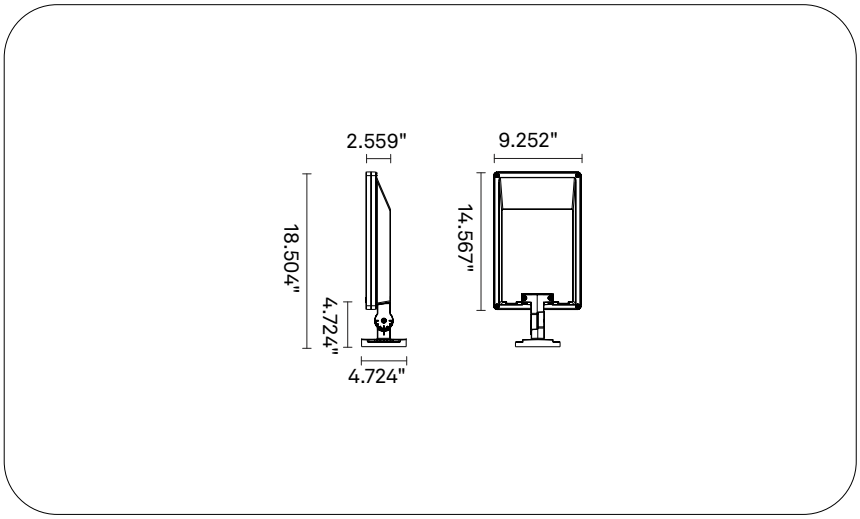
NERI

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

PIXIS SURFACE | LUMINAIRE | PIXIS SURFACE STREET





IP66 IK10 cULus

ORDERING INFORMATION / GUIDE

Example**: LUPIX02-U-D25-827-L025-ST-V0-F35-MU-CN0**

OPTICS	RA+K	LUMINOUS FLUX	LENS	VOLTAGE	DRIVER FUNCTION	ISO CLASS	FINISH
D25 T2 narrow	**827** Ra80 2700 K	**L015** 1500 lm	**ST** Transparent	**V0** 120V-277V	**F35** 0-10V+CLO	**MU** UL	**CN0** Grey [Neri] Textured
D37 T3 medium	**830** Ra80 3000 K	**L025** 2500 lm			**F51** DT8+CLO		
D59 T3 medium + BLC	**840** Ra80 4000 K	**L035** 3500 lm					
D24 T4 wide	**8T2** Ra80 TW 2200-4000 K	**L040** 4000 lm					
D58 T4 wide + BLC		**L045** 4500 lm					
D18 Type V - B		**L060** 6000 lm					
		L075 7500 lm					

Generated code: **LUPIX02 - 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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PIXIS SURFACE | LUMINAIRE | PIXIS SURFACE STREET

SOURCE

High-power LED matrix.

Energy-efficiency class: D, E
LED forward current: 320-980 mA
Power rating: 13.8-67.3 W
Nominal Flux: 1500-7500 lm
Nominal CCT (Color temperature): 2700 K, 3000 K, 4000 K, TW 2200-4000 K
Color Rendering Index (Ra): 80
Standard Deviation Colour Matching: ≤5
ANSI/IES TM-30: Rf = 83-85 Rg = 95-96
Rated lifetime: L90 = 100000 h (Ts = 85 °C, 700 mA)

LIGHTING CHARACTERISTICS

Modular 2x2 refractive lenses in PMMA.

Optics: T2 narrow, T3 medium, T3 medium + BLC, T4 wide, T4 wide + BLC, Type V - B
Optical efficiency: LOR = 100% ULOR = 0%
LED quantity: 16, 24
Cutoff Angle: Cutoff, Semi Cutoff C = 20, 55° γ = 44, 65°
Luminous flux: 1500-7500 lm
Luminous efficacy: 66-138 lm/W
BUG: B=0-2, U=0, G=0-2
Photobiological safety: RG1 - Low risk

ELECTRICAL CHARACTERISTICS

Luminaire power: 16.7-76.8 W
Voltage: 120V-277V~ 50/60Hz
Power factor: ≥0.99
Insulation class: UL
Control type - driver: 0-10V+CLO, DT8+CLO
Ambient temperature: -40 °F / +122 °F
Driver included: Yes
Surge protection: 10kV CM - 6kV DM, 20kV CM - 20kV DM

MECHANICAL CHARACTERISTICS

Structure with a base and body made of die-cast aluminum (UNI EN 1706) and a lower frame openable for access to the auxiliary compartment.
Protective shield in extra-clear tempered glass with IK10 impact resistance (EN 62262) and diffusing plastic adhesive film (code 9565.620.267).
Integrated heat sink in die-cast aluminum, internal black reflector in PC, silicone seal between lower frame and upper cover, and compartment prepared for additional surge protectors or remote monitoring systems.
Stainless steel screws.

Length: 18.504 in
Width: 9.252 in
Height: 4.724 in
Weight: 11.02 lb
EPA: 0.32 ft²
Protection degree: IP66
Mechanical resistance: IK10
Finish: Grey [Neri] Textured

INSTALLATION

Suitable for mounting on a flat surface with anchors.
Adjustable ±90° with 10° steps.

WARNINGS

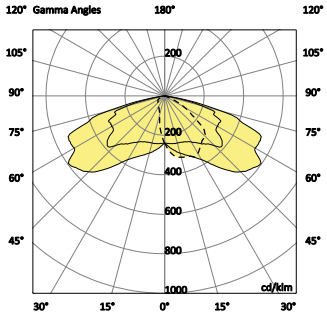
Luminaire designed for disposal/recycling at end-of-life.
Replaceable (LED only) light source by a professional.
Replaceable control gear by a professional.
Protection of surfaces: please refer to the specification on painting procedures of the materials.

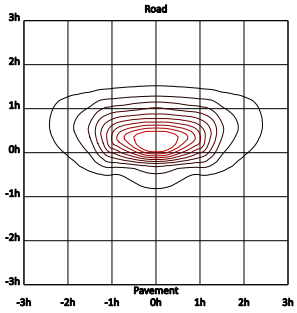
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PIXIS SURFACE | LUMINAIRE | PIXIS SURFACE STREET

Optic: T2 narrow

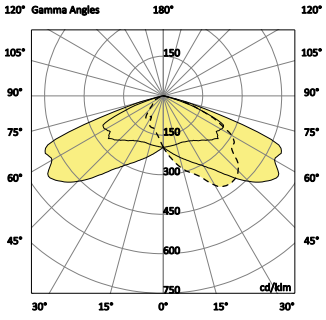
Lens: Transparent

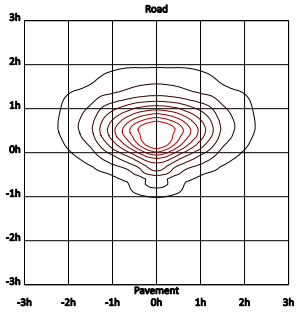




Optic: T3 medium

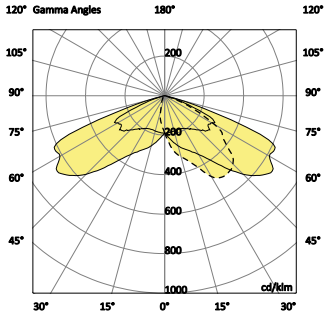
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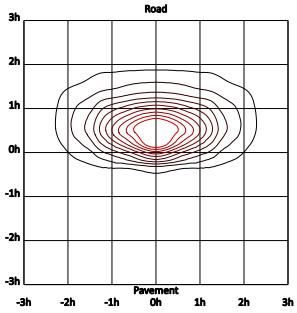




Optic: T3 medium + BLC

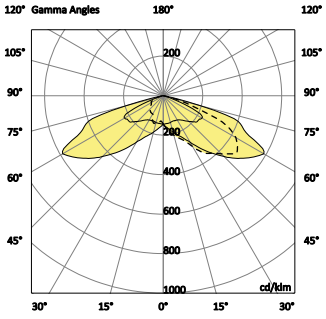
Lens: Transparent

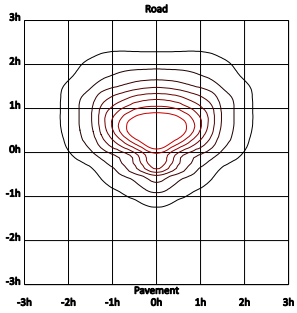




Optic: T4 wide

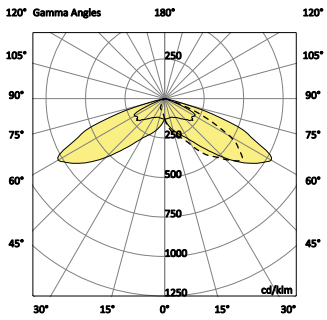
Lens: Transparent

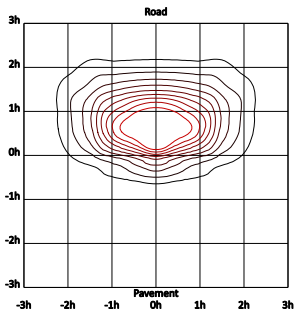




Optic: T4 wide + BLC

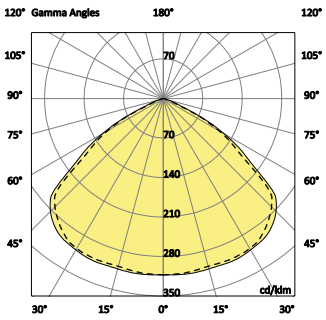
Lens: Transparent

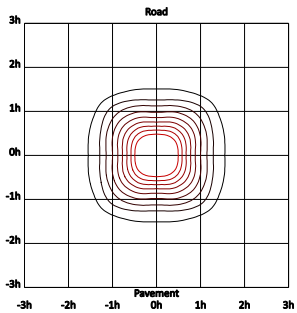




Optic: Type V - B

Lens: Transparent





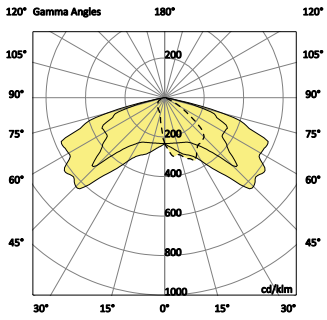
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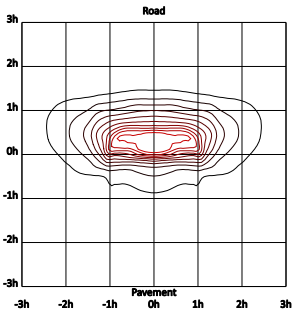
PIXIS SURFACE | LUMINAIRE | PIXIS SURFACE STREET

TW 2200-4000 K

Optic: T2 narrow

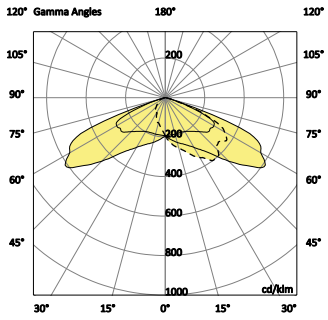
Lens: Transparent

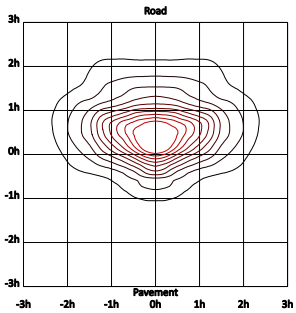




Optic: T3 medium

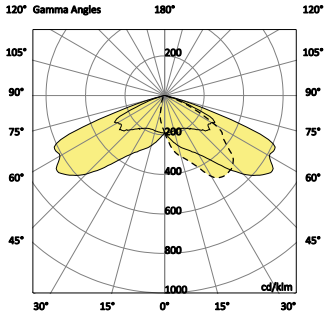
Lens: Transparent

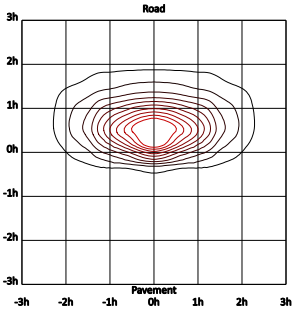




Optic: T3 medium + BLC

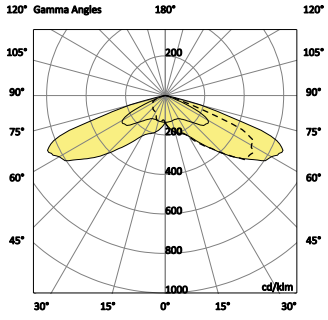
Lens: Transparent

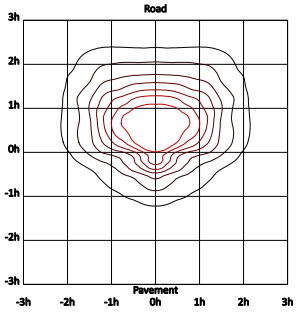




Optic: T4 wide

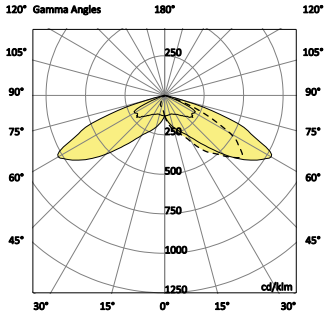
Lens: Transparent

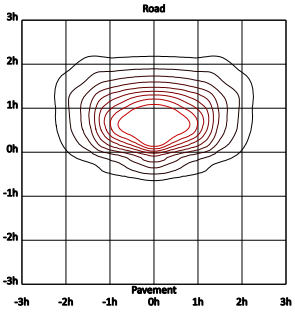




Optic: T4 wide + BLC

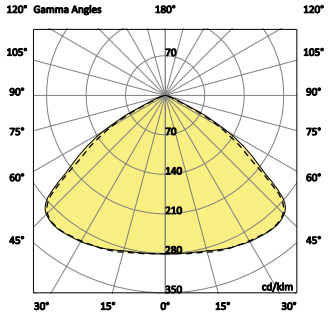
Lens: Transparent

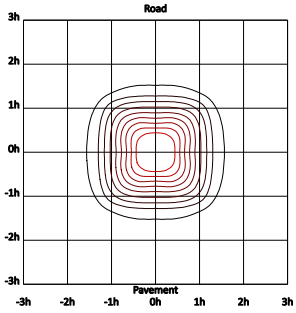




Optic: Type V - B

Lens: Transparent





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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**
2500 lm	2700 K	23.9	105	16	458	20	125	1	0	1
2500 lm	3000 K	22.8	110	16	434	19	132	1	0	1
2500 lm	4000 K	21.5	116	16	412	17.9	140	1	0	1
3500 lm	2700 K	34.6	101	16	658	29.4	119	1	0	1
3500 lm	3000 K	32.7	107	16	624	27.7	126	1	0	1
3500 lm	4000 K	31	113	16	590	26.2	134	1	0	1
4500 lm	2700 K	43.9	103	24	556	36.9	122	1	0	1
4500 lm	3000 K	43.3	104	16	824	37.2	121	1	0	1
4500 lm	4000 K	41	110	16	778	35.1	128	1	0	1
6000 lm	2700 K	59.9	100	24	764	51.5	117	1	0	1
6000 lm	3000 K	56.8	106	24	722	48.6	123	1	0	1
6000 lm	4000 K	53.7	112	24	684	45.8	131	1	0	1
7500 lm	2700 K	76.8	98	24	980	67.3	111	1	0	1
7500 lm	3000 K	72.6	103	24	928	63.4	118	1	0	1
7500 lm	4000 K	68.6	109	24	876	59.6	126	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**
2500 lm	2700 K	23.9	105	16	458	20	125	1	0	0
2500 lm	3000 K	22.8	110	16	434	19	132	1	0	0
2500 lm	4000 K	21.5	116	16	412	17.9	140	1	0	0
3500 lm	2700 K	34.6	101	16	658	29.4	119	1	0	1
3500 lm	3000 K	32.7	107	16	624	27.7	126	1	0	1
3500 lm	4000 K	31	113	16	590	26.2	134	1	0	1
4500 lm	2700 K	43.9	103	24	556	36.9	122	1	0	1
4500 lm	3000 K	43.3	104	16	824	37.2	121	1	0	1
4500 lm	4000 K	41	110	16	778	35.1	128	1	0	1
6000 lm	2700 K	59.9	100	24	764	51.5	117	1	0	1
6000 lm	3000 K	56.8	106	24	722	48.6	123	1	0	1
6000 lm	4000 K	53.7	112	24	684	45.8	131	1	0	1
7500 lm	2700 K	76.8	98	24	980	67.3	111	1	0	1
7500 lm	3000 K	72.6	103	24	928	63.4	118	1	0	1
7500 lm	4000 K	68.6	109	24	876	59.6	126	1	0	1

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

System					Source			BUG		
Luminous Flux	**Nominal CCT**	**W**	**lm/W**	**n° led**	**mA**	**W**	**lm/W**	**Backlight**	**Uplight**	**Glare**
1500 lm	2700 K	18.6	81	16	356	15.4	97	0	0	0
1500 lm	3000 K	17.6	85	16	338	14.6	103	0	0	0
1500 lm	4000 K	16.7	90	16	320	13.8	109	0	0	0
2500 lm	2700 K	32.2	78	16	614	27.3	92	0	0	0
2500 lm	3000 K	30.5	82	16	582	25.8	97	0	0	0
2500 lm	4000 K	28.9	87	16	550	24.3	103	0	0	0
3500 lm	2700 K	44	80	24	570	37.8	93	1	0	1
3500 lm	3000 K	44.4	79	16	844	38.2	92	1	0	1
3500 lm	4000 K	42	83	16	798	36	97	1	0	1
4500 lm	2700 K	58.9	76	24	750	50.6	89	1	0	1
4500 lm	3000 K	55.9	81	24	712	47.8	94	1	0	1
4500 lm	4000 K	52.8	85	24	672	45	100	1	0	1
6000 lm	4000 K	72.6	83	24	926	63.4	95	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**
2500 lm	2700 K	23.9	105	16	458	20	125	1	0	1
2500 lm	3000 K	22.8	110	16	434	19	132	1	0	1
2500 lm	4000 K	21.5	116	16	412	17.9	140	1	0	1
3500 lm	2700 K	34.6	101	16	658	29.4	119	1	0	1
3500 lm	3000 K	32.7	107	16	624	27.7	126	1	0	1
3500 lm	4000 K	31	113	16	590	26.2	134	1	0	1
4500 lm	2700 K	43.9	103	24	556	36.9	122	1	0	1
4500 lm	3000 K	43.3	104	16	824	37.2	121	1	0	1
4500 lm	4000 K	41	110	16	778	35.1	128	1	0	1
6000 lm	2700 K	59.9	100	24	764	51.5	117	1	0	1
6000 lm	3000 K	56.8	106	24	722	48.6	123	1	0	1
6000 lm	4000 K	53.7	112	24	684	45.8	131	1	0	1
7500 lm	2700 K	76.8	98	24	980	67.3	111	1	0	2
7500 lm	3000 K	72.6	103	24	928	63.4	118	1	0	2
7500 lm	4000 K	68.6	109	24	876	59.6	126	1	0	2

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

System					Source			BUG		
Luminous Flux	**Nominal CCT**	**W**	**lm/W**	**n° led**	**mA**	**W**	**lm/W**	**Backlight**	**Uplight**	**Glare**
1500 lm	2700 K	18.6	81	16	356	15.4	97	0	0	0
1500 lm	3000 K	17.6	85	16	338	14.6	103	0	0	0
1500 lm	4000 K	16.7	90	16	320	13.8	109	0	0	0
2500 lm	2700 K	32.2	78	16	614	27.3	92	0	0	0
2500 lm	3000 K	30.5	82	16	582	25.8	97	0	0	0
2500 lm	4000 K	28.9	87	16	550	24.3	103	0	0	0
3500 lm	2700 K	44	80	24	570	37.8	93	1	0	1
3500 lm	3000 K	44.4	79	16	844	38.2	92	1	0	1
3500 lm	4000 K	42	83	16	798	36	97	1	0	1
4500 lm	2700 K	58.9	76	24	750	50.6	89	1	0	1
4500 lm	3000 K	55.9	81	24	712	47.8	94	1	0	1
4500 lm	4000 K	52.8	85	24	672	45	100	1	0	1
6000 lm	4000 K	72.6	83	24	926	63.4	95	1	0	1

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Optic: Type V - B

Lens: Transparent

System					Source			BUG		
Luminous Flux	**Nominal CCT**	**W**	**lm/W**	**n° led**	**mA**	**W**	**lm/W**	**Backlight**	**Uplight**	**Glare**
2500 lm	2700 K	20.1	124	16	384	16.7	150	1	0	0
2500 lm	3000 K	19	132	16	366	15.8	158	1	0	0
2500 lm	4000 K	18.1	138	16	346	15	167	1	0	0
3500 lm	2700 K	28.9	121	16	552	24.4	143	2	0	0
3500 lm	3000 K	27.3	128	16	522	23	152	2	0	0
3500 lm	4000 K	26	135	16	494	21.8	161	2	0	0
4500 lm	2700 K	38.2	118	16	726	32.6	138	2	0	0
4500 lm	3000 K	36.1	125	16	688	30.7	147	2	0	0
4500 lm	4000 K	34.2	132	16	650	29	155	2	0	0
6000 lm	2700 K	50.2	120	24	638	42.6	141	2	0	0
6000 lm	3000 K	47.6	126	24	604	40.2	149	2	0	0
6000 lm	4000 K	45.1	133	24	572	38	158	2	0	0
7500 lm	2700 K	64	117	24	816	55.3	136	2	0	0
7500 lm	3000 K	60.6	124	24	772	52.2	144	2	0	0
7500 lm	4000 K	57.4	131	24	730	49.2	152	2	0	0

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PIXIS SURFACE | LUMINAIRE | PIXIS SURFACE STREET

TW 2200-4000 K

Optic: T2 narrow **Lens:** Transparent

System					Source			BUG		
Luminous Flux	Nominal CCT	W	lm/W	n° led	mA	W	lm/W	Backlight	Uplight	Glare
3500 lm	4000 K	39.2	89	16	735	33.7	104	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
3500 lm	4000 K	39.2	89	16	735	33.7	104	1	0	1

Optic: T3 medium + BLC **Lens:** Transparent

System					Source			BUG		
Luminous Flux	Nominal CCT	W	lm/W	n° led	mA	W	lm/W	Backlight	Uplight	Glare
2500 lm	4000 K	37.9	66	16	712	32.6	77	0	0	0

Optic: T4 wide **Lens:** Transparent

System					Source			BUG		
Luminous Flux	Nominal CCT	W	lm/W	n° led	mA	W	lm/W	Backlight	Uplight	Glare
3500 lm	4000 K	39.2	89	16	735	33.7	104	1	0	1

Optic: T4 wide + BLC **Lens:** Transparent

System					Source			BUG		
Luminous Flux	Nominal CCT	W	lm/W	n° led	mA	W	lm/W	Backlight	Uplight	Glare
2500 lm	4000 K	37.9	66	16	712	32.6	77	0	0	0

Optic: Type V - B **Lens:** Transparent

System					Source			BUG		
Luminous Flux	Nominal CCT	W	lm/W	n° led	mA	W	lm/W	Backlight	Uplight	Glare
4000 lm	4000 K	38.8	103	16	729	33.4	120	2	0	0

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