

**FEATURES**

- Ingenious cooling system up to 50W
- Perfect color rendering for clothing and materials
- Interchangeable beam angles (18/37/60°)

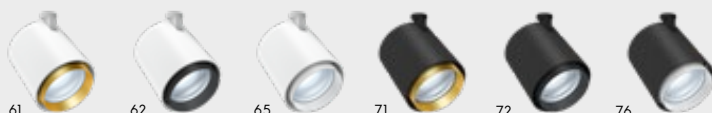


With integrated PSU adapter, not visible after installation.

LV 18° / 37° / 60°

LV 80° (on request)

**AVAILABLE COLOURS**



Nr	Housing	Front ring
XX=61	Matt white RAL 9016	Gold
XX=62	Matt white RAL 9016	Black
XX=65	Matt white RAL 9016	White
XX=71	Matt black RAL 9005	Gold
XX=72	Matt black RAL 9005	Black
XX=76	Matt black RAL 9005	White

# Odion XS(-HE) (Gen2)

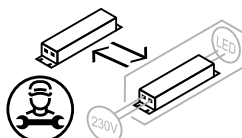
## SPECIFICATIONS

Beam angle (FWHM)	18° / 37° / 60° (80° on request)
UGR (4H8H 70/50/20)	<19 (18° + 37°)
Fixture material	Die cast aluminium / Glass
Environment	Indoor
IK rate	IK09
Operating temperature (Ta)	-20°C / +45°C <sup>1</sup>
Safety marks	EN60598 / EN62031 / EN 62471
EMC compliance	EN55015
Colour consistency (SDCM)	MacAdam step 3
Warranty	7 years * (within the European Union and the countries of the Free Trade Association for products delivered after 1 May 2015)
Energy class	These products contains a light source of energy efficiency class: <b>CRI97 - F (3000K) &amp; CRI82 - E (3000K) / D (4000K)</b>

This luminaire contains built-in LED lamps. There are no exchangeable parts inside the luminaire. EU 874/2012

<sup>1</sup> In applications with a flat roof (fi. car showrooms) the temperatures may exceed 45°C. Please ask our sales office for a special driver.

Ask our sales department about the possibilities for:  
- Extra LED options from the LUXEON Stylist Series



IP20

**CRI82/97 VARIATIONS**

Odion XS LV 3000K CRI82 3575LM	page 3
Odion XS LV 4000K CRI82 3650LM	page 3
Odion XS LV 3000K CRI97 3000LM	page 3
Odion XS LV 3000K CRI97 2150LM	page 3
Odion XS LV 3000K CRI82 5550LM	page 3
Odion XS LV 4000K CRI82 5800LM	page 3
Odion XS LV 3000K CRI97 3250LM	page 3

**CRI82 CHOOSE YOUR LV LUMEN OUTPUT**

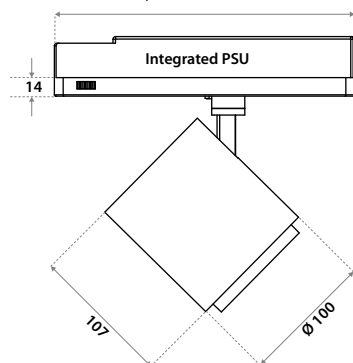
	mA	W	Lumen Output		Lumen / Watt		UGR						Driver types			
			3000K	4000K	3000K	4000K	3000K			4000K			No dim	Dali	Casambi	
							18°	37°	60°	18°	37°	60°				
<i>Special request</i>	500	19,4	2525	2600	130	134								GA-016	PRO-T61050N	GA
<b>Standard</b>	700	27,9	3575	3650	128	131	24.2	25.4	24.7	24.3	25.5	24.8		GA-016	PRO-T61050N	GA
<i>Special request</i>	800	32,4	3825	4050	118	125								GA-016	PRO-T61050N	GA
<i>Special request</i>	900	36,8	4300	4500	117	122								GA-016	PRO-T61050N	GA
<i>Special request</i>	1050	43,7	4900	5100	112	117								GA-016	PRO-T61050N	GA
<b>Standard</b>	1200	51,2	5550	5800	108	113	25.7	26.9	26.2	25.8	27.1	26.4	SC60W1100-1400CG	On request		On request

**CRI97 CHOOSE YOUR LV LUMEN OUTPUT**

	mA	W	Lumen Output		Lumen / Watt		UGR			Driver types			
			3000K		3000K		3000K			No dim	Dali	Casambi	
							18°	37°	60°				
<i>Special request</i>	500	17,9	1450		81						On request	PRO-T61050N	GA
<b>Standard</b>	700	27,0	2150		80			22.4	23.6	22.9	On request	PRO-T61050N	GA
<i>Special request</i>	800	32,1	2500		78						On request	PRO-T61050N	GA
<i>Special request</i>	900	35,5	2700		76						OT FIT 40	PRO-T61050N	GA
<b>Standard</b>	1050	41,7	3000		72			23.5	24.8	24.1	OT FIT 40	PRO-T61050N	GA
<b>Standard</b>	1200	50,5	3250		64			24.7	25.6	24.9	SC60W1100-1400CG	On request	On request
<i>Special request</i>	1400	57,2	3750		66						SC60W1100-1400CG	On request	x

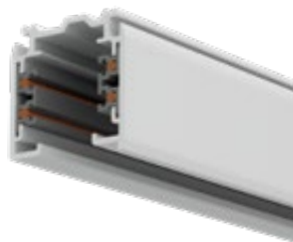
**DIMENSIONS**

- 228mm CRI80 + Stylist Series No dim
- 253mm CRI80 + Stylist Series Dali
- 228mm CRI80 + Stylist Series Casambi
- 162mm CRI97 No dim
- 253mm CRI97 Dali
- 228mm CRI97 Casambi



**TRACKS**

On request! Ask our sales department about the possibilities.



**HONEYCOMB ACCESSORY**

Description	Type	Item code
Honeycomb filter	By our assembly	009C03BL0000



Reduces the light output by -25% compared to clear glass.

**ODION XS**

**3000K/4000K**

**ITEM SPECIFICATIONS (PART A)**

Description	18°		37°		60°		mA
	Item code	UGR	Item code	UGR	Item code	UGR	
Odion XS-HE 3575Lm 3000K CRI82 No dim	35N403XXHK02	24.2	35N403XXHL02	25.4	35N403XXHM02	24.7	700
Odion XS-HE 3575Lm 3000K CRI82 Dali	35N403XXE402	24.2	35N403XXE502	25.4	35N403XXE602	24.7	700
Odion XS-HE 3575Lm 3000K CRI82 Casambi	35N403XXJ402	24.2	35N403XXJ502	25.4	35N403XXJ602	24.7	700
Odion XS-HE 3650Lm 4000K CRI82 No dim	35N403XXHG02	24.3	35N403XXHP02	25.5	35N403XXHQ02	24.8	700
Odion XS-HE 3650Lm 4000K CRI82 Dali	35N403XXE702	24.3	35N403XXE802	25.5	35N403XXE902	24.8	700
Odion XS-HE 3650Lm 4000K CRI82 Casambi	35N403XXJ702	24.3	35N403XXJ802	25.5	35N403XXJ902	24.8	700
Odion XS 3000Lm 3000K CRI97 No dim	350403XXHG02	23.5	350403XXHH02	24.8	350403XXHJ02	24.1	1050
Odion XS 2150Lm 3000K CRI97 Dali	350403XXE102	22.4	350403XXE202	23.6	350403XXE302	22.9	700
Odion XS 2150Lm 3000K CRI97 Casambi	350403XXJ102	22.4	350403XXJ202	23.6	350403XXJ302	22.9	700
Odion XS-HE 5550Lm 3000K CRI82 No dim	35N403XXHA02	25.7	35N403XXHB02	26.9	35N403XXHC02	26.2	1200
Odion XS-HE 5800Lm 4000K CRI82 No dim	35N403XXHD02	25.8	35N403XXHE02	27.1	35N403XXHF02	26.4	1200
Odion XS 3250Lm 3000K CRI97 No dim	35N403XXHR02	24.7	35N403XXHS02	25.6	350403XXHT02	24.9	1200

**ITEM SPECIFICATIONS (PART A)**

Description	W	Lm	Lm/W	CRI (typ.)	Pf	Ripple	Inrush current	B-16A Fuse	Safety class	Energy class
Odion XS-HE 3575Lm 3000K CRI82 No dim	27.0	3575	128	82	0.97	<3%	5A 50µs	50	I	E
Odion XS-HE 3575Lm 3000K CRI82 Dali	27.0	3575	128	82	0.97	<3%	5A 50µs	50	I	E
Odion XS-HE 3575Lm 3000K CRI82 Casambi	27.0	3575	128	82	0.97	<3%	5A 50µs	50	I	E
Odion XS-HE 3650Lm 4000K CRI82 No dim	27.0	3650	131	82	0.97	<3%	5A 50µs	50	I	D
Odion XS-HE 3650Lm 4000K CRI82 Dali	27.0	3650	131	82	0.97	<3%	5A 50µs	50	I	D
Odion XS-HE 3650Lm 4000K CRI82 Casambi	27.0	3650	131	82	0.97	<3%	5A 50µs	50	I	D
Odion XS 3000Lm 3000K CRI97 No dim	41.7	3000	72	97	0.97	<3%	5A 50µs	50	I	F
Odion XS 2150Lm 3000K CRI97 Dali	27.0	2150	80	97	0.97	<3%	5A 50µs	50	I	F
Odion XS 2150Lm 3000K CRI97 Casambi	27.0	2150	80	97	0.97	<3%	5A 50µs	50	I	F
Odion XS-HE 5550Lm 3000K CRI82 No dim	51.2	5550	108	82	0.97	<3%	5A 50µs	50	I	E
Odion XS-HE 5800Lm 4000K CRI82 No dim	51.2	5800	113	82	0.97	<3%	5A 50µs	50	I	D
Odion XS 3250Lm 3000K CRI97 No dim	50.5	3250	64	97	0.97	<3%	5A 50µs	50	I	F

**ITEM SPECIFICATIONS (PART C)**

Description	Weight	Dimensions single carton	Quantity per carton	Expected lifespan B10 reported (25°C)		
				L70B10	L80B10	L90B10
Odion XS	840 gr	251x241x123 mm	12 pcs	>60.500 hrs	>60.500 hrs	>60.500 hrs

## NEW STANDARDS REQUIRE NEW LEDS

TM-30 (new color norm): The Illuminating Engineering Society (IES) has published a new Technical Memorandum – TM-30-15 entitled “IES Method for Evaluating Light Source Color Rendition” – that promises to supplant CRI as a color metric. TM-30 relies on separate fidelity and gamut metrics, as well as a set of color samples that is more representative of real-world objects, as opposed to the pastel samples that were primarily used for the baseline CRI metric that was sometimes called Ra. The new color metric is intended to fairly and accurately characterize both LED-based solid-state lighting (SSL) and legacy sources.



### Desaturated

CRI = 82 / R<sub>g</sub> = 94



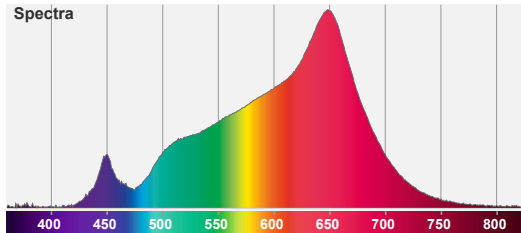
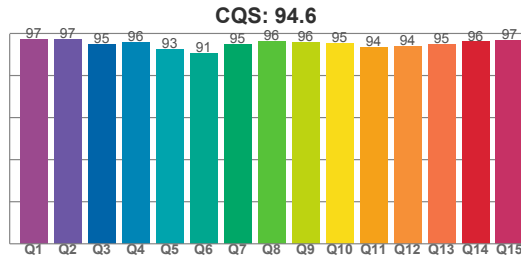
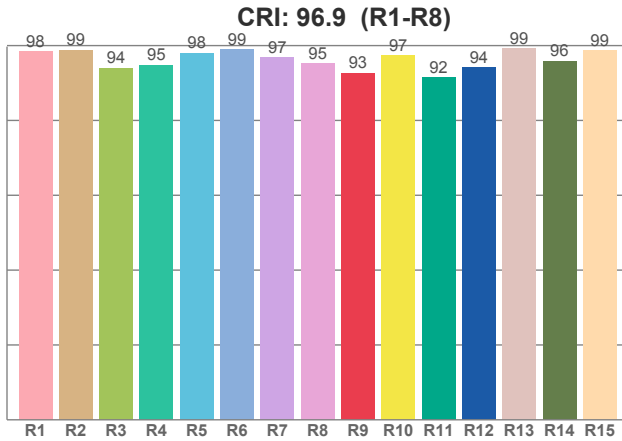
### Red-Enhanced

CRI = 97 / R<sub>g</sub> = 103

## HIGH CRI LED OPTIONS

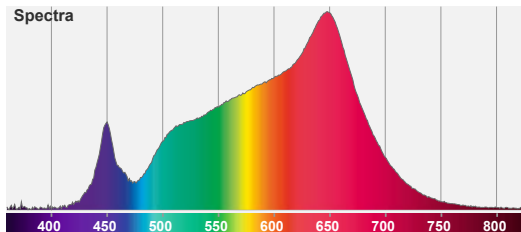
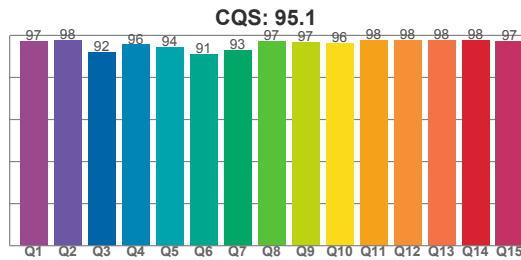
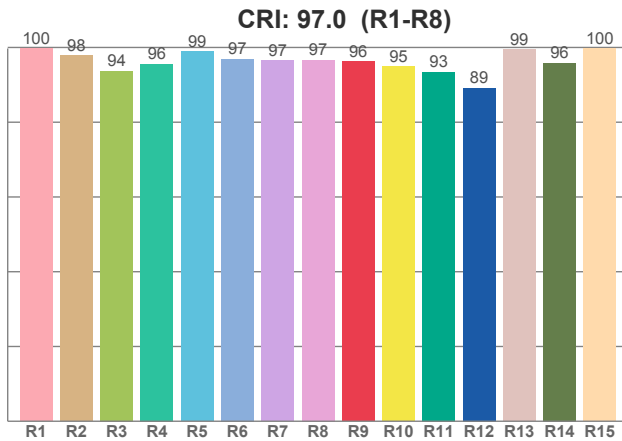
	CCT	CRI	R9	RF	RG	DOWNLIGHTS SMALL			DOWNLIGHTS LARGE		DOWNLIGHTS LARGE		BRAND	ITEM CODE
						MA	LM	LM/W	MA	LM	MA	LM		
<b>CRI82</b>	2700K	82	5	83	94	350	1650	128	700	3400	1200	5300	Bridgelux ksf	51-4087-27
<b>CRI82</b>	3000K	82	7	86	95	350	1725	134	700	3575	1200	5550	Bridgelux ksf	51-4087-30
<b>CRI82</b>	4000K	82	18	84	96	350	1750	136	700	3650	1200	5800	Bridgelux ksf	51-4087-40
<b>CRI90</b>	2700K	92	67	88	104	350	1550	118	700	3150	1200	4700	Bridgelux ksf	51-4088-27
<b>CRI90</b>	3000K	92	67	92	99	350	1600	122	700	3250	1200	4850	Bridgelux ksf	51-4088-30
<b>CRI90</b>	4000K	92	78	92	100	350	1625	124	700	3300	1200	4925	Bridgelux ksf	51-4088-40
<b>CRI97</b>	2700K	97	93	96	103	350	1150	83	800	2300	1400	3425	Lumileds	50-3031-27
<b>CRI97</b>	3000K	97	96	95	103	350	1250	91	800	2500	1400	3750	Lumileds	50-3031-30
<b>CRI97</b>	4000K	97	96	95	103	350	1350	98	800	2700	1400	4050	Lumileds	50-3031-40

**2700K**



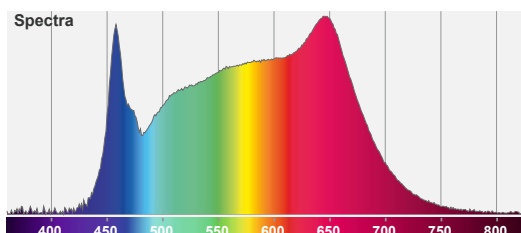
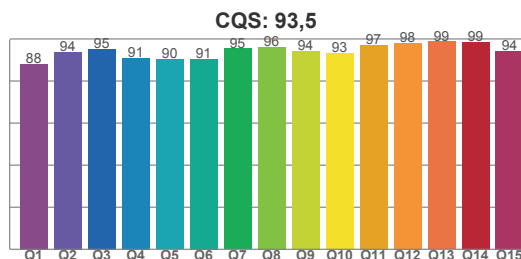
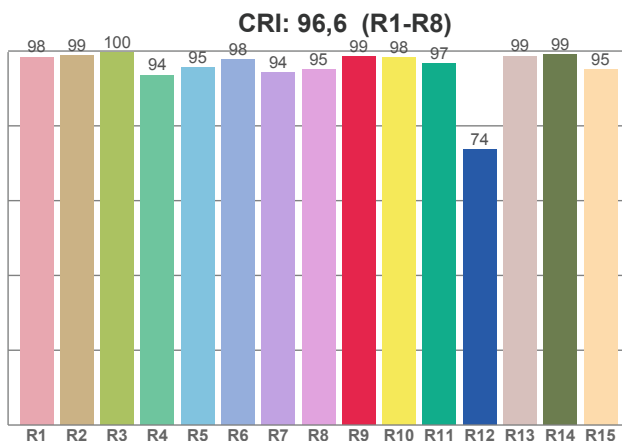
CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS
2700K	96.9	92.7	96.0	102.6	94.6

**3000K**



CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS
3000 K	97.0	96.2	95.0	103.3	95.1

**4000K**



CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS
4000K	96.6	98.5	88.3	96.2	93.5