN0**

OPTICS	RA+K	LUMINOUS FLUX	LENS	VOLTAGE	DRIVER FUNCTION	ISO CLASS	FINISH
D28 T1 short	**722** Ra70 2200 K	**L015** 1500 lm	**ST** Transparent	**V0** 120V-277V	**F35** 0-10V+CLO	**MU** UL	**CN0** Grey [Neri] Textured
D36 T2 medium	**727** Ra70 2700 K	**L025** 2500 lm			**F11** NEMA-3		
D22 T3 narrow	**730** Ra70 3000 K	**L032** 3200 lm			**F12** NEMA-7		
D25 T2 narrow	**740** Ra70 4000 K	**L035** 3500 lm					
D37 T3 medium	**XAM** Amber	**L045** 4500 lm					
D24 T4 wide		**L060** 6000 lm					
D38 T4 medium		**L075** 7500 lm					
D30 T5 square medium		**L090** 9000 lm					
		L105 10500 lm					
		L120 12000 lm					

Generated code: **LUPOL03 - 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: C, D, E
LED forward current: 182-852 mA
Power rating: 7.7-83 W
Nominal Flux: 1500-12000 lm
Nominal CCT (Color temperature): 2200 K, 2700 K, 3000 K, 4000 K, Amber
Color Rendering Index (Ra): 70
Standard Deviation Colour Matching: ≤5
Rated lifetime: L90 = 100000 h (Ts = 85 °C, 700 mA)

LIGHTING CHARACTERISTICS

Modular 2x2 refractive lenses in PMMA.

Optics: T1 short, T2 medium, T3 narrow, T2 narrow, T3 medium, T4 wide, T4 medium, T5 square medium
Optical efficiency: LOR = 100% ULOR = 0%
LED quantity: 16, 24, 32, 48
Cutoff Angle: Cutoff, Semi Cutoff C = 0, 55° γ = 56, 68°
Luminous flux: 1500-12000 lm
Luminous efficacy: 34-158 lm/W
BUG: B=0-3, U=0, G=0-3
Photobiological safety: RG1 - Low risk

ELECTRICAL CHARACTERISTICS

Luminaire power: 9.7-93.5 W
Voltage: 120V-277V~ 50/60Hz
Power factor: ≥0.99
Insulation class: UL
Control type - driver: 0-10V+CLO, NEMA-3, NEMA-7
Ambient temperature: -40 °F / +122 °F

Cable type: 5GAWG18 SJTW
Cable length: 3.281 ft
Surge protection: 20kV CM - 20kV DM

MECHANICAL CHARACTERISTICS

Structure made of die-cast aluminum (UNI EN 1706) with a main body in cast aluminum and an integrated heat sink.
Protective shield in extra-clear screen-printed tempered glass with IK09 impact resistance (EN 62262) and white internal reflector in polycarbonate.
EPDM seal between glass and upper cover, support with curved flat frame, and ±15° tilting system for vertical adjustment.
Stainless steel safety cable Ø 0.12 in, stainless steel fasteners, and top cable entry (max Ø 0.47 in).

Diameter: 18.898 in
Height: 7.087 in
Weight: 23.15 lb
EPA: 0.22 ft²
Protection degree: IP66
Mechanical resistance: IK09
Finish: Grey [Neri] Textured

INSTALLATION

Tensioned support for steel cables with maximum diameter Ø 1/2″.
Tilting attachment adjustable ±15°.

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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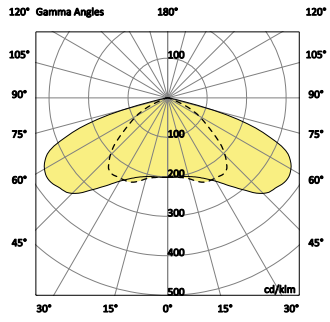
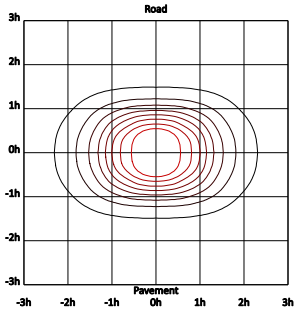
Optic: T1 short

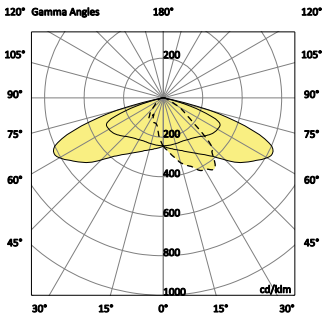
Lens: Transparent

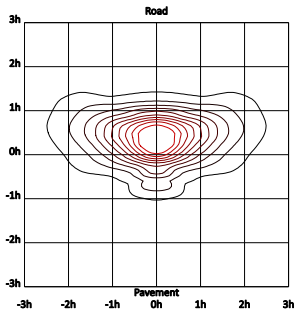




Optic: T2 medium

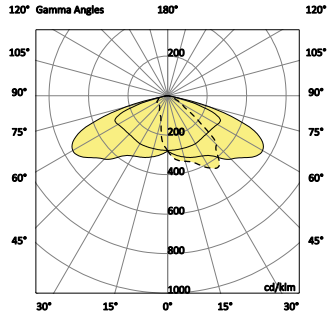
Lens: Transparent

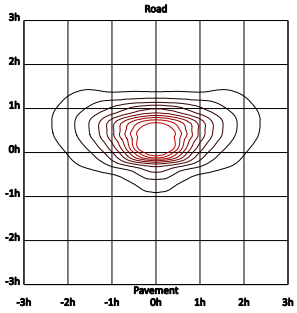




Optic: T3 narrow

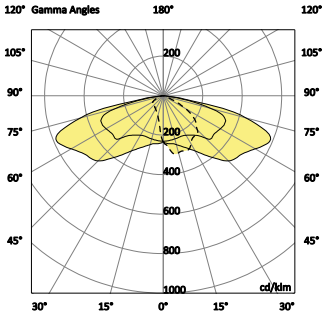
Lens: Transparent

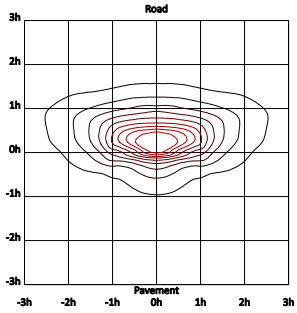




Optic: T2 narrow

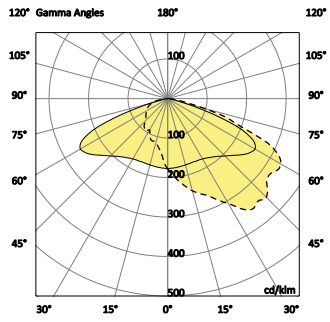
Lens: Transparent

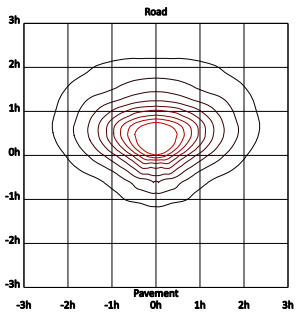




Optic: T3 medium

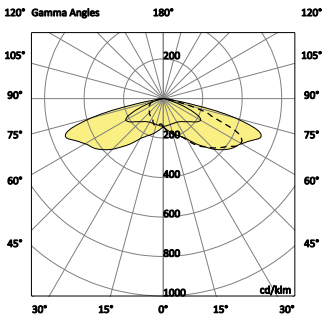
Lens: Transparent

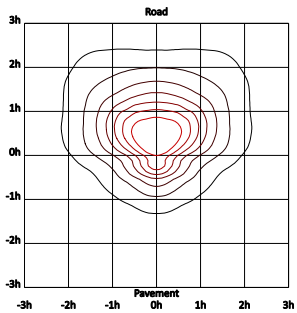




Optic: T4 wide

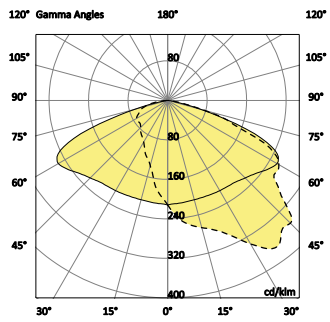
Lens: Transparent

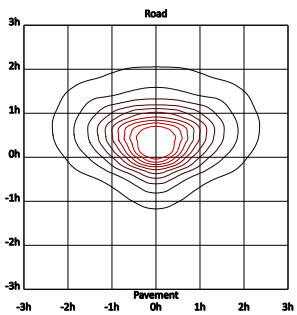




Optic: T4 medium

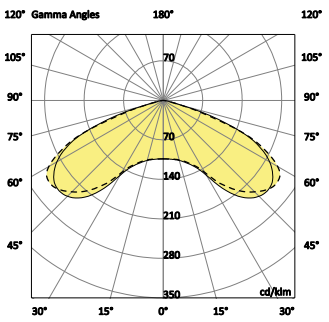
Lens: Transparent

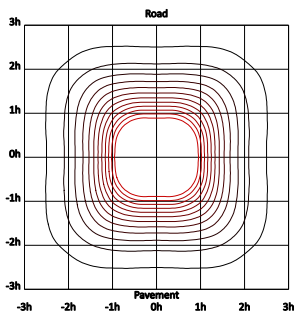




Optic: T5 square medium

Lens: Transparent





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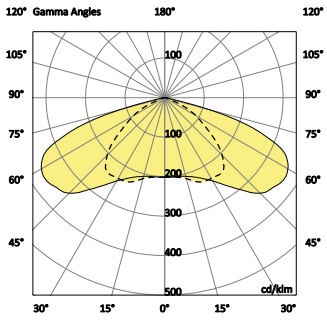
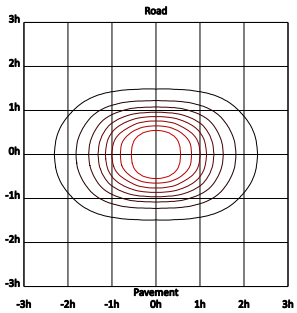
Amber

Optic: T1 short

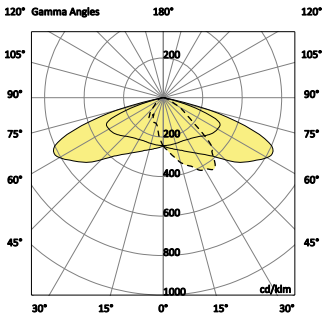
Lens: Transparent

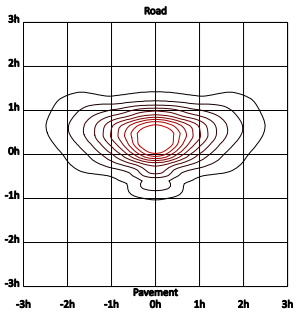




Optic: T2 medium

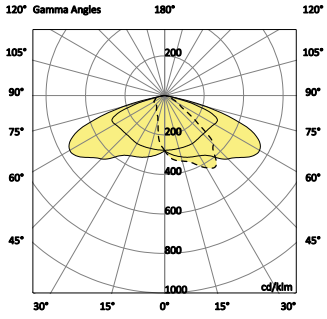
Lens: Transparent

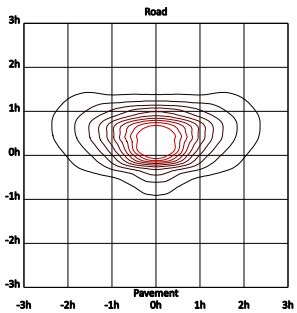




Optic: T3 narrow

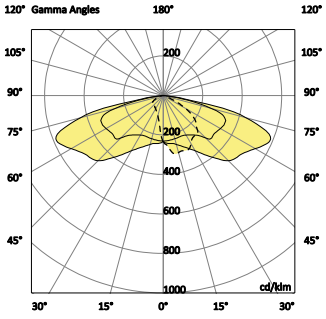
Lens: Transparent

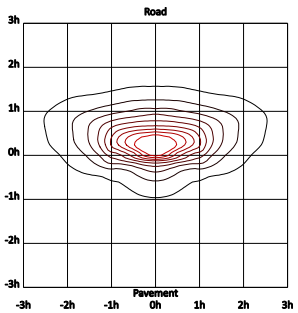




Optic: T2 narrow

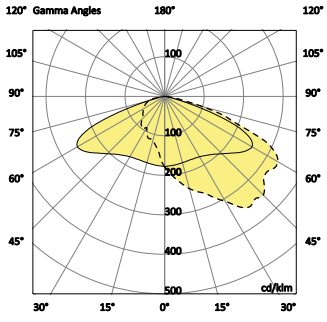
Lens: Transparent

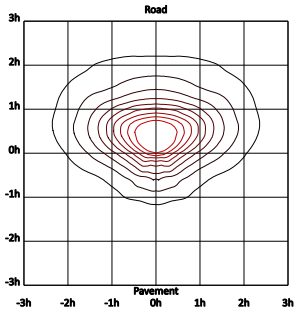




Optic: T3 medium

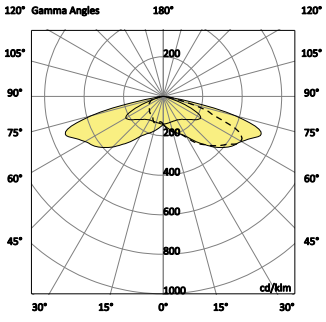
Lens: Transparent

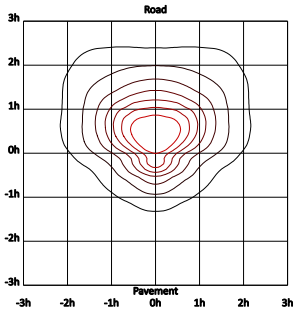




Optic: T4 wide

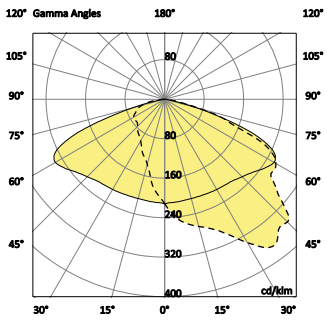
Lens: Transparent

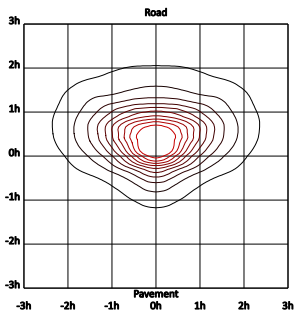




Optic: T4 medium

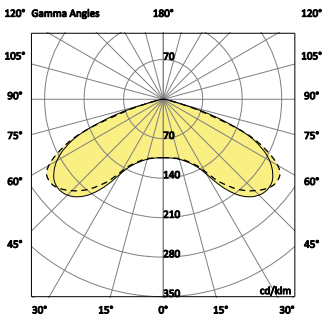
Lens: Transparent

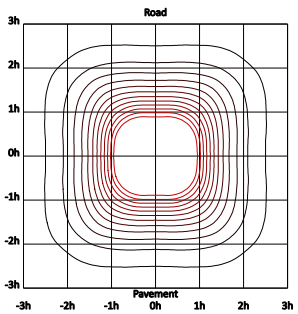




Optic: T5 square medium

Lens: Transparent





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Optic: T1 short

Lens: Transparent

System					Source			BUG		
Luminous Flux	**Nominal CCT**	**W**	**lm/W**	**n° led**	**mA**	**W**	**lm/W**	**Backlight**	**Uplight**	**Glare**
1500 lm	2200 K	11.4	132	16	216	9.2	163	1	0	1
1500 lm	2700 K	10.4	144	16	194	8.3	181	1	0	1
1500 lm	3000 K	10.2	147	16	190	8.1	185	1	0	1
1500 lm	4000 K	9.7	155	16	182	7.7	195	1	0	1
2500 lm	2200 K	18.8	133	16	366	15.9	157	1	0	1
2500 lm	2700 K	17	147	16	330	14.3	175	1	0	1
2500 lm	3000 K	16.6	151	16	322	13.9	180	1	0	1
2500 lm	4000 K	15.8	158	16	306	13.2	189	1	0	1
3500 lm	2200 K	27.5	127	16	524	23.1	152	2	0	1
3500 lm	2700 K	23.8	147	16	472	20.7	169	2	0	1
3500 lm	3000 K	23.2	151	16	458	20.1	174	2	0	1
3500 lm	4000 K	22.1	158	16	438	19.1	183	2	0	1
4500 lm	2200 K	36.3	124	16	690	30.9	146	2	0	1
4500 lm	2700 K	32.5	138	16	618	27.5	164	2	0	1
4500 lm	3000 K	31.6	142	16	602	26.7	169	2	0	1
4500 lm	4000 K	30.1	150	16	572	25.4	177	2	0	1
6000 lm	2200 K	47.8	126	24	606	40.4	149	2	0	2
6000 lm	2700 K	42.9	140	24	544	36	167	2	0	2
6000 lm	3000 K	41.8	144	24	530	35	171	2	0	2
6000 lm	4000 K	39.9	150	24	504	33.3	180	2	0	2
7500 lm	2200 K	60.9	123	24	776	52.4	143	2	0	2
7500 lm	2700 K	54.6	137	24	694	46.6	161	2	0	2
7500 lm	3000 K	53.1	141	24	674	45.2	166	2	0	2
7500 lm	4000 K	50.5	149	24	642	42.9	175	2	0	2
9000 lm	2200 K	70.8	127	32	690	61.7	146	3	0	2
9000 lm	2700 K	63.7	141	32	618	55	164	3	0	2
9000 lm	3000 K	61.9	145	32	602	53.4	169	3	0	2
9000 lm	4000 K	59	153	32	572	50.7	178	3	0	2
10500 lm	2700 K	75.2	140	32	734	65.8	160	3	0	3
10500 lm	3000 K	73.1	144	32	712	63.8	165	3	0	3
10500 lm	4000 K	69.7	151	32	678	60.6	173	3	0	3
12000 lm	2700 K	87.2	138	32	852	77.1	156	3	0	3
12000 lm	3000 K	84.6	142	32	826	74.7	161	3	0	3
12000 lm	4000 K	80.7	149	32	786	70.9	169	3	0	3

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Optic: T2 medium

Lens: Transparent

System					Source			BUG		
Luminous Flux	**Nominal CCT**	**W**	**lm/W**	**n° led**	**mA**	**W**	**lm/W**	**Backlight**	**Uplight**	**Glare**
1500 lm	2200 K	11.4	132	16	216	9.2	163	0	0	0
1500 lm	2700 K	10.4	144	16	194	8.3	181	0	0	0
1500 lm	3000 K	10.2	147	16	190	8.1	185	0	0	0
1500 lm	4000 K	9.7	155	16	182	7.7	195	0	0	0
2500 lm	2200 K	18.8	133	16	366	15.9	157	1	0	1
2500 lm	2700 K	17	147	16	330	14.3	175	1	0	1
2500 lm	3000 K	16.6	151	16	322	13.9	180	1	0	1
2500 lm	4000 K	15.8	158	16	306	13.2	189	1	0	1
3500 lm	2200 K	27.5	127	16	524	23.1	152	1	0	1
3500 lm	2700 K	23.8	147	16	472	20.7	169	1	0	1
3500 lm	3000 K	23.2	151	16	458	20.1	174	1	0	1
3500 lm	4000 K	22.1	158	16	438	19.1	183	1	0	1
4500 lm	2200 K	36.3	124	16	690	30.9	146	1	0	1
4500 lm	2700 K	32.5	138	16	618	27.5	164	1	0	1
4500 lm	3000 K	31.6	142	16	602	26.7	169	1	0	1
4500 lm	4000 K	30.1	150	16	572	25.4	177	1	0	1
6000 lm	2200 K	47.8	126	24	606	40.4	149	1	0	1
6000 lm	2700 K	42.9	140	24	544	36	167	1	0	1
6000 lm	3000 K	41.8	144	24	530	35	171	1	0	1
6000 lm	4000 K	39.9	150	24	504	33.3	180	1	0	1
7500 lm	2200 K	60.9	123	24	776	52.4	143	2	0	1
7500 lm	2700 K	54.6	137	24	694	46.6	161	2	0	1
7500 lm	3000 K	53.1	141	24	674	45.2	166	2	0	1
7500 lm	4000 K	50.5	149	24	642	42.9	175	2	0	1
9000 lm	2200 K	70.8	127	32	690	61.7	146	2	0	1
9000 lm	2700 K	63.7	141	32	618	55	164	2	0	1
9000 lm	3000 K	61.9	145	32	602	53.4	169	2	0	1
9000 lm	4000 K	59	153	32	572	50.7	178	2	0	1
10500 lm	2700 K	75.2	140	32	734	65.8	160	2	0	2
10500 lm	3000 K	73.1	144	32	712	63.8	165	2	0	2
10500 lm	4000 K	69.7	151	32	678	60.6	173	2	0	2
12000 lm	2700 K	87.2	138	32	852	77.1	156	2	0	2
12000 lm	3000 K	84.6	142	32	826	74.7	161	2	0	2
12000 lm	4000 K	80.7	149	32	786	70.9	169	2	0	2

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Optic: T3 narrow

Lens: Transparent

System					Source			BUG		
Luminous Flux	**Nominal CCT**	**W**	**lm/W**	**n° led**	**mA**	**W**	**lm/W**	**Backlight**	**Uplight**	**Glare**
1500 lm	2200 K	11.4	132	16	216	9.2	163	0	0	0
1500 lm	2700 K	10.4	144	16	194	8.3	181	0	0	0
1500 lm	3000 K	10.2	147	16	190	8.1	185	0	0	0
1500 lm	4000 K	9.7	155	16	182	7.7	195	0	0	0
2500 lm	2200 K	18.8	133	16	366	15.9	157	1	0	1
2500 lm	2700 K	17	147	16	330	14.3	175	1	0	1
2500 lm	3000 K	16.6	151	16	322	13.9	180	1	0	1
2500 lm	4000 K	15.8	158	16	306	13.2	189	1	0	1
3500 lm	2200 K	27.5	127	16	524	23.1	152	1	0	1
3500 lm	2700 K	23.8	147	16	472	20.7	169	1	0	1
3500 lm	3000 K	23.2	151	16	458	20.1	174	1	0	1
3500 lm	4000 K	22.1	158	16	438	19.1	183	1	0	1
4500 lm	2200 K	36.3	124	16	690	30.9	146	1	0	1
4500 lm	2700 K	32.5	138	16	618	27.5	164	1	0	1
4500 lm	3000 K	31.6	142	16	602	26.7	169	1	0	1
4500 lm	4000 K	30.1	150	16	572	25.4	177	1	0	1
6000 lm	2200 K	47.8	126	24	606	40.4	149	1	0	1
6000 lm	2700 K	42.9	140	24	544	36	167	1	0	1
6000 lm	3000 K	41.8	144	24	530	35	171	1	0	1
6000 lm	4000 K	39.9	150	24	504	33.3	180	1	0	1
7500 lm	2200 K	60.9	123	24	776	52.4	143	2	0	1
7500 lm	2700 K	54.6	137	24	694	46.6	161	2	0	1
7500 lm	3000 K	53.1	141	24	674	45.2	166	2	0	1
7500 lm	4000 K	50.5	149	24	642	42.9	175	2	0	1
9000 lm	2200 K	70.8	127	32	690	61.7	146	2	0	2
9000 lm	2700 K	63.7	141	32	618	55	164	2	0	2
9000 lm	3000 K	61.9	145	32	602	53.4	169	2	0	2
9000 lm	4000 K	59	153	32	572	50.7	178	2	0	2
10500 lm	2700 K	75.2	140	32	734	65.8	160	2	0	2
10500 lm	3000 K	73.1	144	32	712	63.8	165	2	0	2
10500 lm	4000 K	69.7	151	32	678	60.6	173	2	0	2
12000 lm	2700 K	87.2	138	32	852	77.1	156	2	0	2
12000 lm	3000 K	84.6	142	32	826	74.7	161	2	0	2
12000 lm	4000 K	80.7	149	32	786	70.9	169	2	0	2

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Optic: T2 narrow

Lens: Transparent

System					Source			BUG		
Luminous Flux	**Nominal CCT**	**W**	**lm/W**	**n° led**	**mA**	**W**	**lm/W**	**Backlight**	**Uplight**	**Glare**
1500 lm	2200 K	11.4	132	16	216	9.2	163	1	0	1
1500 lm	2700 K	10.4	144	16	194	8.3	181	1	0	1
1500 lm	3000 K	10.2	147	16	190	8.1	185	1	0	1
1500 lm	4000 K	9.7	155	16	182	7.7	195	1	0	1
2500 lm	2200 K	18.8	133	16	366	15.9	157	1	0	1
2500 lm	2700 K	17	147	16	330	14.3	175	1	0	1
2500 lm	3000 K	16.6	151	16	322	13.9	180	1	0	1
2500 lm	4000 K	15.8	158	16	306	13.2	189	1	0	1
3500 lm	2200 K	27.5	127	16	524	23.1	152	1	0	1
3500 lm	2700 K	23.8	147	16	472	20.7	169	1	0	1
3500 lm	3000 K	23.2	151	16	458	20.1	174	1	0	1
3500 lm	4000 K	22.1	158	16	438	19.1	183	1	0	1
4500 lm	2200 K	36.3	124	16	690	30.9	146	1	0	1
4500 lm	2700 K	32.5	138	16	618	27.5	164	1	0	1
4500 lm	3000 K	31.6	142	16	602	26.7	169	1	0	1
4500 lm	4000 K	30.1	150	16	572	25.4	177	1	0	1
6000 lm	2200 K	47.8	126	24	606	40.4	149	1	0	1
6000 lm	2700 K	42.9	140	24	544	36	167	1	0	1
6000 lm	3000 K	41.8	144	24	530	35	171	1	0	1
6000 lm	4000 K	39.9	150	24	504	33.3	180	1	0	1
7500 lm	2200 K	60.9	123	24	776	52.4	143	2	0	2
7500 lm	2700 K	54.6	137	24	694	46.6	161	2	0	2
7500 lm	3000 K	53.1	141	24	674	45.2	166	2	0	2
7500 lm	4000 K	50.5	149	24	642	42.9	175	2	0	2
9000 lm	2200 K	70.8	127	32	690	61.7	146	2	0	2
9000 lm	2700 K	63.7	141	32	618	55	164	2	0	2
9000 lm	3000 K	61.9	145	32	602	53.4	169	2	0	2
9000 lm	4000 K	59	153	32	572	50.7	178	2	0	2
10500 lm	2700 K	75.2	140	32	734	65.8	160	2	0	2
10500 lm	3000 K	73.1	144	32	712	63.8	165	2	0	2
10500 lm	4000 K	69.7	151	32	678	60.6	173	2	0	2
12000 lm	2700 K	87.2	138	32	852	77.1	156	2	0	2
12000 lm	3000 K	84.6	142	32	826	74.7	161	2	0	2
12000 lm	4000 K	80.7	149	32	786	70.9	169	2	0	2

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Optic: T3 medium

Lens: Transparent

System					Source			BUG		
Luminous Flux	**Nominal CCT**	**W**	**lm/W**	**n° led**	**mA**	**W**	**lm/W**	**Backlight**	**Uplight**	**Glare**
1500 lm	2200 K	11.4	132	16	216	9.2	163	0	0	0
1500 lm	2700 K	10.4	144	16	194	8.3	181	0	0	0
1500 lm	3000 K	10.2	147	16	190	8.1	185	0	0	0
1500 lm	4000 K	9.7	155	16	182	7.7	195	0	0	0
2500 lm	2200 K	18.8	133	16	366	15.9	157	1	0	1
2500 lm	2700 K	17	147	16	330	14.3	175	1	0	1
2500 lm	3000 K	16.6	151	16	322	13.9	180	1	0	1
2500 lm	4000 K	15.8	158	16	306	13.2	189	1	0	1
3500 lm	2200 K	27.5	127	16	524	23.1	152	1	0	1
3500 lm	2700 K	23.8	147	16	472	20.7	169	1	0	1
3500 lm	3000 K	23.2	151	16	458	20.1	174	1	0	1
3500 lm	4000 K	22.1	158	16	438	19.1	183	1	0	1
4500 lm	2200 K	36.3	124	16	690	30.9	146	1	0	1
4500 lm	2700 K	32.5	138	16	618	27.5	164	1	0	1
4500 lm	3000 K	31.6	142	16	602	26.7	169	1	0	1
4500 lm	4000 K	30.1	150	16	572	25.4	177	1	0	1
6000 lm	2200 K	47.8	126	24	606	40.4	149	1	0	1
6000 lm	2700 K	42.9	140	24	544	36	167	1	0	1
6000 lm	3000 K	41.8	144	24	530	35	171	1	0	1
6000 lm	4000 K	39.9	150	24	504	33.3	180	1	0	1
7500 lm	2200 K	60.9	123	24	776	52.4	143	1	0	2
7500 lm	2700 K	54.6	137	24	694	46.6	161	1	0	2
7500 lm	3000 K	53.1	141	24	674	45.2	166	1	0	2
7500 lm	4000 K	50.5	149	24	642	42.9	175	1	0	2
9000 lm	2200 K	70.8	127	32	690	61.7	146	2	0	2
9000 lm	2700 K	63.7	141	32	618	55	164	2	0	2
9000 lm	3000 K	61.9	145	32	602	53.4	169	2	0	2
9000 lm	4000 K	59	153	32	572	50.7	178	2	0	2
10500 lm	2700 K	75.2	140	32	734	65.8	160	2	0	2
10500 lm	3000 K	73.1	144	32	712	63.8	165	2	0	2
10500 lm	4000 K	69.7	151	32	678	60.6	173	2	0	2
12000 lm	2700 K	87.2	138	32	852	77.1	156	2	0	2
12000 lm	3000 K	84.6	142	32	826	74.7	161	2	0	2
12000 lm	4000 K	80.7	149	32	786	70.9	169	2	0	2

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Optic: T4 wide

Lens: Transparent

System					Source			BUG		
Luminous Flux	**Nominal CCT**	**W**	**lm/W**	**n° led**	**mA**	**W**	**lm/W**	**Backlight**	**Uplight**	**Glare**
1500 lm	2200 K	11.4	132	16	216	9.2	163	0	0	0
1500 lm	2700 K	10.4	144	16	194	8.3	181	0	0	0
1500 lm	3000 K	10.2	147	16	190	8.1	185	0	0	0
1500 lm	4000 K	9.7	155	16	182	7.7	195	0	0	0
2500 lm	2200 K	18.8	133	16	366	15.9	157	1	0	1
2500 lm	2700 K	17	147	16	330	14.3	175	1	0	1
2500 lm	3000 K	16.6	151	16	322	13.9	180	1	0	1
2500 lm	4000 K	15.8	158	16	306	13.2	189	1	0	1
3500 lm	2200 K	27.5	127	16	524	23.1	152	1	0	1
3500 lm	2700 K	23.8	147	16	472	20.7	169	1	0	1
3500 lm	3000 K	23.2	151	16	458	20.1	174	1	0	1
3500 lm	4000 K	22.1	158	16	438	19.1	183	1	0	1
4500 lm	2200 K	36.3	124	16	690	30.9	146	1	0	1
4500 lm	2700 K	32.5	138	16	618	27.5	164	1	0	1
4500 lm	3000 K	31.6	142	16	602	26.7	169	1	0	1
4500 lm	4000 K	30.1	150	16	572	25.4	177	1	0	1
6000 lm	2200 K	47.8	126	24	606	40.4	149	1	0	1
6000 lm	2700 K	42.9	140	24	544	36	167	1	0	1
6000 lm	3000 K	41.8	144	24	530	35	171	1	0	1
6000 lm	4000 K	39.9	150	24	504	33.3	180	1	0	1
7500 lm	2200 K	60.9	123	24	776	52.4	143	1	0	2
7500 lm	2700 K	54.6	137	24	694	46.6	161	1	0	2
7500 lm	3000 K	53.1	141	24	674	45.2	166	1	0	2
7500 lm	4000 K	50.5	149	24	642	42.9	175	1	0	2
9000 lm	2200 K	70.8	127	32	690	61.7	146	2	0	2
9000 lm	2700 K	63.7	141	32	618	55	164	2	0	2
9000 lm	3000 K	61.9	145	32	602	53.4	169	2	0	2
9000 lm	4000 K	59	153	32	572	50.7	178	2	0	2
10500 lm	2700 K	75.2	140	32	734	65.8	160	2	0	2
10500 lm	3000 K	73.1	144	32	712	63.8	165	2	0	2
10500 lm	4000 K	69.7	151	32	678	60.6	173	2	0	2
12000 lm	2700 K	87.2	138	32	852	77.1	156	2	0	2
12000 lm	3000 K	84.6	142	32	826	74.7	161	2	0	2
12000 lm	4000 K	80.7	149	32	786	70.9	169	2	0	2

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Optic: T4 medium

Lens: Transparent

System					Source			BUG		
Luminous Flux	**Nominal CCT**	**W**	**lm/W**	**n° led**	**mA**	**W**	**lm/W**	**Backlight**	**Uplight**	**Glare**
1500 lm	2200 K	11.4	132	16	216	9.2	163	0	0	0
1500 lm	2700 K	10.4	144	16	194	8.3	181	0	0	0
1500 lm	3000 K	10.2	147	16	190	8.1	185	0	0	0
1500 lm	4000 K	9.7	155	16	182	7.7	195	0	0	0
2500 lm	2200 K	18.8	133	16	366	15.9	157	1	0	1
2500 lm	2700 K	17	147	16	330	14.3	175	1	0	1
2500 lm	3000 K	16.6	151	16	322	13.9	180	1	0	1
2500 lm	4000 K	15.8	158	16	306	13.2	189	1	0	1
3500 lm	2200 K	27.5	127	16	524	23.1	152	1	0	1
3500 lm	2700 K	23.8	147	16	472	20.7	169	1	0	1
3500 lm	3000 K	23.2	151	16	458	20.1	174	1	0	1
3500 lm	4000 K	22.1	158	16	438	19.1	183	1	0	1
4500 lm	2200 K	36.3	124	16	690	30.9	146	1	0	1
4500 lm	2700 K	32.5	138	16	618	27.5	164	1	0	1
4500 lm	3000 K	31.6	142	16	602	26.7	169	1	0	1
4500 lm	4000 K	30.1	150	16	572	25.4	177	1	0	1
6000 lm	2200 K	47.8	126	24	606	40.4	149	1	0	1
6000 lm	2700 K	42.9	140	24	544	36	167	1	0	1
6000 lm	3000 K	41.8	144	24	530	35	171	1	0	1
6000 lm	4000 K	39.9	150	24	504	33.3	180	1	0	1
7500 lm	2200 K	60.9	123	24	776	52.4	143	1	0	1
7500 lm	2700 K	54.6	137	24	694	46.6	161	1	0	1
7500 lm	3000 K	53.1	141	24	674	45.2	166	1	0	1
7500 lm	4000 K	50.5	149	24	642	42.9	175	1	0	1
9000 lm	2200 K	70.8	127	32	690	61.7	146	2	0	2
9000 lm	2700 K	63.7	141	32	618	55	164	2	0	2
9000 lm	3000 K	61.9	145	32	602	53.4	169	2	0	2
9000 lm	4000 K	59	153	32	572	50.7	178	2	0	2
10500 lm	2700 K	75.2	140	32	734	65.8	160	2	0	2
10500 lm	3000 K	73.1	144	32	712	63.8	165	2	0	2
10500 lm	4000 K	69.7	151	32	678	60.6	173	2	0	2
12000 lm	2700 K	87.2	138	32	852	77.1	156	2	0	2
12000 lm	3000 K	84.6	142	32	826	74.7	161	2	0	2
12000 lm	4000 K	80.7	149	32	786	70.9	169	2	0	2

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Optic: T5 square medium

Lens: Transparent

System					Source			BUG		
Luminous Flux	**Nominal CCT**	**W**	**lm/W**	**n° led**	**mA**	**W**	**lm/W**	**Backlight**	**Uplight**	**Glare**
1500 lm	2200 K	11.4	132	16	216	9.2	163	1	0	0
1500 lm	2700 K	10.4	144	16	194	8.3	181	1	0	0
1500 lm	3000 K	10.2	147	16	190	8.1	185	1	0	0
1500 lm	4000 K	9.7	155	16	182	7.7	195	1	0	0
2500 lm	2200 K	18.8	133	16	366	15.9	157	1	0	0
2500 lm	2700 K	17	147	16	330	14.3	175	1	0	0
2500 lm	3000 K	16.6	151	16	322	13.9	180	1	0	0
2500 lm	4000 K	15.8	158	16	306	13.2	189	1	0	0
3500 lm	2200 K	27.5	127	16	524	23.1	152	2	0	0
3500 lm	2700 K	23.8	147	16	472	20.7	169	2	0	0
3500 lm	3000 K	23.2	151	16	458	20.1	174	2	0	0
3500 lm	4000 K	22.1	158	16	438	19.1	183	2	0	0
4500 lm	2200 K	36.3	124	16	690	30.9	146	2	0	1
4500 lm	2700 K	32.5	138	16	618	27.5	164	2	0	1
4500 lm	3000 K	31.6	142	16	602	26.7	169	2	0	1
4500 lm	4000 K	30.1	150	16	572	25.4	177	2	0	1
6000 lm	2200 K	47.8	126	24	606	40.4	149	3	0	1
6000 lm	2700 K	42.9	140	24	544	36	167	3	0	1
6000 lm	3000 K	41.8	144	24	530	35	171	3	0	1
6000 lm	4000 K	39.9	150	24	504	33.3	180	3	0	1
7500 lm	2200 K	60.9	123	24	776	52.4	143	3	0	1
7500 lm	2700 K	54.6	137	24	694	46.6	161	3	0	1
7500 lm	3000 K	53.1	141	24	674	45.2	166	3	0	1
7500 lm	4000 K	50.5	149	24	642	42.9	175	3	0	1
9000 lm	2200 K	70.8	127	32	690	61.7	146	3	0	1
9000 lm	2700 K	63.7	141	32	618	55	164	3	0	1
9000 lm	3000 K	61.9	145	32	602	53.4	169	3	0	1
9000 lm	4000 K	59	153	32	572	50.7	178	3	0	1
10500 lm	2700 K	75.2	140	32	734	65.8	160	3	0	1
10500 lm	3000 K	73.1	144	32	712	63.8	165	3	0	1
10500 lm	4000 K	69.7	151	32	678	60.6	173	3	0	1
12000 lm	2700 K	87.2	138	32	852	77.1	156	3	0	2
12000 lm	3000 K	84.6	142	32	826	74.7	161	3	0	2
12000 lm	4000 K	80.7	149	32	786	70.9	169	3	0	2

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Amber

Optic: T1 short — **Lens:** Transparent

System					Source			BUG		
Luminous Flux	Nominal CCT	W	lm/W	n° led	mA	W	lm/W	Backlight	Uplight	Glare
3200 lm	Amber	93.5	34	48	750	83	39	1	0	1

Optic: T2 medium — **Lens:** Transparent

System					Source			BUG		
Luminous Flux	Nominal CCT	W	lm/W	n° led	mA	W	lm/W	Backlight	Uplight	Glare
3200 lm	Amber	93.5	34	48	750	83	39	1	0	1

Optic: T3 narrow — **Lens:** Transparent

System					Source			BUG		
Luminous Flux	Nominal CCT	W	lm/W	n° led	mA	W	lm/W	Backlight	Uplight	Glare
3200 lm	Amber	93.5	34	48	750	83	39	1	0	1

Optic: T2 narrow — **Lens:** Transparent

System					Source			BUG		
Luminous Flux	Nominal CCT	W	lm/W	n° led	mA	W	lm/W	Backlight	Uplight	Glare
3200 lm	Amber	93.5	34	48	750	83	39	1	0	1

Optic: T3 medium — **Lens:** Transparent

System					Source			BUG		
Luminous Flux	Nominal CCT	W	lm/W	n° led	mA	W	lm/W	Backlight	Uplight	Glare
3200 lm	Amber	93.5	34	48	750	83	39	1	0	1

Optic: T4 wide — **Lens:** Transparent

System					Source			BUG		
Luminous Flux	Nominal CCT	W	lm/W	n° led	mA	W	lm/W	Backlight	Uplight	Glare
3200 lm	Amber	93.5	34	48	750	83	39	1	0	1

Optic: T4 medium — **Lens:** Transparent

System					Source			BUG		
Luminous Flux	Nominal CCT	W	lm/W	n° led	mA	W	lm/W	Backlight	Uplight	Glare
3200 lm	Amber	93.5	34	48	750	83	39	1	0	1

Optic: T5 square medium — **Lens:** Transparent

System					Source			BUG		
Luminous Flux	Nominal CCT	W	lm/W	n° led	mA	W	lm/W	Backlight	Uplight	Glare
3200 lm	Amber	93.5	34	48	750	83	39	2	0	0

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