

XOOMINAIRE™ 4292



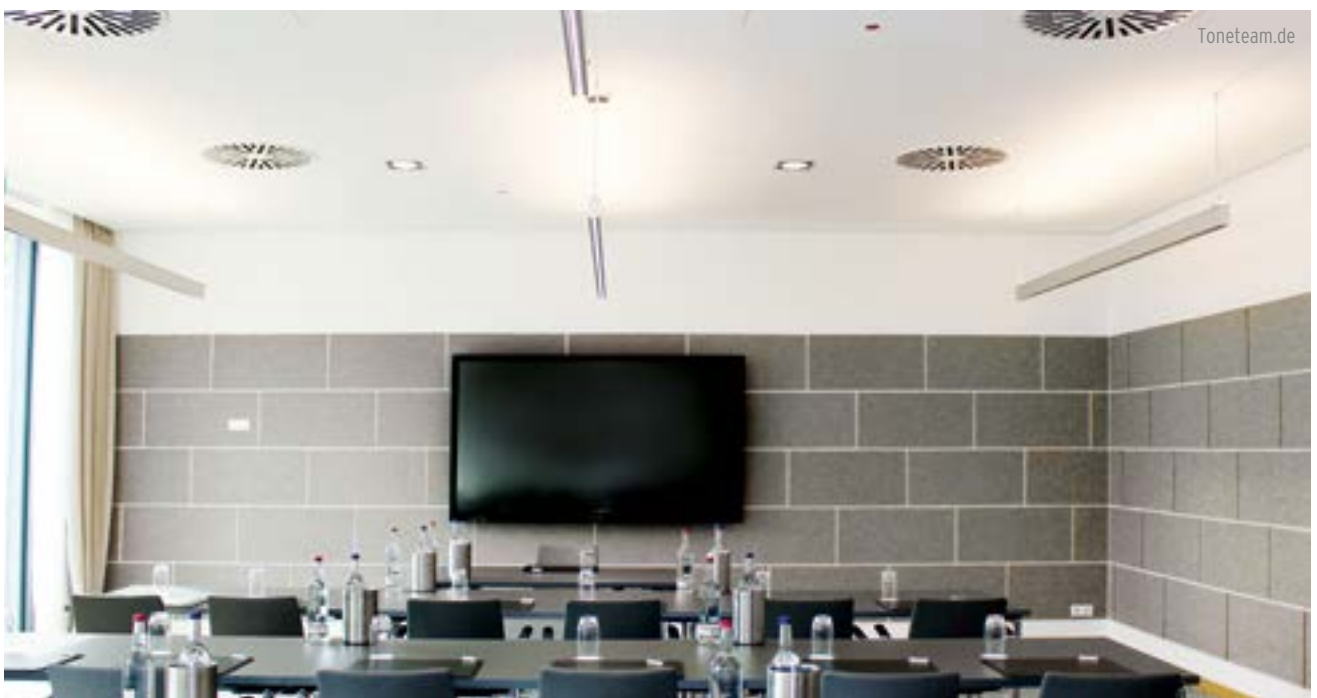
Standard Solutions | XOOMINAIRE™ 4292

Custom Solutions

Technical & Service Appendix







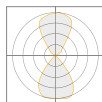
XOOMINAIRE™ 4292 – 65°

Technical information

Dimensions:	42 mm / 1.65" wide, 92 mm / 3.62" high
Lengths (approx):	900 mm / 3', 1,200 mm / 4', 1,500 mm / 5' up to 4,000 mm / 13' possible without light gap
Material:	Anodized aluminum (RAL 9006 is standard)
Lumen power levels (approx):	Direct: 1,800 lm/m, 2,900 lm/m, 3,900 lm/m 500 lm/ft, 800 lm/ft, 1,100 lm/ft Indirect: 1,400 lm/m, 2,400 lm/m / 420 lm/ft, 730 lm/ft
Color temperatures:	2,700 K, 3,000 K, 3,500 K, 4,000 K (other on request) Dynamic light colors IQ White and RGB on request
Color rendering index:	CRI > 85
Lifetime:	L80/~60,000 hrs, please see page 91
Light control:	on/off, DALI
IP-rating:	IP20
Protection class:	⊕

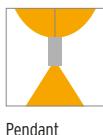
Reflector optic

▶ 65° – Deep, wide, UGR < 16

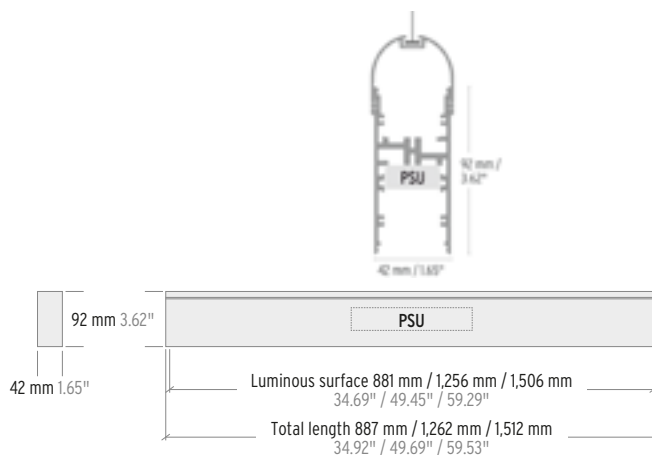


- Wide and deep light distribution (Batwing) for precise and generous illumination of areas
- Pleasant illumination at moderate luminance and directional light
- UGR < 16 through precision-crafted aluminum-reflector-optic 65°

LED direct/indirect luminaire in IP20 for task lighting with integrated PSU and controller. Robust 42 mm x 92 mm (1.65" x 3.62") cross section housing made from extruded and anodized aluminum profile and magnetic aluminum end caps available in silver or black color for pendant installation. Stand-Alone luminaires are delivered with 2 m (6.56') transparent 3 or 5 wires cable (on/off or DALI) open end cable feeded on one-side. Easy continuous row installation and cabling thanks to pre-installed terminal blocs. Specular aluminum reflectors with a 65° beam angle with glare control (UGR < 16). Light source assembled using state of the art automated Reel to Reel (R2R) production process supporting LED Linear™ Tj Away® thin flexible circuit board technology. In combination with ceramic LED packages a thermal resistivity of 14.3 K/W is achieved for an optimal heat dissipation (junction to profile) which guarantees an outstanding lifetime of > 60,000 hrs L80/B10. Embeds high quality japanese LEDs with 3 step MacAdams (SDCM3) binning centered on target CCT (One Bin Only) with an extended photometric code of Wxxx/339 ensuring an exceptional color consistency over the rated lifetime. Premium color rendition with a CRI of > 85 ensuring a remarkable light quality. Protected against electrostatic discharge +/- 2,000 V and polarity miswiring. Fully flicker-free dimmable with constant current reduction (CCR) in combination with PWM. Engineered and produced in Germany.



Pendant



Delivered mounting accessories:

The following accessories will be delivered with the luminaires in appropriate quantities.

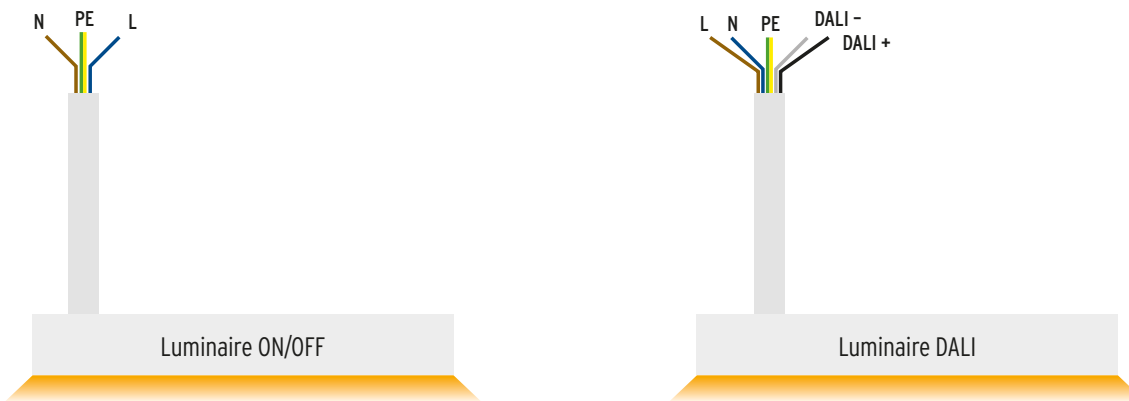
Pendant luminaires (P)

VarioPendant 4292

2 m (6.56') long pendant set with fastening parts.



Cabling



Order matrix

Configure your standard luminaire by completing the order code by the digits not yet defined. →

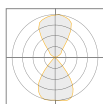
Protection	Mounting	Profile color	Profile	Optic	W/m / W/ft ^a	lm/m / lm/ft ^b	Light intensity	CCT (K)	Control	Voltage (V)	Length (mm / ft) ^c	Stand-Alone/Continuous Row								
Indoor	Pendant	Silver	S	4292 65° Reflectors	6 5	15.3 / 4.7	1,800 / 500	High-Efficiency	H E	2,700	2 7	On/Off	A	230	E	887 / 2.91	0 8 8 7 -	0	Stand-Alone	-SA
						24.8 / 7.6	2,900 / 800	High-Output	H O	3,000	3 0	DALI	C	100-277	W	1,262 / 4.14	1 2 6 2	HE (1,400 lm/m)	1	Continuous Row
		Black	B		40.1 / 12.2	3,900 / 1,100	Super-Output	S O	3,500	3 5				1 5 1 2	HO (2,400 lm/m)	2				
							4,000	4 0												

^a The power consumption refers to the length of the luminous surface under consideration of a 10% loss of the PSU.
^b The performance data refer to the light source standardised to one meter and no power loss of the ballast. Depending on the length and design, the connected wattage increases by the ballast loss, which can range from 7% to 15%. Lumen values according to LED Linear™ Lamp in a thermally steady state operation. The photometrically determined luminous flux can be found by downloading the photometric data (ies / LDT) on our website www.led-linear.com.
^c The lengths listed correspond to Stand-Alone fittings (-SA). Continuous Row (-CR) luminaires are delivered without end caps and therefore have 6 mm shorter lengths. Further information on the content of your standard lighting package, accessory, lifetime as well as the Terms & Conditions and Warranty can be found from page 90 on.

XOOMINAIRE™ 4292 – 25°

Technical information

Dimensions:	42 mm / 1.65" wide, 92 mm / 3.62" high
Lengths (approx):	900 mm / 3', 1,200 mm / 4', 1,500 mm / 5' up to 4,000 mm / 13' possible without light gap
Material:	Anodized aluminum (RAL 9006 is standard)
Lumen power levels (approx):	Direct: 1,800 lm/m, 2,900 lm/m, 3,900 lm/m 500 lm/ft, 800 lm/ft, 1,100 lm/ft Indirect: 1,400 lm/m, 2,400 lm/m / 420 lm/ft, 730 lm/ft
Color temperatures:	2,700 K, 3,000 K, 3,500 K, 4,000 K (other on request) Dynamic light colors IQ White and RGB on request
Color rendering index:	CRI > 85
Lifetime:	L80/~60,000 hrs, please see page 91
Light control:	on/off, DALI
IP-rating:	IP20
Protection class:	⊕



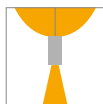
Reflector optic

► 25° – Deep, UGR < 16

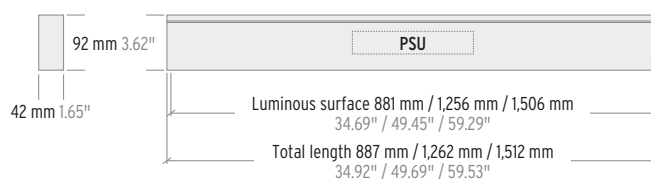
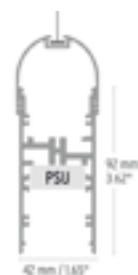
- Precise, deep light distribution for accurate illumination of areas
- Thorough illumination at high luminance and very directional light
- UGR < 16 through precision-crafted aluminum-reflector-optic 25°

LED direct/indirect luminaire in IP20 for task lighting with integrated PSU and controller. Robust 42 mm x 92 mm (1.65" x 3.62") cross section housing made from extruded and anodized aluminum profile and magnetic aluminum end caps available in silver or black color for pendant installation. Stand-Alone luminaires are delivered with 2 m (6.56') transparent 3 or 5 wires cable (on/off or DALI) open end cable feeded on one-side. Easy continuous row installation and cabling thanks to pre-installed terminal blocs. Specular aluminum reflectors with a 25° beam angle with glare control (UGR < 16). Light source assembled using state of the art automated Reel to Reel (R2R) production process supporting LED Linear™ Tj Away® thin flexible circuit board technology. In combination with ceramic LED packages a thermal resistivity of 14.3 K/W is achieved for an optimal heat dissipation (junction to profile) which guarantees an outstanding lifetime of > 60,000 hrs L80/B10. Embeds high quality japanese LEDs with 3 step MacAdams (SDCM3) binning centered on target CCT (One Bin Only) with an extended photometric code of Wxxx/339 ensuring an exceptional color consistency over the rated lifetime. Premium color rendition with a CRI of > 85 ensuring a remarkable light quality. Protected against electrostatic discharge +/- 2,000 V and polarity miswiring. Fully flicker-free dimmable with constant current reduction (CCR) in combination with PWM. Engineered and produced in Germany.

Pendant



Pendant



Delivered mounting accessories:

The following accessories will be delivered with the luminaires in appropriate quantities.

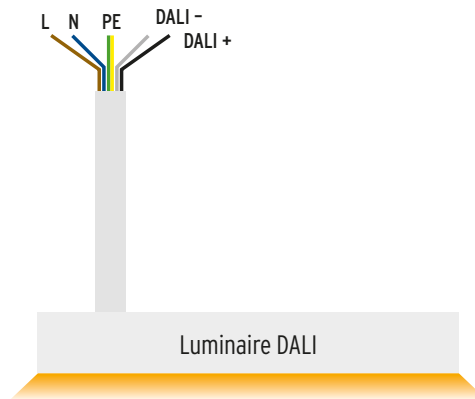
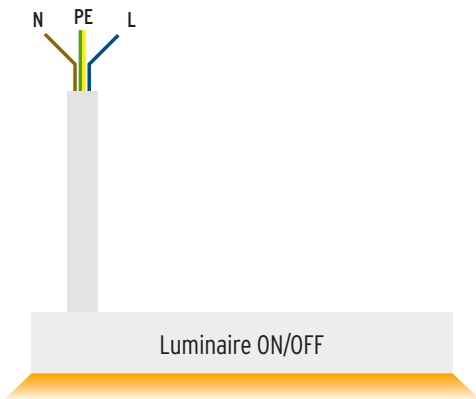
Pendant luminaires (P)

VarioPendant 4292

2 m (6.56') long pendant set with fastening parts.



Cabling



Order matrix

Configure your standard luminaire by completing the order code by the digits not yet defined. →

Protection	Mounting	Profile color	Profile	Optic	W/m / W/ft ^a	lm/m / lm/ft ^b	Light intensity	CCT (K)	Control	Voltage (V)	Length (mm / ft) ^c	Stand-Alone/Continuous Row									
Indoor	Pendant	Silver	S	4292	2 5	15.3 / 4.7	1,800 / 500	High-Efficiency	H E	2,700	2 7	On/Off	A	230	E	887 / 2.91	0 8 8 7 -	0	Stand-Alone	-SA	
									H O	3,000	3 0	DALI	C	100-277	W	1,262 / 4.14	1 2 6 2	HE (1,400 lm/m)	1	Continuous Row	-CR
									S O	3,500	3 5				1,512 / 4.96	1 5 1 2	HO (2,400 lm/m)	2			
				25° Reflectors		40.1 / 12.2	3,900 / 1,100	Super-Output		4,000	4 0										

^a The power consumption refers to the length of the luminous surface under consideration of a 10% loss of the PSU.

^b The performance data refer to the light source standardised to one meter and no power loss of the ballast. Depending on the length and design, the connected wattage increases by the ballast loss, which can range from 7% to 15%. Lumen values according to LED Linear™ Lamp in a thermally steady state operation. The photometrically determined luminous flux can be found by downloading the photometric data (ies / LDT) on our website www.led-linear.com.

^c The lengths listed correspond to Stand-Alone fittings (-SA). Continuous Row (-CR) luminaires are delivered without end caps and therefore have 6 mm shorter lengths. Further information on the content of your standard lighting package, accessory, lifetime as well as the Terms & Conditions and Warranty can be found from page 90 on.

XOOMINAIRE™ 4292 – OW

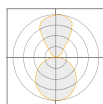
Technical information

Dimensions:	42 mm / 1.65" wide, 92 mm / 3.62" high
Lengths (approx):	900 mm / 3', 1,200 mm / 4', 1,500 mm / 5' up to 4,000 mm / 13' possible without light gap
Material:	Anodized aluminum (RAL 9006 is standard)
Lumen power levels (approx):	Direct: 1,300 lm/m, 2,100 lm/m, 2,700 lm/m 300 lm/ft, 600 lm/ft, 800 lm/ft Indirect: 1,400 lm/m, 2,400 lm/m / 420 lm/ft, 730 lm/ft
Color temperatures:	2,700 K, 3,000 K, 3,500 K, 4,000 K (other on request) Dynamic light colors IQ White and RGB on request
Color rendering index:	CRI > 85
Lifetime:	L80/~60,000 hrs, please see page 91
Light control:	on/off, DALI
IP-rating:	IP40
Protection class:	⊕

Diffuser optic

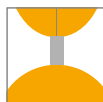
► OW – Opal 40 mm / 1.57" cover, wide (110°)

- All around symmetric and wide light distribution for very uniform illumination
- Optimal viewing comfort with absolutely homogeneous light
- Wide opal PMMA design cover

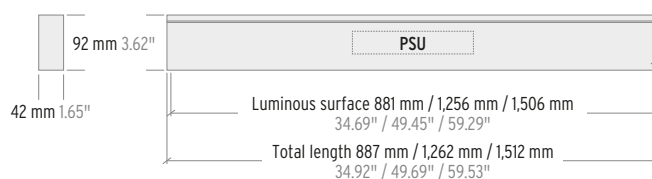
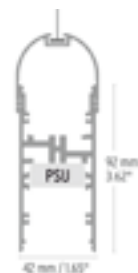


LED direct/indirect luminaire in IP40 for task lighting with integrated PSU and controller. Robust 42 mm x 92 mm (1.65" x 3.62") cross section housing made from extruded and anodized aluminum profile and magnetic aluminum end caps available in silver or black color for pendant or wall installation. Stand-Alone luminaires are delivered with 2 m (6.56') transparent 3 or 5 wires cable (on/off or DALI) open end cable feeded on one-side. Easy continuous row installation and cabling thanks to pre-installed terminal blocs. Opal optics in combination with collimator for an homogenous and efficient wide illumination. Efficient wide diffuse optics for indirect. Light source assembled using state of the art automated Reel to Reel (R2R) production process supporting LED Linear™ Tj Away® thin flexible circuit board technology. In combination with ceramic LED packages a thermal resistivity of 14.3 K/W is achieved for an optimal heat dissipation (junction to profile) which guarantees an outstanding lifetime of > 60,000 hrs L80/B10. Embeds high quality japanese LEDs with 3 step MacAdams (SDCM3) binning centered on target CCT (One Bin Only) with an extended photometric code of Wxxx/339 ensuring an exceptional color consistency over the rated lifetime. Premium color rendition with a CRI of > 85 ensuring a remarkable light quality. Protected against electrostatic discharge +/- 2,000 V and polarity miswiring. Fully flicker-free dimmable with constant current reduction (CCR) in combination with PWM. Engineered and produced in Germany.

Pendant



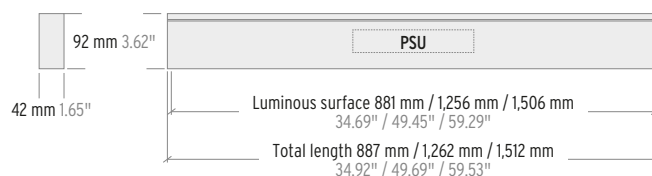
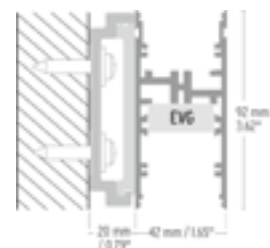
Pendant



Wall-mounted



Wall-mounted



Delivered mounting accessories:

The following accessories will be delivered with the luminaires in appropriate quantities.

Pendant luminaires (P)

VarioPendant 4293

2 m (6.56') long pendant set with fastening parts.



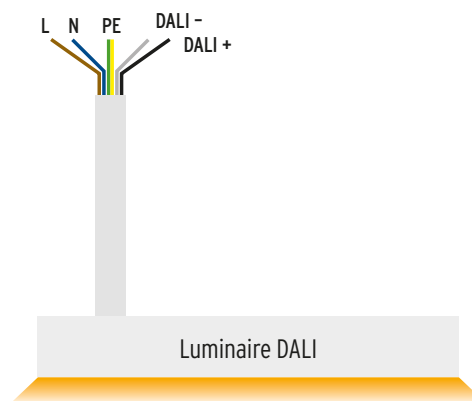
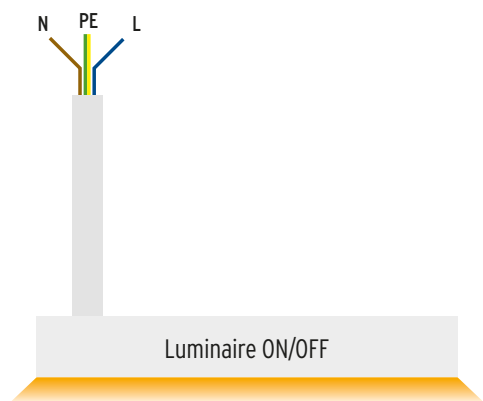
Wall-mount luminaire (W)

XOOMINAIRE™ 4292 Wall-mounting Set

Wall-mounting clamp



Cablings



Order matrix

Configure your standard luminaire by completing the order code by the digits not yet defined. →

Protection	Mounting	Profile color	Profile	Optic	W/m / W/ft ^a	lm/m / lm/ft ^b	Light intensity	CCT (K)	Control	Voltage (V)	Length (mm / ft) ^c	Stand-Alone/ Continuous Row								
Indoor	Pendant	P Silver	S 4292	Opal Wide	O W	15.3 / 4.7	1,300 / 300	High-Efficiency	H E	2,700	2 7	On/Off	A	230	E	887 / 2.91	0 8 8 7 -	0	Stand-Alone	-SA
		W Black	B			24.8 / 7.6	2,100 / 600	High-Output	H O	3,000	3 0	DALI	C	100-277	W	1,262 / 4.14	1 2 6 2	HE (1,400 lm/m)	1	Continuous Row
			40.1 / 12.2			2,700 / 800	Super-Output	S O	3,500	3 5					1,512 / 4.96	1 5 1 2	HO (2,400 lm/m)	2		
	Wall																			

^a The power consumption refers to the length of the luminous surface under consideration of a 10% loss of the PSU.
^b The performance data refer to the light source standardised to one meter and no power loss of the ballast. Depending on the length and design, the connected wattage increases by the ballast loss, which can range from 7% to 15%. Lumen values according to LED Linear™ Lamp in a thermally steady state operation. The photometrically determined luminous flux can be found by downloading the photometric data (ies / LDT) on our website www.led-linear.com.
^c The lengths listed correspond to Stand-Alone fittings (-SA). Continuous Row (-CR) luminaires are delivered without end caps and therefore have 6 mm shorter lengths. Further information on the content of your standard lighting package, accessory, lifetime as well as the Terms & Conditions and Warranty can be found from page 90 on.