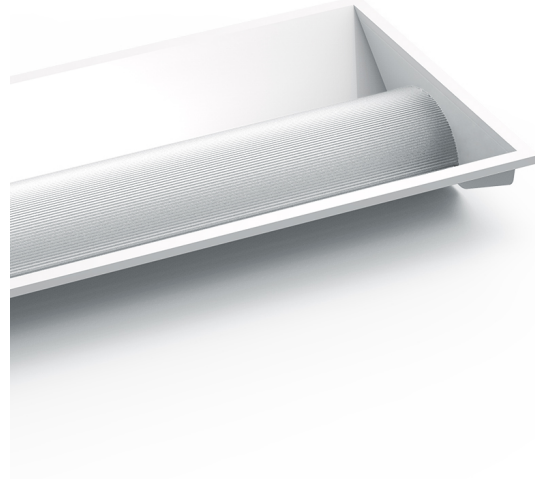


CURVE ADV

Curve Advanced Troffer, CRI >80

FEATURES

- Low-glare curved reflector and even light distribution
- External LED driver for easy maintenance and installation
- Supplied with a choice of different softwiring and hardwiring options
- High efficiency design with >150lm/W output
- Excellent L90B10 lifetime for energy efficient lighting designs
- Flicker free DALI-2 certified LED driver giving excellent compatibility



ORDERING INFORMATION	
Order code	13800
Description	17W Curve Adv Troffer 300x1200mm - 4000K - DALI
Driver Type	DALI DT6 LED Driver
DALI DT6 ~ Includes DALI-2 Driver with full support for DT6 allowing flicker free dimming with compliant DALI-2 Application controllers.	
Item Code	EV-CURVE-ADV-312-17W-DA

MECHANICAL	
Body Material	Cold rolled steel
Diffuser Material	PMMA
Product Finish	Powder coated
Fitting Colour	White
Installation Type	Recessed
IP Rating	IP40

ELECTRICAL	
Electrical Rating	Class II
Input Current	0.09 A
Input Frequency	50 Hz
Input voltage	230Vac
In Australia the Input voltage is defined as 230Vac -6%/+10%. This effectively means that the voltage range of these products are 216Vac - 253Vac or 240V +6%	
Maximum Wattage	17 W
Power Factor	0.95
Switch Type	Via DALI

Working Temp Range	0 to 40 °C
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LAMP	
Macadam Steps (SDCM)	4-step MacAdam Ellipse
CCT Configuration	Single
CRI	>80
Lamp/LED Current	450 mA
Lamp/LED voltage	36 V
System Efficiency	150 lm/W
UGR	<19
UGR (Unified Glare Rating) is reported as per AS/NZS 1680.2 using the following design parameters; room reflectance 0.7/0.5/0.2 (C/W/F), ceiling height 2.7m, LLF=0.8 (Nominal) from the corrected UGR table.	

LED LIFETIME		
LED Lifetime	>54,000 hrs	
This is the Reported LED Lifetime in Hours based on TM-21. Ektor does not list the projected or calculated LED lifetime, which is normally longer as TM-21 Addendum B explicitly states "The Calculated and Projected Lp(Dk) are not to be reported". This Lifetime refers to the life of a single LED however the system life is longer since the probability and binomial distribution of all LEDs in the system means that the average led is performing above the specification and compensates for the LEDs falling below.		
Ambient Temp (°C)	25 °C	40 °C
L90B10	53,000 hrs	53,000 hrs
L80B10	>54,000 hrs	>54,000 hrs
L70B10	>54,000 hrs	>54,000 hrs

This rating defines the performance of the led within its lifetime. L relates to lumen depreciation, where the proceeding number gives the resultant lumen output at the end of it reported lifetime. L70, would mean 30% lumen depreciation which means 70% of its initial output and is tested accordingly to TM-21. The B part refers to failures, which can be define as the percentage of LEDs which fall below the L value in the projected lifetime. A value of B10 refers to 10% failure and a value of B50 refers to 50% failure. After the defined lifetime, the system will reach the defined lumen depreciation and the average led



failures is defined by the B rating. The B rating is defined in and tested to IEC62717.

TM-21 Test Hours	9000 hrs
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COLOUR TEMPERATURE

CCT	4000 K
Luminaire Lumens	2550 lm

All photometric data has a tolerance of $\pm 10\%$. Luminaire lumens refers to the exit lumens or delivered lumens from the luminaire.

DRIVER

Dimmable	Yes
Driver Included	Yes
Integrated Driver	No
Driver Mode	Constant Current
Driver Type	DALI DT6 LED Driver

DALI DT6 ~ Includes DALI-2 Driver with full support for DT6 allowing flicker free dimming with compliant DALI-2 Application controllers.

Wiring Type	Re-wireable terminal block (4 pin)
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COMPLIANCE

Product Design Life	8 years
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The product design life relates to the total product life which includes LEDs, drivers and the enclosure. This is different to the LED lifetime which only refers to the economical lifetime of the LEDs at which time the lumen output has dropped below the L Value. The product design life is calculated at the maximum ambient or working temperature of the product and takes into account the Daily Use.

Daily Use	16 hrs
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The Daily Use is the recommended time required to meet the product's design life. Installations can exceed this time, however the product design life will be reduced proportionally.

Standards	AS/NZS 60598.1 AS/NZS 60598.2.2 AS/NZS 61347.1 AS/NZS 61347.2.13 IEC/TR 62778 IEC 62031 AS CISPR 15 IEC 62386-102 IEC 62386-207
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WARRANTY

Commercial Use Warranty	5 RTB (Total 5 Years)
Warranty Operating Hours	30000 hrs

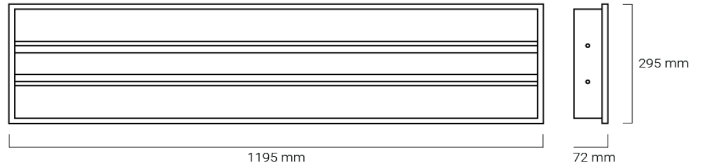
This product is provided with a warranty up until the stated warranty period or until the stated warranty operating hours has been reached (whichever occurs first).

DIMENSIONS

Product Height	72 mm
Product Length	1195 mm
Product Width	295 mm

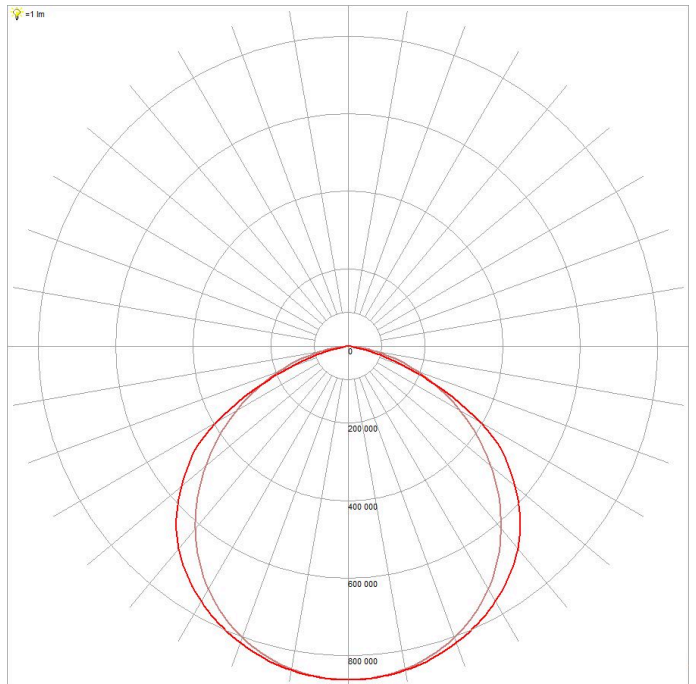
LINE DRAWINGS

EV/CURVE/ADV/312



PHOTOMETRICS

EV/CURVE/ADV/312/17W

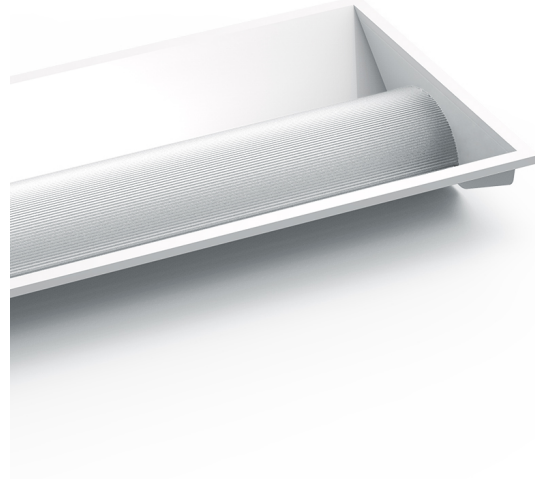


CURVE ADV

Curve Advanced Troffer, CRI >80

FEATURES

- Low-glare curved reflector and even light distribution
- External LED driver for easy maintenance and installation
- Supplied with a choice of different softwiring and hardwiring options
- High efficiency design with >150Lm/W output
- Excellent L90B10 lifetime for energy efficient lighting designs
- Flicker free DALI-2 certified LED driver giving excellent compatibility



ORDERING INFORMATION	
Order code	13801
Description	17W Curve Adv Troffer 300x1200mm - 4000K - DALI - CMS Plug
Driver Type	DALI DT6 LED Driver
DALI DT6 ~ Includes DALI-2 Driver with full support for DT6 allowing flicker free dimming with compliant DALI-2 Application controllers.	
Item Code	EV-CURVE-ADV-312-17W-DC

MECHANICAL	
Body Material	Cold rolled steel
Diffuser Material	PMMA
Product Finish	Powder coated
Fitting Colour	White
Installation Type	Recessed
IP Rating	IP40

ELECTRICAL	
Electrical Rating	Class II
Input Current	0.09 A
Input Frequency	50 Hz
Input voltage	230Vac
In Australia the Input voltage is defined as 230Vac -6%/+10%. This effectively means that the voltage range of these products are 216Vac - 253Vac or 240V +6%	
Maximum Wattage	17 W
Power Factor	0.95

Switch Type	Via DALI
Working Temp Range	0 to 40 °C

LAMP	
Macadam Steps (SDCM)	4-step MacAdam Ellipse
CCT Configuration	Single
CRI	>80
Lamp/LED Current	450 mA
Lamp/LED voltage	36 V
System Efficiency	150 lm/W
UGR	<19
UGR (Unified Glare Rating) is reported as per AS/NZS 1680.2 using the following design parameters; room reflectance 0.7/0.5/0.2 (C/W/F), ceiling height 2.7m, LLF=0.8 (Nominal) from the corrected UGR table.	

LED LIFETIME		
LED Lifetime	>54,000 hrs	
This is the Reported LED Lifetime in Hours based on TM-21. Ektor does not list the projected or calculated LED lifetime, which is normally longer as TM-21 Addendum B explicitly states "The Calculated and Projected Lp(Dk) are not to be reported". This Lifetime refers to the life of a single LED however the system life is longer since the probability and binomial distribution of all LEDs in the system means that the average led is performing above the specification and compensates for the LEDs falling below.		
Ambient Temp (°C)	25 °C	40 °C
L90B10	53,000 hrs	53,000 hrs
L80B10	>54,000 hrs	>54,000 hrs
L70B10	>54,000 hrs	>54,000 hrs

This rating defines the performance of the led within its lifetime. L relates to lumen depreciation, where the proceeding number gives the resultant lumen output at the end of it reported lifetime. L70, would mean 30% lumen depreciation which means 70% of its initial output and is tested accordingly to TM-21. The B part refers to failures, which can be define as the percentage of LEDs which fall below the L value in the projected lifetime. A value of B10 refers



to 10% failure and a value of B50 refers to 50% failure. After the defined lifetime, the system will reach the defined lumen depreciation and the average led failures is defined by the B rating. The B rating is defined in and tested to IEC62717.

TM-21 Test Hours	9000 hrs
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COLOUR TEMPERATURE

CCT	4000 K
Luminaire Lumens	2550 lm

All photometric data has a tolerance of $\pm 10\%$. Luminaire lumens refers to the exit lumens or delivered lumens from the luminaire.

DRIVER

Dimmable	Yes
Driver Included	Yes
Integrated Driver	No
Driver Mode	Constant Current
Driver Type	DALI DT6 LED Driver

DALI DT6 ~ Includes DALI-2 Driver with full support for DT6 allowing flicker free dimming with compliant DALI-2 Application controllers.

Flex & Plug or Lead Length	2400 mm
Wiring Type	CMS Plug (5 pin)

CMS ~ Supplied with a CMS Electracom- 5 pin plug to suit QF series wiring, model number QFP3AT

COMPLIANCE

Product Design Life	8 years
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The product design life relates to the total product life which includes LEDs, drivers and the enclosure. This is different to the LED lifetime which only refers to the economical lifetime of the LEDs at which time the lumen output has dropped below the L Value. The product design life is calculated at the maximum ambient or working temperature of the product and takes into account the Daily Use.

Daily Use	16 hrs
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The Daily Use is the recommended time required to meet the product's design life. Installations can exceed this time, however the product design life will be reduced proportionally.

Standards	AS/NZS 60598.1 AS/NZS 60598.2.2 AS/NZS 61347.1 AS/NZS 61347.2.13 IEC/TR 62778 IEC 62031 AS/NZS 61535.1 AS CISPR 15 IEC 62386-102 IEC 62386-207
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WARRANTY

Commercial Use Warranty	5 RTB (Total 5 Years)
Warranty Operating Hours	30000 hrs

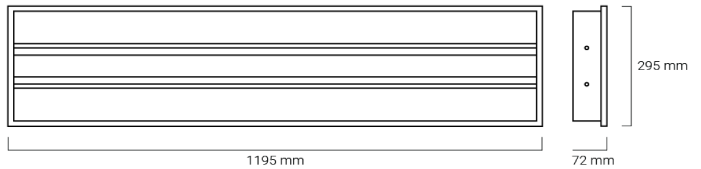
This product is provided with a warranty up until the stated warranty period or until the stated warranty operating hours has been reached (whichever occurs first).

DIMENSIONS

Product Height	72 mm
Product Length	1195 mm
Product Width	295 mm

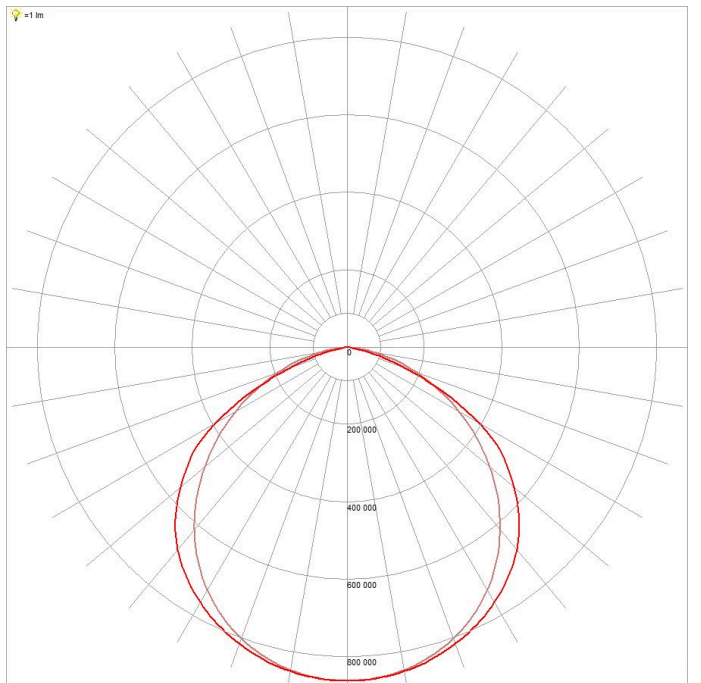
LINE DRAWINGS

EV/CURVE/ADV/312



PHOTOMETRICS

EV/CURVE/ADV/312/17W

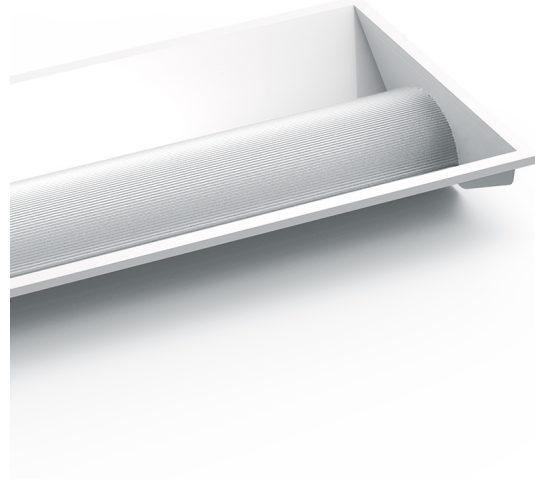


CURVE ADV

Curve Advanced Troffer, CRI >80

FEATURES

- Low-glare curved reflector and even light distribution
- External LED driver for easy maintenance and installation
- Supplied with a choice of different softwiring and hardwiring options
- High efficiency design with >150Lm/W output
- Excellent L90B10 lifetime for energy efficient lighting designs
- Flicker free DALI-2 certified LED driver giving excellent compatibility



ORDERING INFORMATION	
Order code	13802
Description	17W Curve Adv Troffer 300x1200mm - 4000K - DALI - Wire by Click Plug
Driver Type	DALI DT6 LED Driver
DALI DT6 ~ Includes DALI-2 Driver with full support for DT6 allowing flicker free dimming with compliant DALI-2 Application controllers.	
Item Code	EV-CURVE-ADV-312-17W-DW

MECHANICAL	
Body Material	Cold rolled steel
Diffuser Material	PMMA
Product Finish	Powder coated
Fitting Colour	White
Installation Type	Recessed
IP Rating	IP40

ELECTRICAL	
Electrical Rating	Class II
Input Current	0.09 A
Input Frequency	50 Hz
Input voltage	230Vac
In Australia the Input voltage is defined as 230Vac -6%/+10%. This effectively means that the voltage range of these products are 216Vac - 253Vac or 240V +6%	
Maximum Wattage	17 W
Power Factor	0.95

Switch Type	Via DALI
Working Temp Range	0 to 40 °C

LAMP	
Macadam Steps (SDCM)	4-step MacAdam Ellipse
CCT Configuration	Single
CRI	>80
Lamp/LED Current	450 mA
Lamp/LED voltage	36 V
System Efficiency	150 lm/W
UGR	<19
UGR (Unified Glare Rating) is reported as per AS/NZS 1680.2 using the following design parameters; room reflectance 0.7/0.5/0.2 (C/W/F), ceiling height 2.7m, LLF=0.8 (Nominal) from the corrected UGR table.	

LED LIFETIME		
LED Lifetime	>54,000 hrs	
This is the Reported LED Lifetime in Hours based on TM-21. Ektor does not list the projected or calculated LED lifetime, which is normally longer as TM-21 Addendum B explicitly states "The Calculated and Projected Lp(Dk) are not to be reported". This Lifetime refers to the life of a single LED however the system life is longer since the probability and binomial distribution of all LEDs in the system means that the average led is performing above the specification and compensates for the LEDs falling below.		
Ambient Temp (°C)	25 °C	40 °C
L90B10	53,000 hrs	53,000 hrs
L80B10	>54,000 hrs	>54,000 hrs
L70B10	>54,000 hrs	>54,000 hrs

This rating defines the performance of the led within its lifetime. L relates to lumen depreciation, where the proceeding number gives the resultant lumen output at the end of it reported lifetime. L70, would mean 30% lumen depreciation which means 70% of its initial output and is tested accordingly to TM-21. The B part refers to failures, which can be define as the percentage of LEDs which fall below the L value in the projected lifetime. A value of B10 refers



to 10% failure and a value of B50 refers to 50% failure. After the defined lifetime, the system will reach the defined lumen depreciation and the average led failures is defined by the B rating. The B rating is defined in and tested to IEC62717.

TM-21 Test Hours	9000 hrs
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COLOUR TEMPERATURE

CCT	4000 K
Luminaire Lumens	2550 lm

All photometric data has a tolerance of $\pm 10\%$. Luminaire lumens refers to the exit lumens or delivered lumens from the luminaire.

DRIVER

Dimmable	Yes
Driver Included	Yes
Integrated Driver	No
Driver Mode	Constant Current
Driver Type	DALI DT6 LED Driver

DALI DT6 ~ Includes DALI-2 Driver with full support for DT6 allowing flicker free dimming with compliant DALI-2 Application controllers.

Flex & Plug or Lead Length	2400 mm
Wiring Type	WBC Plug (5 pin)

WBC ~ Supplied with a Wire by click- 5 pin plug, model number LA1025/5

COMPLIANCE

Product Design Life	8 years
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The product design life relates to the total product life which includes LEDs, drivers and the enclosure. This is different to the LED lifetime which only refers to the economical lifetime of the LEDs at which time the lumen output has dropped below the L Value. The product design life is calculated at the maximum ambient or working temperature of the product and takes into account the Daily Use.

Daily Use	16 hrs
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The Daily Use is the recommended time required to meet the product's design life. Installations can exceed this time, however the product design life will be reduced proportionally.

Standards	AS/NZS 60598.1 AS/NZS 60598.2.2 AS/NZS 61347.1 AS/NZS 61347.2.13 IEC/TR 62778 IEC 62031 AS/NZS 61535.1 AS CISPR 15 IEC 62386-102 IEC 62386-207
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WARRANTY

Commercial Use Warranty	5 RTB (Total 5 Years)
Warranty Operating Hours	30000 hrs

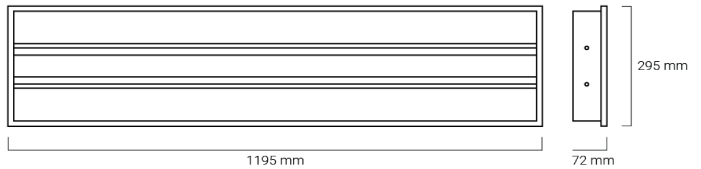
This product is provided with a warranty up until the stated warranty period or until the stated warranty operating hours has been reached (whichever occurs first).

DIMENSIONS

Product Height	72 mm
Product Length	1195 mm
Product Width	295 mm

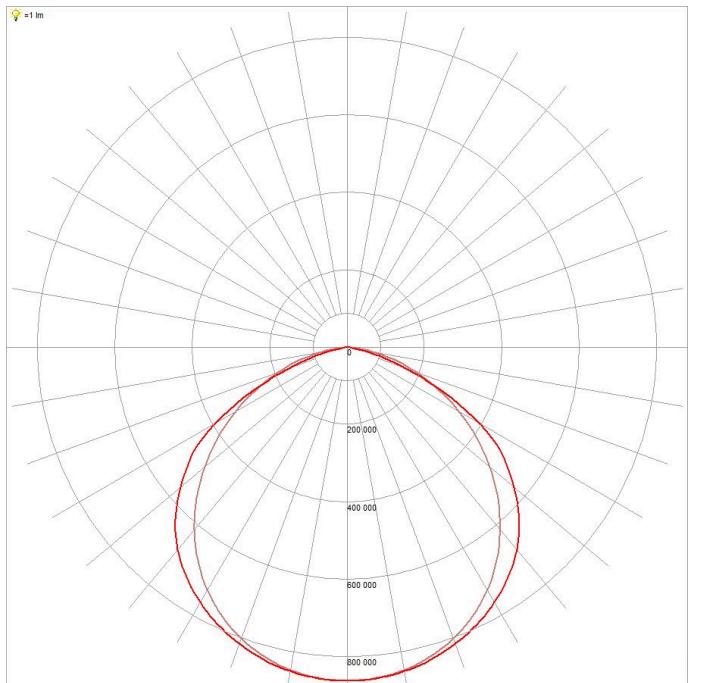
LINE DRAWINGS

EV/CURVE/ADV/312



PHOTOMETRICS

EV/CURVE/ADV/312/17W

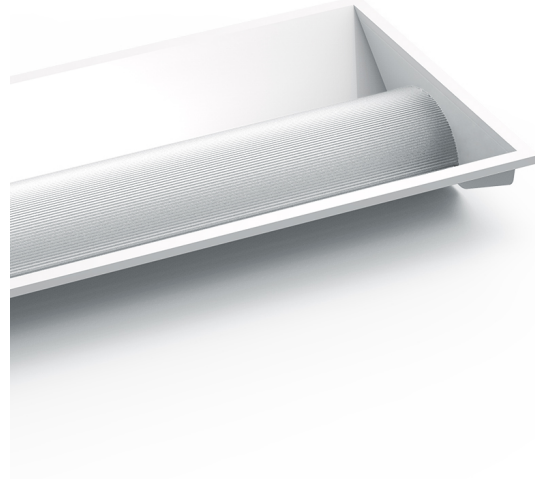


CURVE ADV

Curve Advanced Troffer, CRI >80

FEATURES

- Low-glare curved reflector and even light distribution
- External LED driver for easy maintenance and installation
- Supplied with a choice of different softwiring and hardwiring options
- High efficiency design with >150lm/W output
- Excellent L90B10 lifetime for energy efficient lighting designs
- Flicker free DALI-2 certified LED driver giving excellent compatibility



ORDERING INFORMATION	
Order code	13700
Description	19W Curve Adv Troffer 300x1200mm - 4000K - DALI
Driver Type	DALI DT6 LED Driver
DALI DT6 ~ Includes DALI-2 Driver with full support for DT6 allowing flicker free dimming with compliant DALI-2 Application controllers.	
Item Code	EV-CURVE-ADV-312-19W-DA

MECHANICAL	
Body Material	Cold rolled steel
Diffuser Material	PMMA
Product Finish	Powder coated
Fitting Colour	White
Installation Type	Recessed
IP Rating	IP40

ELECTRICAL	
Electrical Rating	Class II
Input Current	0.1 A
Input Frequency	50 Hz
Input voltage	230Vac
In Australia the Input voltage is defined as 230Vac -6%/+10%. This effectively means that the voltage range of these products are 216Vac - 253Vac or 240V +6%	
Maximum Wattage	19 W
Power Factor	0.95
Switch Type	Via DALI

Working Temp Range	0 to 40 °C
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LAMP	
Macadam Steps (SDCM)	4-step MacAdam Ellipse
CCT Configuration	Single
CRI	>80
Lamp/LED Current	500 mA
Lamp/LED voltage	36 V
System Efficiency	153 lm/W
UGR	<19
UGR (Unified Glare Rating) is reported as per AS/NZS 1680.2 using the following design parameters; room reflectance 0.7/0.5/0.2 (C/W/F), ceiling height 2.7m, LLF=0.8 (Nominal) from the corrected UGR table.	

LED LIFETIME		
LED Lifetime	>54,000 hrs	
This is the Reported LED Lifetime in Hours based on TM-21. Ektor does not list the projected or calculated LED lifetime, which is normally longer as TM-21 Addendum B explicitly states "The Calculated and Projected Lp(Dk) are not to be reported". This Lifetime refers to the life of a single LED however the system life is longer since the probability and binomial distribution of all LEDs in the system means that the average led is performing above the specification and compensates for the LEDs falling below.		
Ambient Temp (°C)	25 °C	40 °C
L90B10	53,000 hrs	53,000 hrs
L80B10	>54,000 hrs	>54,000 hrs
L70B10	>54,000 hrs	>54,000 hrs

This rating defines the performance of the led within its lifetime. L relates to lumen depreciation, where the proceeding number gives the resultant lumen output at the end of it reported lifetime. L70, would mean 30% lumen depreciation which means 70% of its initial output and is tested accordingly to TM-21. The B part refers to failures, which can be define as the percentage of LEDs which fall below the L value in the projected lifetime. A value of B10 refers to 10% failure and a value of B50 refers to 50% failure. After the defined lifetime, the system will reach the defined lumen depreciation and the average led



failures is defined by the B rating. The B rating is defined in and tested to IEC62717.

TM-21 Test Hours	9000 hrs
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COLOUR TEMPERATURE

CCT	4000 K
Luminaire Lumens	2900 lm

All photometric data has a tolerance of $\pm 10\%$. Luminaire lumens refers to the exit lumens or delivered lumens from the luminaire.

DRIVER

Dimmable	Yes
Driver Included	Yes
Integrated Driver	No
Driver Mode	Constant Current
Driver Type	DALI DT6 LED Driver

DALI DT6 ~ Includes DALI-2 Driver with full support for DT6 allowing flicker free dimming with compliant DALI-2 Application controllers.

Wiring Type	Re-wireable terminal block (4 pin)
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COMPLIANCE

Product Design Life	8 years
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The product design life relates to the total product life which includes LEDs, drivers and the enclosure. This is different to the LED lifetime which only refers to the economical lifetime of the LEDs at which time the lumen output has dropped below the L Value. The product design life is calculated at the maximum ambient or working temperature of the product and takes into account the Daily Use.

Daily Use	16 hrs
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The Daily Use is the recommended time required to meet the product's design life. Installations can exceed this time, however the product design life will be reduced proportionally.

Standards	AS/NZS 60598.1 AS/NZS 60598.2.2 AS/NZS 61347.1 AS/NZS 61347.2.13 IEC/TR 62778 IEC 62031 AS CISPR 15 IEC 62386-102 IEC 62386-207
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WARRANTY

Commercial Use Warranty	5 RTB (Total 5 Years)
Warranty Operating Hours	30000 hrs

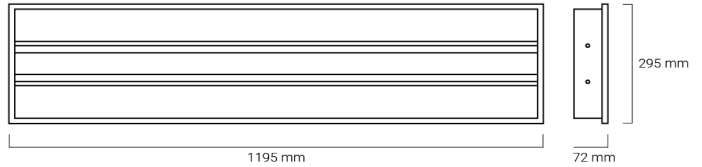
This product is provided with a warranty up until the stated warranty period or until the stated warranty operating hours has been reached (whichever occurs first).

DIMENSIONS

Product Height	72 mm
Product Length	1195 mm
Product Width	295 mm

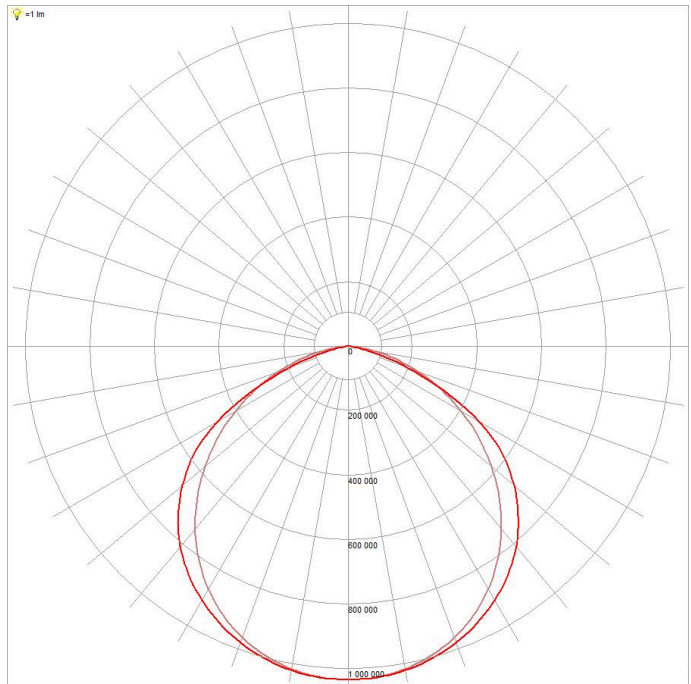
LINE DRAWINGS

EV/CURVE/ADV/312



PHOTOMETRICS

EV/CURVE/ADV/312/19W

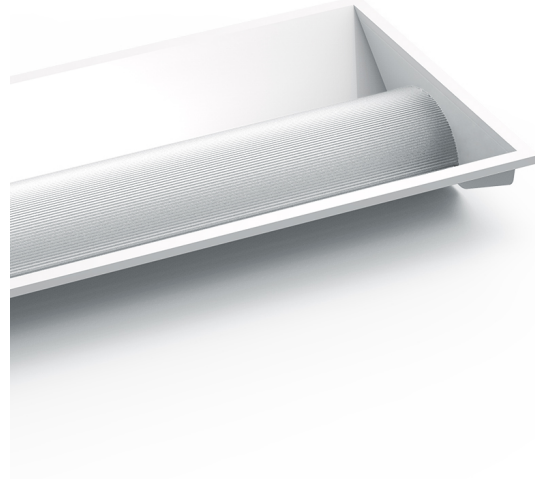


CURVE ADV

Curve Advanced Troffer, CRI >80

FEATURES

- Low-glare curved reflector and even light distribution
- External LED driver for easy maintenance and installation
- Supplied with a choice of different softwiring and hardwiring options
- High efficiency design with >150Lm/W output
- Excellent L90B10 lifetime for energy efficient lighting designs
- Flicker free DALI-2 certified LED driver giving excellent compatibility



ORDERING INFORMATION	
Order code	13701
Description	19W Curve Adv Troffer 300x1200mm - 4000K - DALI - CMS Plug
Driver Type	DALI DT6 LED Driver
DALI DT6 ~ Includes DALI-2 Driver with full support for DT6 allowing flicker free dimming with compliant DALI-2 Application controllers.	
Item Code	EV-CURVE-ADV-312-19W-DC

MECHANICAL	
Body Material	Cold rolled steel
Diffuser Material	PMMA
Product Finish	Powder coated
Fitting Colour	White
Installation Type	Recessed
IP Rating	IP40

ELECTRICAL	
Electrical Rating	Class II
Input Current	0.1 A
Input Frequency	50 Hz
Input voltage	230Vac
In Australia the Input voltage is defined as 230Vac -6%/+10%. This effectively means that the voltage range of these products are 216Vac - 253Vac or 240V +6%	
Maximum Wattage	19 W
Power Factor	0.95

Switch Type	Via DALI
Working Temp Range	0 to 40 °C

LAMP	
Macadam Steps (SDCM)	4-step MacAdam Ellipse
CCT Configuration	Single
CRI	>80
Lamp/LED Current	500 mA
Lamp/LED voltage	36 V
System Efficiency	153 lm/W
UGR	<19
UGR (Unified Glare Rating) is reported as per AS/NZS 1680.2 using the following design parameters; room reflectance 0.7/0.5/0.2 (C/W/F), ceiling height 2.7m, LLF=0.8 (Nominal) from the corrected UGR table.	

LED LIFETIME		
LED Lifetime	>54,000 hrs	
This is the Reported LED Lifetime in Hours based on TM-21. Ektor does not list the projected or calculated LED lifetime, which is normally longer as TM-21 Addendum B explicitly states "The Calculated and Projected Lp(Dk) are not to be reported". This Lifetime refers to the life of a single LED however the system life is longer since the probability and binomial distribution of all LEDs in the system means that the average led is performing above the specification and compensates for the LEDs falling below.		
Ambient Temp (°C)	25 °C	40 °C
L90B10	53,000 hrs	53,000 hrs
L80B10	>54,000 hrs	>54,000 hrs
L70B10	>54,000 hrs	>54,000 hrs

This rating defines the performance of the led within its lifetime. L relates to lumen depreciation, where the proceeding number gives the resultant lumen output at the end of it reported lifetime. L70, would mean 30% lumen depreciation which means 70% of its initial output and is tested accordingly to TM-21. The B part refers to failures, which can be define as the percentage of LEDs which fall below the L value in the projected lifetime. A value of B10 refers



to 10% failure and a value of B50 refers to 50% failure. After the defined lifetime, the system will reach the defined lumen depreciation and the average led failures is defined by the B rating. The B rating is defined in and tested to IEC62717.

TM-21 Test Hours	9000 hrs
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COLOUR TEMPERATURE

CCT	4000 K
Luminaire Lumens	2900 lm

All photometric data has a tolerance of ±10%. Luminaire lumens refers to the exit lumens or delivered lumens from the luminaire.

DRIVER

Dimmable	Yes
Driver Included	Yes
Integrated Driver	No
Driver Mode	Constant Current
Driver Type	DALI DT6 LED Driver

DALI DT6 ~ Includes DALI-2 Driver with full support for DT6 allowing flicker free dimming with compliant DALI-2 Application controllers.

Flex & Plug or Lead Length	2400 mm
Wiring Type	CMS Plug (5 pin)

CMS ~ Supplied with a CMS Electracom- 5 pin plug to suit QF series wiring, model number QFP3AT

COMPLIANCE

Product Design Life	8 years
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The product design life relates to the total product life which includes LEDs, drivers and the enclosure. This is different to the LED lifetime which only refers to the economical lifetime of the LEDs at which time the lumen output has dropped below the L Value. The product design life is calculated at the maximum ambient or working temperature of the product and takes into account the Daily Use.

Daily Use	16 hrs
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The Daily Use is the recommended time required to meet the product's design life. Installations can exceed this time, however the product design life will be reduced proportionally.

Standards	AS/NZS 60598.1 AS/NZS 60598.2.2 AS/NZS 61347.1 AS/NZS 61347.2.13 IEC/TR 62778 IEC 62031 AS/NZS 61535.1 AS CISPR 15 IEC 62386-102 IEC 62386-207
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WARRANTY

Commercial Use Warranty	5 RTB (Total 5 Years)
Warranty Operating Hours	30000 hrs

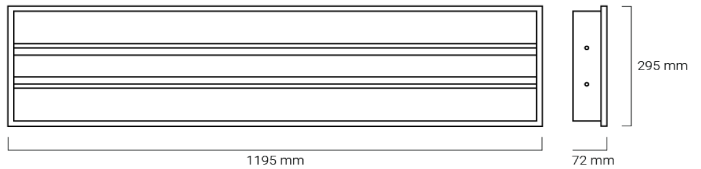
This product is provided with a warranty up until the stated warranty period or until the stated warranty operating hours has been reached (whichever occurs first).

DIMENSIONS

Product Height	72 mm
Product Length	1195 mm
Product Width	295 mm

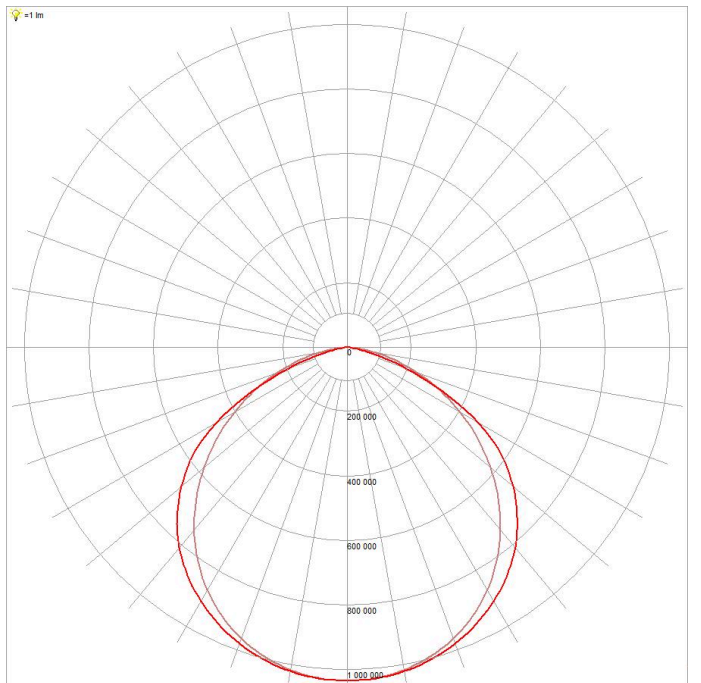
LINE DRAWINGS

EV/CURVE/ADV/312



PHOTOMETRICS

EV/CURVE/ADV/312/19W

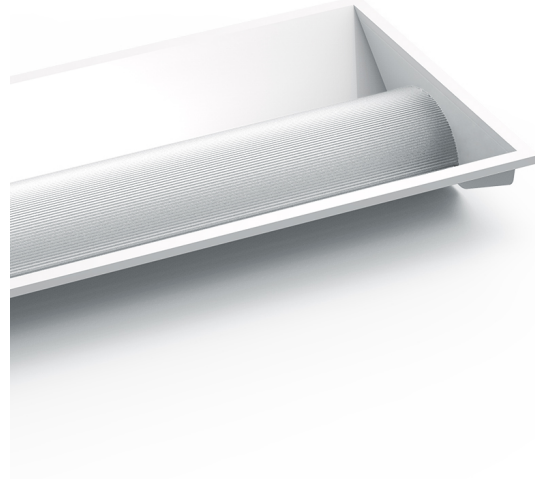


CURVE ADV

Curve Advanced Troffer, CRI >80

FEATURES

- Low-glare curved reflector and even light distribution
- External LED driver for easy maintenance and installation
- Supplied with a choice of different softwiring and hardwiring options
- High efficiency design with >150Lm/W output
- Excellent L90B10 lifetime for energy efficient lighting designs
- Flicker free DALI-2 certified LED driver giving excellent compatibility



ORDERING INFORMATION	
Order code	13702
Description	19W Curve Adv Troffer 300x1200mm - 4000K - DALI - Wire by Click Plug
Driver Type	DALI DT6 LED Driver
DALI DT6 ~ Includes DALI-2 Driver with full support for DT6 allowing flicker free dimming with compliant DALI-2 Application controllers.	
Item Code	EV-CURVE-ADV-312-19W-DW

MECHANICAL	
Body Material	Cold rolled steel
Diffuser Material	PMMA
Product Finish	Powder coated
Fitting Colour	White
Installation Type	Recessed
IP Rating	IP40

ELECTRICAL	
Electrical Rating	Class II
Input Current	0.1 A
Input Frequency	50 Hz
Input voltage	230Vac
In Australia the Input voltage is defined as 230Vac -6%/+10%. This effectively means that the voltage range of these products are 216Vac - 253Vac or 240V +6%	
Maximum Wattage	19 W
Power Factor	0.95

Switch Type	Via DALI
Working Temp Range	0 to 40 °C

LAMP	
Macadam Steps (SDCM)	4-step MacAdam Ellipse
CCT Configuration	Single
CRI	>80
Lamp/LED Current	500 mA
Lamp/LED voltage	36 V
System Efficiency	153 lm/W
UGR	<19
UGR (Unified Glare Rating) is reported as per AS/NZS 1680.2 using the following design parameters; room reflectance 0.7/0.5/0.2 (C/W/F), ceiling height 2.7m, LLF=0.8 (Nominal) from the corrected UGR table.	

LED LIFETIME		
LED Lifetime	>54,000 hrs	
This is the Reported LED Lifetime in Hours based on TM-21. Ektor does not list the projected or calculated LED lifetime, which is normally longer as TM-21 Addendum B explicitly states "The Calculated and Projected Lp(Dk) are not to be reported". This Lifetime refers to the life of a single LED however the system life is longer since the probability and binomial distribution of all LEDs in the system means that the average led is performing above the specification and compensates for the LEDs falling below.		
Ambient Temp (°C)	25 °C	40 °C
L90B10	53,000 hrs	53,000 hrs
L80B10	>54,000 hrs	>54,000 hrs
L70B10	>54,000 hrs	>54,000 hrs

This rating defines the performance of the led within its lifetime. L relates to lumen depreciation, where the proceeding number gives the resultant lumen output at the end of it reported lifetime. L70, would mean 30% lumen depreciation which means 70% of its initial output and is tested accordingly to TM-21. The B part refers to failures, which can be define as the percentage of LEDs which fall below the L value in the projected lifetime. A value of B10 refers



to 10% failure and a value of B50 refers to 50% failure. After the defined lifetime, the system will reach the defined lumen depreciation and the average led failures is defined by the B rating. The B rating is defined in and tested to IEC62717.

TM-21 Test Hours	9000 hrs
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COLOUR TEMPERATURE

CCT	4000 K
Luminaire Lumens	2900 lm

All photometric data has a tolerance of $\pm 10\%$. Luminaire lumens refers to the exit lumens or delivered lumens from the luminaire.

DRIVER

Dimmable	Yes
Driver Included	Yes
Integrated Driver	No
Driver Mode	Constant Current
Driver Type	DALI DT6 LED Driver

DALI DT6 ~ Includes DALI-2 Driver with full support for DT6 allowing flicker free dimming with compliant DALI-2 Application controllers.

Flex & Plug or Lead Length	2400 mm
Wiring Type	WBC Plug (5 pin)

WBC ~ Supplied with a Wire by click- 5 pin plug, model number LA1025/5

COMPLIANCE

Product Design Life	8 years
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The product design life relates to the total product life which includes LEDs, drivers and the enclosure. This is different to the LED lifetime which only refers to the economical lifetime of the LEDs at which time the lumen output has dropped below the L Value. The product design life is calculated at the maximum ambient or working temperature of the product and takes into account the Daily Use.

Daily Use	16 hrs
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The Daily Use is the recommended time required to meet the product's design life. Installations can exceed this time, however the product design life will be reduced proportionally.

Standards	AS/NZS 60598.1 AS/NZS 60598.2.2 AS/NZS 61347.1 AS/NZS 61347.2.13 IEC/TR 62778 IEC 62031 AS/NZS 61535.1 AS CISPR 15 IEC 62386-102 IEC 62386-207
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WARRANTY

Commercial Use Warranty	5 RTB (Total 5 Years)
Warranty Operating Hours	30000 hrs

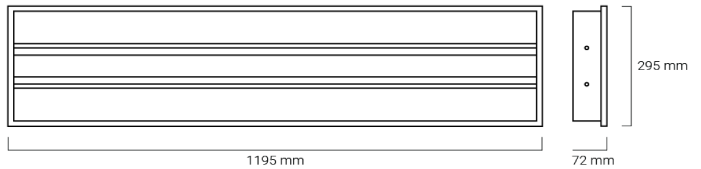
This product is provided with a warranty up until the stated warranty period or until the stated warranty operating hours has been reached (whichever occurs first).

DIMENSIONS

Product Height	72 mm
Product Length	1195 mm
Product Width	295 mm

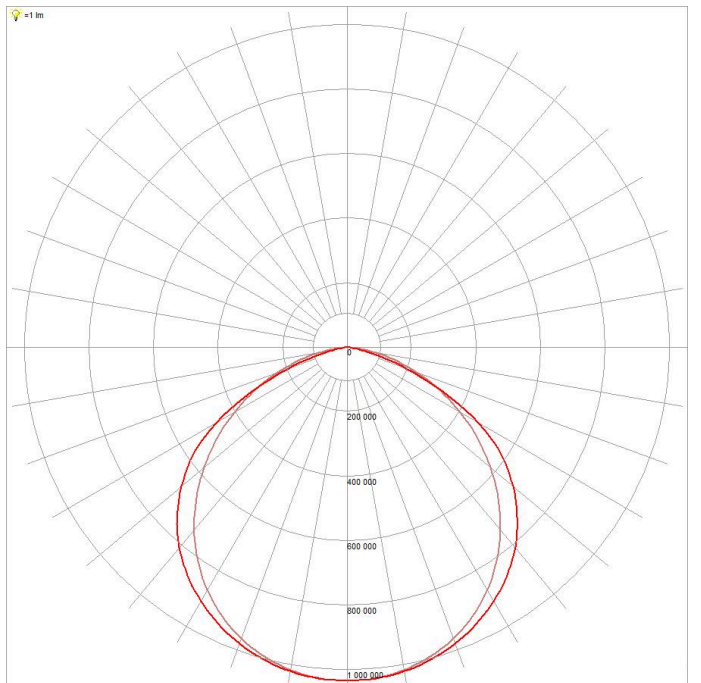
LINE DRAWINGS

EV/CURVE/ADV/312



PHOTOMETRICS

EV/CURVE/ADV/312/19W

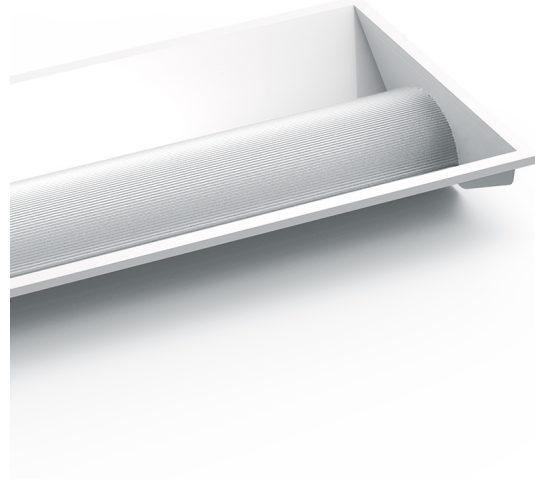


CURVE ADV

Curve Advanced Troffer, CRI >80

FEATURES

- Low-glare curved reflector and even light distribution
- External LED driver for easy maintenance and installation
- Supplied with a choice of different softwiring and hardwiring options
- High efficiency design with >150Lm/W output
- Excellent L90B10 lifetime for energy efficient lighting designs
- Flicker free DALI-2 certified LED driver giving excellent compatibility



ORDERING INFORMATION	
Order code	13559
Description	22W Curve Adv Troffer 300x1200mm - 4000K - DALI
Driver Type	DALI DT6 LED Driver
DALI DT6 ~ Includes DALI-2 Driver with full support for DT6 allowing flicker free dimming with compliant DALI-2 Application controllers.	
Item Code	EV-CURVE-ADV-312-22W-DA

MECHANICAL	
Body Material	Cold rolled steel
Diffuser Material	PMMA
Product Finish	Powder coated
Fitting Colour	White
Installation Type	Recessed
IP Rating	IP40

ELECTRICAL	
Electrical Rating	Class II
Input Current	0.11 A
Input Frequency	50 Hz
Input voltage	230Vac
In Australia the Input voltage is defined as 230Vac -6%/+10%. This effectively means that the voltage range of these products are 216Vac - 253Vac or 240V +6%	
Maximum Wattage	22 W
Power Factor	0.95
Switch Type	Via DALI

Working Temp Range	0 to 40 °C
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LAMP	
Macadam Steps (SDCM)	4-step MacAdam Ellipse
CCT Configuration	Single
CRI	>80
Lamp/LED Current	600 mA
Lamp/LED voltage	36 V
System Efficiency	157 lm/W
UGR	<22
UGR (Unified Glare Rating) is reported as per AS/NZS 1680.2 using the following design parameters; room reflectance 0.7/0.5/0.2 (C/W/F), ceiling height 2.7m, LLF=0.8 (Nominal) from the corrected UGR table.	

LED LIFETIME		
LED Lifetime	>54,000 hrs	
This is the Reported LED Lifetime in Hours based on TM-21. Ektor does not list the projected or calculated LED lifetime, which is normally longer as TM-21 Addendum B explicitly states "The Calculated and Projected Lp(Dk) are not to be reported". This Lifetime refers to the life of a single LED however the system life is longer since the probability and binomial distribution of all LEDs in the system means that the average led is performing above the specification and compensates for the LEDs falling below.		
Ambient Temp (°C)	25 °C	40 °C
L90B10	53,000 hrs	53,000 hrs
L80B10	>54,000 hrs	>54,000 hrs
L70B10	>54,000 hrs	>54,000 hrs

This rating defines the performance of the led within its lifetime. L relates to lumen depreciation, where the proceeding number gives the resultant lumen output at the end of it reported lifetime. L70, would mean 30% lumen depreciation which means 70% of its initial output and is tested accordingly to TM-21. The B part refers to failures, which can be define as the percentage of LEDs which fall below the L value in the projected lifetime. A value of B10 refers to 10% failure and a value of B50 refers to 50% failure. After the defined lifetime, the system will reach the defined lumen depreciation and the average led



failures is defined by the B rating. The B rating is defined in and tested to IEC62717.

TM-21 Test Hours 9000 hrs

COLOUR TEMPERATURE

CCT 4000 K

Luminaire Lumens 3450 lm

All photometric data has a tolerance of $\pm 10\%$. Luminaire lumens refers to the exit lumens or delivered lumens from the luminaire.

DRIVER

Dimmable Yes

Driver Included Yes

Integrated Driver No

Driver Mode Constant Current

Driver Type DALI DT6 LED Driver

DALI DT6 ~ Includes DALI-2 Driver with full support for DT6 allowing flicker free dimming with compliant DALI-2 Application controllers.

Wiring Type Re-wireable terminal block (4 pin)

COMPLIANCE

Product Design Life 8 years

The product design life relates to the total product life which includes LEDs, drivers and the enclosure. This is different to the LED lifetime which only refers to the economical lifetime of the LEDs at which time the lumen output has dropped below the L Value. The product design life is calculated at the maximum ambient or working temperature of the product and takes into account the Daily Use.

Daily Use 16 hrs

The Daily Use is the recommended time required to meet the product's design life. Installations can exceed this time, however the product design life will be reduced proportionally.

Standards AS/NZS 60598.1
AS/NZS 60598.2.2
AS/NZS 61347.1
AS/NZS 61347.2.13
IEC/TR 62778
IEC 62031
AS CISPR 15
IEC 62386-102
IEC 62386-207

WARRANTY

Commercial Use Warranty 5 RTB (Total 5 Years)

Warranty Operating Hours 30000 hrs

This product is provided with a warranty up until the stated warranty period or until the stated warranty operating hours has been reached (whichever occurs first).

Information is subject to change without prior notice. Images are for illustrative purposes only. E&OE

DIMENSIONS

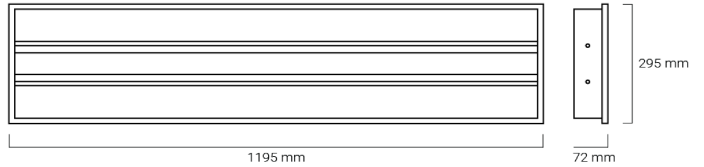
Product Height 72 mm

Product Length 1195 mm

Product Width 295 mm

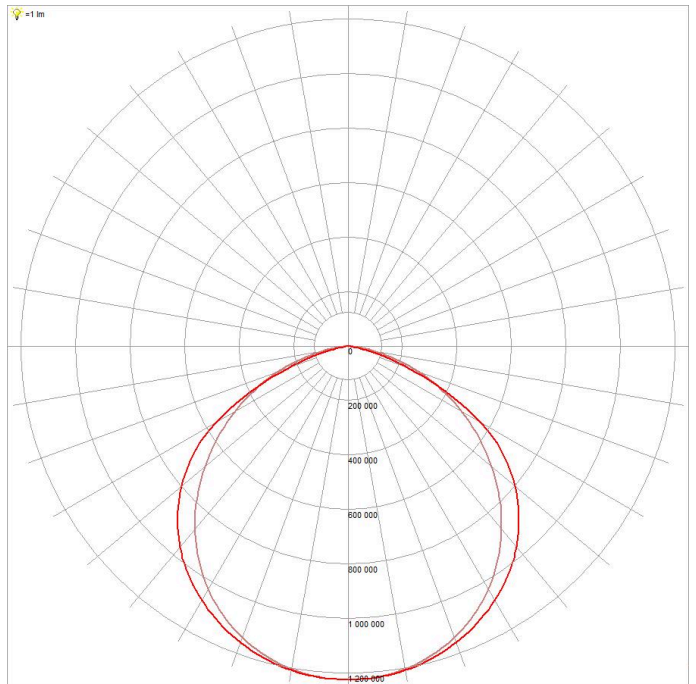
LINE DRAWINGS

EV/CURVE/ADV/312



PHOTOMETRICS

EV/CURVE/ADV/312/22W

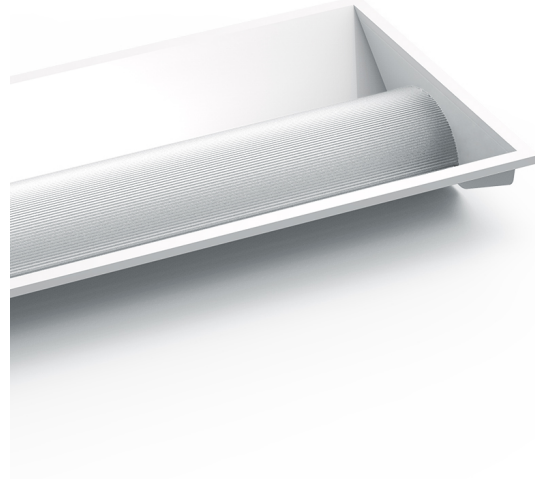


CURVE ADV

Curve Advanced Troffer, CRI >80

FEATURES

- Low-glare curved reflector and even light distribution
- External LED driver for easy maintenance and installation
- Supplied with a choice of different softwiring and hardwiring options
- High efficiency design with >150Lm/W output
- Excellent L90B10 lifetime for energy efficient lighting designs
- Flicker free DALI-2 certified LED driver giving excellent compatibility



ORDERING INFORMATION	
Order code	13560
Description	22W Curve Adv Troffer 300x1200mm - 4000K - DALI - CMS Plug
Driver Type	DALI DT6 LED Driver
DALI DT6 ~ Includes DALI-2 Driver with full support for DT6 allowing flicker free dimming with compliant DALI-2 Application controllers.	
Item Code	EV-CURVE-ADV-312-22W-DC

MECHANICAL	
Body Material	Cold rolled steel
Diffuser Material	PMMA
Product Finish	Powder coated
Fitting Colour	White
Installation Type	Recessed
IP Rating	IP40

ELECTRICAL	
Electrical Rating	Class II
Input Current	0.11 A
Input Frequency	50 Hz
Input voltage	230Vac
In Australia the Input voltage is defined as 230Vac -6%/+10%. This effectively means that the voltage range of these products are 216Vac - 253Vac or 240V +6%	
Maximum Wattage	22 W
Power Factor	0.95

Switch Type	Via DALI
Working Temp Range	0 to 40 °C

LAMP	
Macadam Steps (SDCM)	4-step MacAdam Ellipse
CCT Configuration	Single
CRI	>80
Lamp/LED Current	600 mA
Lamp/LED voltage	36 V
System Efficiency	157 lm/W
UGR	<22
UGR (Unified Glare Rating) is reported as per AS/NZS 1680.2 using the following design parameters; room reflectance 0.7/0.5/0.2 (C/W/F), ceiling height 2.7m, LLF=0.8 (Nominal) from the corrected UGR table.	

LED LIFETIME		
LED Lifetime	>54,000 hrs	
This is the Reported LED Lifetime in Hours based on TM-21. Ektor does not list the projected or calculated LED lifetime, which is normally longer as TM-21 Addendum B explicitly states "The Calculated and Projected Lp(Dk) are not to be reported". This Lifetime refers to the life of a single LED however the system life is longer since the probability and binomial distribution of all LEDs in the system means that the average led is performing above the specification and compensates for the LEDs falling below.		
Ambient Temp (°C)	25 °C	40 °C
L90B10	53,000 hrs	53,000 hrs
L80B10	>54,000 hrs	>54,000 hrs
L70B10	>54,000 hrs	>54,000 hrs

This rating defines the performance of the led within its lifetime. L relates to lumen depreciation, where the proceeding number gives the resultant lumen output at the end of it reported lifetime. L70, would mean 30% lumen depreciation which means 70% of its initial output and is tested accordingly to TM-21. The B part refers to failures, which can be define as the percentage of LEDs which fall below the L value in the projected lifetime. A value of B10 refers



to 10% failure and a value of B50 refers to 50% failure. After the defined lifetime, the system will reach the defined lumen depreciation and the average led failures is defined by the B rating. The B rating is defined in and tested to IEC62717.

TM-21 Test Hours	9000 hrs
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COLOUR TEMPERATURE

CCT	4000 K
Luminaire Lumens	3450 lm

All photometric data has a tolerance of $\pm 10\%$. Luminaire lumens refers to the exit lumens or delivered lumens from the luminaire.

DRIVER

Dimmable	Yes
Driver Included	Yes
Integrated Driver	No
Driver Mode	Constant Current
Driver Type	DALI DT6 LED Driver

DALI DT6 ~ Includes DALI-2 Driver with full support for DT6 allowing flicker free dimming with compliant DALI-2 Application controllers.

Flex & Plug or Lead Length	2400 mm
Wiring Type	CMS Plug (5 pin)

CMS ~ Supplied with a CMS Electracom- 5 pin plug to suit QF series wiring, model number QFP3AT

COMPLIANCE

Product Design Life	8 years
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The product design life relates to the total product life which includes LEDs, drivers and the enclosure. This is different to the LED lifetime which only refers to the economical lifetime of the LEDs at which time the lumen output has dropped below the L Value. The product design life is calculated at the maximum ambient or working temperature of the product and takes into account the Daily Use.

Daily Use	16 hrs
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The Daily Use is the recommended time required to meet the product's design life. Installations can exceed this time, however the product design life will be reduced proportionally.

Standards	AS/NZS 60598.1 AS/NZS 60598.2.2 AS/NZS 61347.1 AS/NZS 61347.2.13 IEC/TR 62778 IEC 62031 AS/NZS 61535.1 AS CISPR 15 IEC 62386-102 IEC 62386-207
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WARRANTY

Commercial Use Warranty	5 RTB (Total 5 Years)
Warranty Operating Hours	30000 hrs

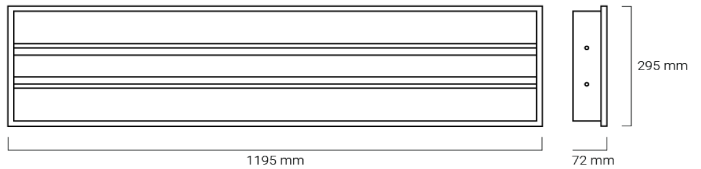
This product is provided with a warranty up until the stated warranty period or until the stated warranty operating hours has been reached (whichever occurs first).

DIMENSIONS

Product Height	72 mm
Product Length	1195 mm
Product Width	295 mm

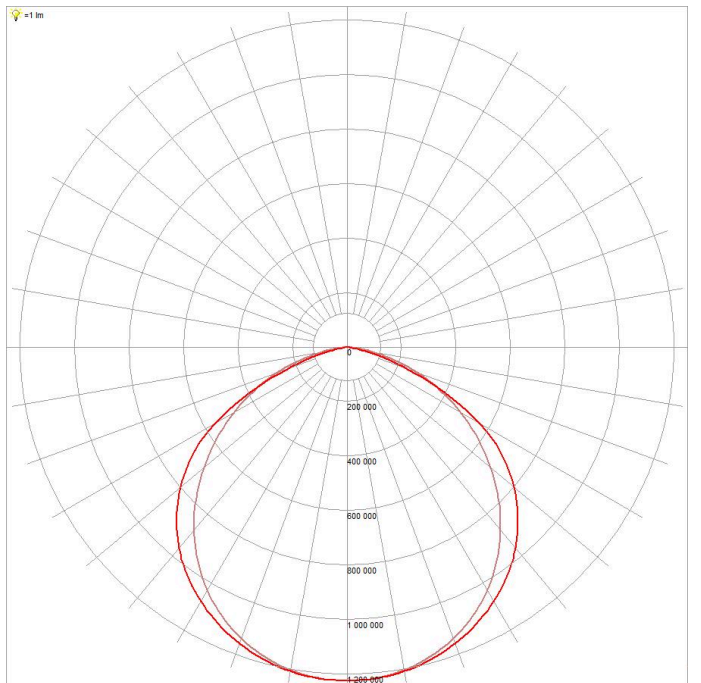
LINE DRAWINGS

EV/CURVE/ADV/312



PHOTOMETRICS

EV/CURVE/ADV/312/22W

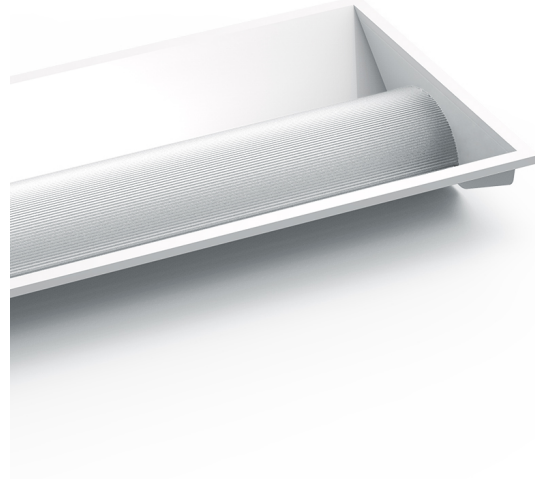


CURVE ADV

Curve Advanced Troffer, CRI >80

FEATURES

- Low-glare curved reflector and even light distribution
- External LED driver for easy maintenance and installation
- Supplied with a choice of different softwiring and hardwiring options
- High efficiency design with >150Lm/W output
- Excellent L90B10 lifetime for energy efficient lighting designs
- Flicker free DALI-2 certified LED driver giving excellent compatibility



ORDERING INFORMATION	
Order code	13561
Description	22W Curve Adv Troffer 300x1200mm - 4000K - DALI - Wire by Click Plug
Driver Type	DALI DT6 LED Driver
DALI DT6 ~ Includes DALI-2 Driver with full support for DT6 allowing flicker free dimming with compliant DALI-2 Application controllers.	
Item Code	EV-CURVE-ADV-312-22W-DW

MECHANICAL	
Body Material	Cold rolled steel
Diffuser Material	PMMA
Product Finish	Powder coated
Fitting Colour	White
Installation Type	Recessed
IP Rating	IP40

ELECTRICAL	
Electrical Rating	Class II
Input Current	0.11 A
Input Frequency	50 Hz
Input voltage	230Vac
In Australia the Input voltage is defined as 230Vac -6%/+10%. This effectively means that the voltage range of these products are 216Vac - 253Vac or 240V +6%	
Maximum Wattage	22 W
Power Factor	0.95

Switch Type	Via DALI
Working Temp Range	0 to 40 °C

LAMP	
Macadam Steps (SDCM)	4-step MacAdam Ellipse
CCT Configuration	Single
CRI	>80
Lamp/LED Current	600 mA
Lamp/LED voltage	36 V
System Efficiency	157 lm/W
UGR	<22
UGR (Unified Glare Rating) is reported as per AS/NZS 1680.2 using the following design parameters; room reflectance 0.7/0.5/0.2 (C/W/F), ceiling height 2.7m, LLF=0.8 (Nominal) from the corrected UGR table.	

LED LIFETIME		
LED Lifetime	>54,000 hrs	
This is the Reported LED Lifetime in Hours based on TM-21. Ektor does not list the projected or calculated LED lifetime, which is normally longer as TM-21 Addendum B explicitly states "The Calculated and Projected Lp(Dk) are not to be reported". This Lifetime refers to the life of a single LED however the system life is longer since the probability and binomial distribution of all LEDs in the system means that the average led is performing above the specification and compensates for the LEDs falling below.		
Ambient Temp (°C)	25 °C	40 °C
L90B10	53,000 hrs	53,000 hrs
L80B10	>54,000 hrs	>54,000 hrs
L70B10	>54,000 hrs	>54,000 hrs

This rating defines the performance of the led within its lifetime. L relates to lumen depreciation, where the proceeding number gives the resultant lumen output at the end of it reported lifetime. L70, would mean 30% lumen depreciation which means 70% of its initial output and is tested accordingly to TM-21. The B part refers to failures, which can be define as the percentage of LEDs which fall below the L value in the projected lifetime. A value of B10 refers



to 10% failure and a value of B50 refers to 50% failure. After the defined lifetime, the system will reach the defined lumen depreciation and the average led failures is defined by the B rating. The B rating is defined in and tested to IEC62717.

TM-21 Test Hours	9000 hrs
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COLOUR TEMPERATURE

CCT	4000 K
Luminaire Lumens	3450 lm

All photometric data has a tolerance of $\pm 10\%$. Luminaire lumens refers to the exit lumens or delivered lumens from the luminaire.

DRIVER

Dimmable	Yes
Driver Included	Yes
Integrated Driver	No
Driver Mode	Constant Current
Driver Type	DALI DT6 LED Driver

DALI DT6 ~ Includes DALI-2 Driver with full support for DT6 allowing flicker free dimming with compliant DALI-2 Application controllers.

Flex & Plug or Lead Length	2400 mm
Wiring Type	WBC Plug (5 pin)

WBC ~ Supplied with a Wire by click- 5 pin plug, model number LA1025/5

COMPLIANCE

Product Design Life	8 years
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The product design life relates to the total product life which includes LEDs, drivers and the enclosure. This is different to the LED lifetime which only refers to the economical lifetime of the LEDs at which time the lumen output has dropped below the L Value. The product design life is calculated at the maximum ambient or working temperature of the product and takes into account the Daily Use.

Daily Use	16 hrs
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The Daily Use is the recommended time required to meet the product's design life. Installations can exceed this time, however the product design life will be reduced proportionally.

Standards	AS/NZS 60598.1 AS/NZS 60598.2.2 AS/NZS 61347.1 AS/NZS 61347.2.13 IEC/TR 62778 IEC 62031 AS/NZS 61535.1 AS CISPR 15 IEC 62386-102 IEC 62386-207
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WARRANTY

Commercial Use Warranty	5 RTB (Total 5 Years)
Warranty Operating Hours	30000 hrs

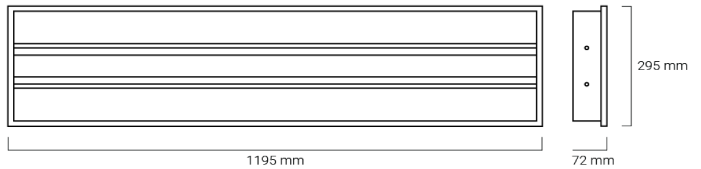
This product is provided with a warranty up until the stated warranty period or until the stated warranty operating hours has been reached (whichever occurs first).

DIMENSIONS

Product Height	72 mm
Product Length	1195 mm
Product Width	295 mm

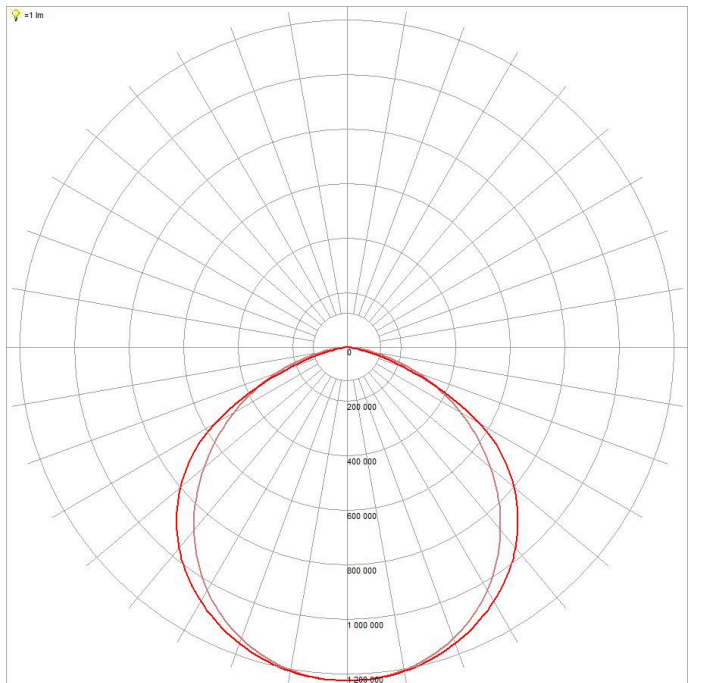
LINE DRAWINGS

EV/CURVE/ADV/312



PHOTOMETRICS

EV/CURVE/ADV/312/22W

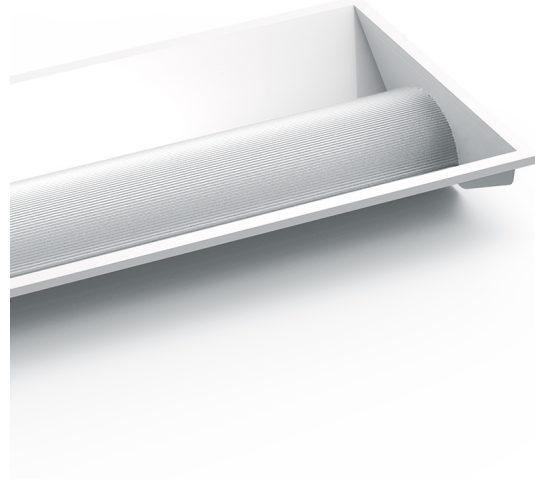


CURVE ADV

Curve Advanced Troffer, CRI >80

FEATURES

- Low-glare curved reflector and even light distribution
- External LED driver for easy maintenance and installation
- Supplied with a choice of different softwiring and hardwiring options
- High efficiency design with >150lm/W output
- Excellent L90B10 lifetime for energy efficient lighting designs
- Flicker free DALI-2 certified LED driver giving excellent compatibility



ORDERING INFORMATION	
Order code	13565
Description	30W Curve Adv Troffer 300x1200mm - 4000K - DALI
Driver Type	DALI DT6 LED Driver
DALI DT6 ~ Includes DALI-2 Driver with full support for DT6 allowing flicker free dimming with compliant DALI-2 Application controllers.	
Item Code	EV-CURVE-ADV-312-30W-DA

MECHANICAL	
Body Material	Cold rolled steel
Diffuser Material	PMMA
Product Finish	Powder coated
Fitting Colour	White
Installation Type	Recessed
IP Rating	IP40

ELECTRICAL	
Electrical Rating	Class II
Input Current	0.16 A
Input Frequency	50 Hz
Input voltage	230Vac
In Australia the Input voltage is defined as 230Vac -6%/+10%. This effectively means that the voltage range of these products are 216Vac - 253Vac or 240V +6%	
Maximum Wattage	30 W
Power Factor	0.95
Switch Type	Via DALI

Working Temp Range	0 to 40 °C
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LAMP	
Macadam Steps (SDCM)	4-step MacAdam Ellipse
CCT Configuration	Single
CRI	>80
Lamp/LED Current	800 mA
Lamp/LED voltage	36 V
System Efficiency	153 lm/W
UGR	<22
UGR (Unified Glare Rating) is reported as per AS/NZS 1680.2 using the following design parameters; room reflectance 0.7/0.5/0.2 (C/W/F), ceiling height 2.7m, LLF=0.8 (Nominal) from the corrected UGR table.	

LED LIFETIME		
LED Lifetime	>54,000 hrs	
This is the Reported LED Lifetime in Hours based on TM-21. Ektor does not list the projected or calculated LED lifetime, which is normally longer as TM-21 Addendum B explicitly states "The Calculated and Projected Lp(Dk) are not to be reported". This Lifetime refers to the life of a single LED however the system life is longer since the probability and binomial distribution of all LEDs in the system means that the average led is performing above the specification and compensates for the LEDs falling below.		
Ambient Temp (°C)	25 °C	40 °C
L90B10	53,000 hrs	53,000 hrs
L80B10	>54,000 hrs	>54,000 hrs
L70B10	>54,000 hrs	>54,000 hrs

This rating defines the performance of the led within its lifetime. L relates to lumen depreciation, where the proceeding number gives the resultant lumen output at the end of it reported lifetime. L70, would mean 30% lumen depreciation which means 70% of its initial output and is tested accordingly to TM-21. The B part refers to failures, which can be define as the percentage of LEDs which fall below the L value in the projected lifetime. A value of B10 refers to 10% failure and a value of B50 refers to 50% failure. After the defined lifetime, the system will reach the defined lumen depreciation and the average led



failures is defined by the B rating. The B rating is defined in and tested to IEC62717.

TM-21 Test Hours	9000 hrs
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COLOUR TEMPERATURE

CCT	4000 K
Luminaire Lumens	4600 lm

All photometric data has a tolerance of $\pm 10\%$. Luminaire lumens refers to the exit lumens or delivered lumens from the luminaire.

DRIVER

Dimmable	Yes
Driver Included	Yes
Integrated Driver	No
Driver Mode	Constant Current
Driver Type	DALI DT6 LED Driver

DALI DT6 ~ Includes DALI-2 Driver with full support for DT6 allowing flicker free dimming with compliant DALI-2 Application controllers.

Wiring Type	Re-wireable terminal block (4 pin)
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COMPLIANCE

Product Design Life	8 years
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The product design life relates to the total product life which includes LEDs, drivers and the enclosure. This is different to the LED lifetime which only refers to the economical lifetime of the LEDs at which time the lumen output has dropped below the L Value. The product design life is calculated at the maximum ambient or working temperature of the product and takes into account the Daily Use.

Daily Use	16 hrs
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The Daily Use is the recommended time required to meet the product's design life. Installations can exceed this time, however the product design life will be reduced proportionally.

Standards	AS/NZS 60598.1 AS/NZS 60598.2.2 AS/NZS 61347.1 AS/NZS 61347.2.13 IEC/TR 62778 IEC 62031 AS CISPR 15 IEC 62386-102 IEC 62386-207
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WARRANTY

Commercial Use Warranty	5 RTB (Total 5 Years)
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Warranty Operating Hours	30000 hrs
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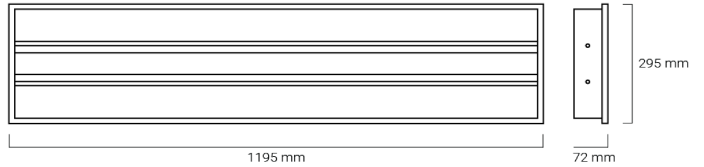
This product is provided with a warranty up until the stated warranty period or until the stated warranty operating hours has been reached (whichever occurs first).

DIMENSIONS

Product Height	72 mm
Product Length	1195 mm
Product Width	295 mm

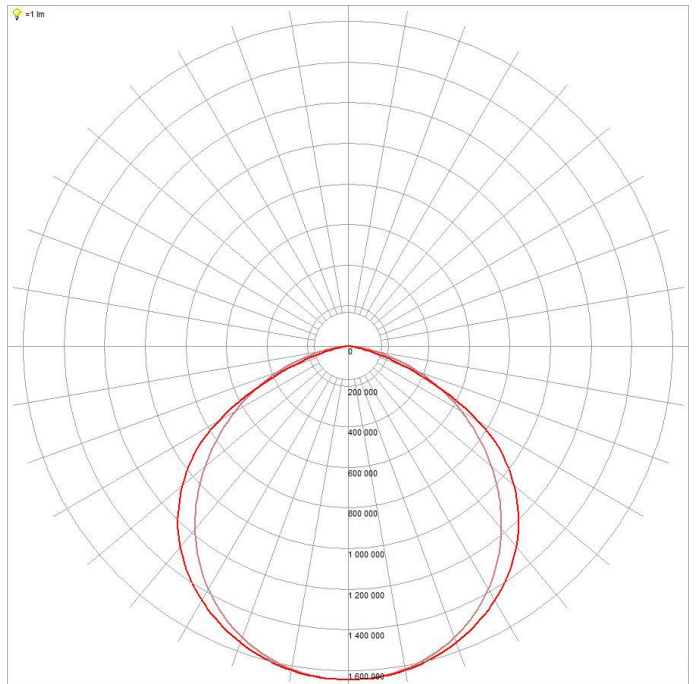
LINE DRAWINGS

EV/CURVE/ADV/312



PHOTOMETRICS

EV/CURVE/ADV/312/30W

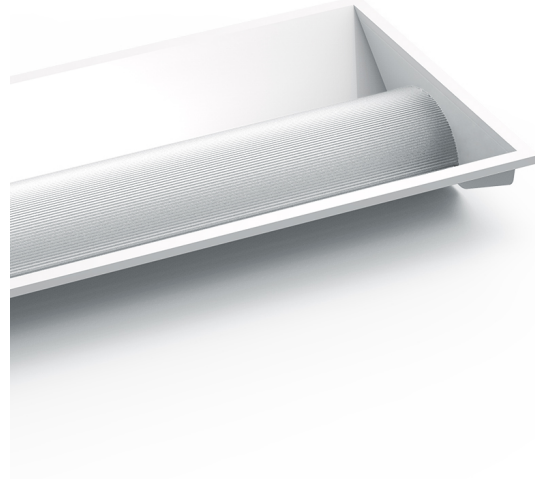


CURVE ADV

Curve Advanced Troffer, CRI >80

FEATURES

- Low-glare curved reflector and even light distribution
- External LED driver for easy maintenance and installation
- Supplied with a choice of different softwiring and hardwiring options
- High efficiency design with >150Lm/W output
- Excellent L90B10 lifetime for energy efficient lighting designs
- Flicker free DALI-2 certified LED driver giving excellent compatibility



ORDERING INFORMATION	
Order code	13566
Description	30W Curve Adv Troffer 300x1200mm - 4000K - DALI - CMS Plug
Driver Type	DALI DT6 LED Driver
DALI DT6 ~ Includes DALI-2 Driver with full support for DT6 allowing flicker free dimming with compliant DALI-2 Application controllers.	
Item Code	EV-CURVE-ADV-312-30W-DC

MECHANICAL	
Body Material	Cold rolled steel
Diffuser Material	PMMA
Product Finish	Powder coated
Fitting Colour	White
Installation Type	Recessed
IP Rating	IP40

ELECTRICAL	
Electrical Rating	Class II
Input Current	0.16 A
Input Frequency	50 Hz
Input voltage	230Vac
In Australia the Input voltage is defined as 230Vac -6%/+10%. This effectively means that the voltage range of these products are 216Vac - 253Vac or 240V +6%	
Maximum Wattage	30 W
Power Factor	0.95

Switch Type	Via DALI
Working Temp Range	0 to 40 °C

LAMP	
Macadam Steps (SDCM)	4-step MacAdam Ellipse
CCT Configuration	Single
CRI	>80
Lamp/LED Current	800 mA
Lamp/LED voltage	36 V
System Efficiency	153 lm/W
UGR	<22
UGR (Unified Glare Rating) is reported as per AS/NZS 1680.2 using the following design parameters; room reflectance 0.7/0.5/0.2 (C/W/F), ceiling height 2.7m, LLF=0.8 (Nominal) from the corrected UGR table.	

LED LIFETIME		
LED Lifetime	>54,000 hrs	
This is the Reported LED Lifetime in Hours based on TM-21. Ektor does not list the projected or calculated LED lifetime, which is normally longer as TM-21 Addendum B explicitly states "The Calculated and Projected Lp(Dk) are not to be reported". This Lifetime refers to the life of a single LED however the system life is longer since the probability and binomial distribution of all LEDs in the system means that the average led is performing above the specification and compensates for the LEDs falling below.		
Ambient Temp (°C)	25 °C	40 °C
L90B10	53,000 hrs	53,000 hrs
L80B10	>54,000 hrs	>54,000 hrs
L70B10	>54,000 hrs	>54,000 hrs

This rating defines the performance of the led within its lifetime. L relates to lumen depreciation, where the proceeding number gives the resultant lumen output at the end of it reported lifetime. L70, would mean 30% lumen depreciation which means 70% of its initial output and is tested accordingly to TM-21. The B part refers to failures, which can be define as the percentage of LEDs which fall below the L value in the projected lifetime. A value of B10 refers



to 10% failure and a value of B50 refers to 50% failure. After the defined lifetime, the system will reach the defined lumen depreciation and the average led failures is defined by the B rating. The B rating is defined in and tested to IEC62717.

TM-21 Test Hours	9000 hrs
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COLOUR TEMPERATURE

CCT	4000 K
Luminaire Lumens	4600 lm

All photometric data has a tolerance of $\pm 10\%$. Luminaire lumens refers to the exit lumens or delivered lumens from the luminaire.

DRIVER

Dimmable	Yes
Driver Included	Yes
Integrated Driver	No
Driver Mode	Constant Current
Driver Type	DALI DT6 LED Driver

DALI DT6 ~ Includes DALI-2 Driver with full support for DT6 allowing flicker free dimming with compliant DALI-2 Application controllers.

Flex & Plug or Lead Length	2400 mm
Wiring Type	CMS Plug (5 pin)

CMS ~ Supplied with a CMS Electracom- 5 pin plug to suit QF series wiring, model number QFP3AT

COMPLIANCE

Product Design Life	8 years
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The product design life relates to the total product life which includes LEDs, drivers and the enclosure. This is different to the LED lifetime which only refers to the economical lifetime of the LEDs at which time the lumen output has dropped below the L Value. The product design life is calculated at the maximum ambient or working temperature of the product and takes into account the Daily Use.

Daily Use	16 hrs
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The Daily Use is the recommended time required to meet the product's design life. Installations can exceed this time, however the product design life will be reduced proportionally.

Standards	AS/NZS 60598.1 AS/NZS 60598.2.2 AS/NZS 61347.1 AS/NZS 61347.2.13 IEC/TR 62778 IEC 62031 AS/NZS 61535.1 AS CISPR 15 IEC 62386-102 IEC 62386-207
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WARRANTY

Commercial Use Warranty	5 RTB (Total 5 Years)
Warranty Operating Hours	30000 hrs

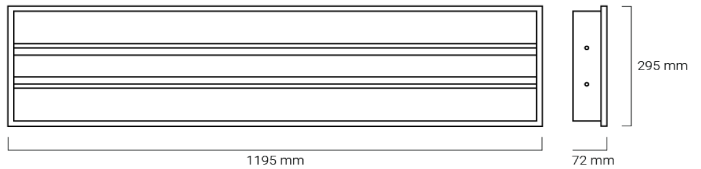
This product is provided with a warranty up until the stated warranty period or until the stated warranty operating hours has been reached (whichever occurs first).

DIMENSIONS

Product Height	72 mm
Product Length	1195 mm
Product Width	295 mm

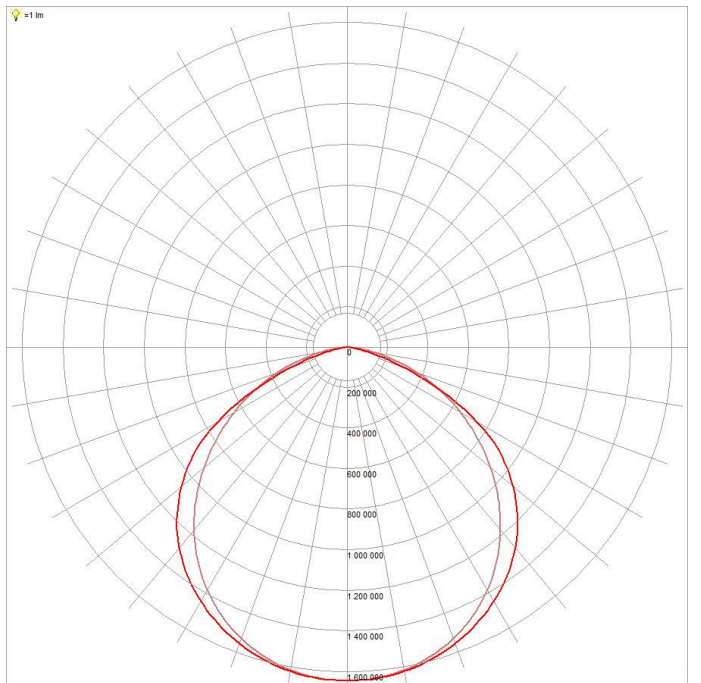
LINE DRAWINGS

EV/CURVE/ADV/312



PHOTOMETRICS

EV/CURVE/ADV/312/30W

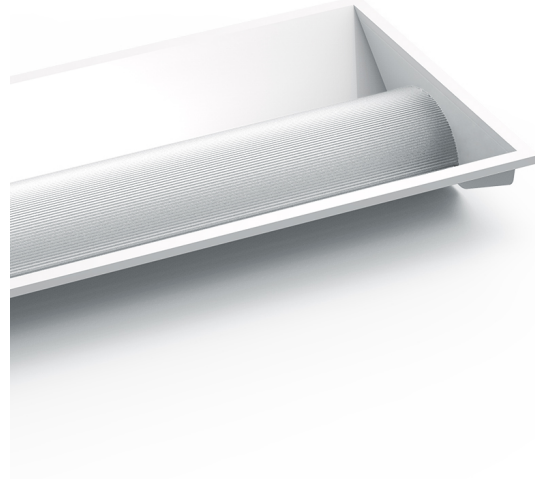


CURVE ADV

Curve Advanced Troffer, CRI >80

FEATURES

- Low-glare curved reflector and even light distribution
- External LED driver for easy maintenance and installation
- Supplied with a choice of different softwiring and hardwiring options
- High efficiency design with >150Lm/W output
- Excellent L90B10 lifetime for energy efficient lighting designs
- Flicker free DALI-2 certified LED driver giving excellent compatibility



ORDERING INFORMATION	
Order code	13567
Description	30W Curve Adv Troffer 300x1200mm - 4000K - DALI - Wire by Click Plug
Driver Type	DALI DT6 LED Driver
DALI DT6 ~ Includes DALI-2 Driver with full support for DT6 allowing flicker free dimming with compliant DALI-2 Application controllers.	
Item Code	EV-CURVE-ADV-312-30W-DW

MECHANICAL	
Body Material	Cold rolled steel
Diffuser Material	PMMA
Product Finish	Powder coated
Fitting Colour	White
Installation Type	Recessed
IP Rating	IP40

ELECTRICAL	
Electrical Rating	Class II
Input Current	0.16 A
Input Frequency	50 Hz
Input voltage	230Vac
In Australia the Input voltage is defined as 230Vac -6%/+10%. This effectively means that the voltage range of these products are 216Vac - 253Vac or 240V +6%	
Maximum Wattage	30 W
Power Factor	0.95

Switch Type	Via DALI
Working Temp Range	0 to 40 °C

LAMP	
Macadam Steps (SDCM)	4-step MacAdam Ellipse
CCT Configuration	Single
CRI	>80
Lamp/LED Current	800 mA
Lamp/LED voltage	36 V
System Efficiency	153 lm/W
UGR	<22
UGR (Unified Glare Rating) is reported as per AS/NZS 1680.2 using the following design parameters; room reflectance 0.7/0.5/0.2 (C/W/F), ceiling height 2.7m, LLF=0.8 (Nominal) from the corrected UGR table.	

LED LIFETIME		
LED Lifetime	>54,000 hrs	
This is the Reported LED Lifetime in Hours based on TM-21. Ektor does not list the projected or calculated LED lifetime, which is normally longer as TM-21 Addendum B explicitly states "The Calculated and Projected Lp(Dk) are not to be reported". This Lifetime refers to the life of a single LED however the system life is longer since the probability and binomial distribution of all LEDs in the system means that the average led is performing above the specification and compensates for the LEDs falling below.		
Ambient Temp (°C)	25 °C	40 °C
L90B10	53,000 hrs	53,000 hrs
L80B10	>54,000 hrs	>54,000 hrs
L70B10	>54,000 hrs	>54,000 hrs

This rating defines the performance of the led within its lifetime. L relates to lumen depreciation, where the proceeding number gives the resultant lumen output at the end of it reported lifetime. L70, would mean 30% lumen depreciation which means 70% of its initial output and is tested accordingly to TM-21. The B part refers to failures, which can be define as the percentage of LEDs which fall below the L value in the projected lifetime. A value of B10 refers



to 10% failure and a value of B50 refers to 50% failure. After the defined lifetime, the system will reach the defined lumen depreciation and the average led failures is defined by the B rating. The B rating is defined in and tested to IEC62717.

TM-21 Test Hours	9000 hrs
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COLOUR TEMPERATURE

CCT	4000 K
Luminaire Lumens	4600 lm

All photometric data has a tolerance of $\pm 10\%$. Luminaire lumens refers to the exit lumens or delivered lumens from the luminaire.

DRIVER

Dimmable	Yes
Driver Included	Yes
Integrated Driver	No
Driver Mode	Constant Current
Driver Type	DALI DT6 LED Driver

DALI DT6 ~ Includes DALI-2 Driver with full support for DT6 allowing flicker free dimming with compliant DALI-2 Application controllers.

Flex & Plug or Lead Length	2400 mm
Wiring Type	WBC Plug (5 pin)

WBC ~ Supplied with a Wire by click- 5 pin plug, model number LA1025/5

COMPLIANCE

Product Design Life	8 years
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The product design life relates to the total product life which includes LEDs, drivers and the enclosure. This is different to the LED lifetime which only refers to the economical lifetime of the LEDs at which time the lumen output has dropped below the L Value. The product design life is calculated at the maximum ambient or working temperature of the product and takes into account the Daily Use.

Daily Use	16 hrs
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The Daily Use is the recommended time required to meet the product's design life. Installations can exceed this time, however the product design life will be reduced proportionally.

Standards	AS/NZS 60598.1 AS/NZS 60598.2.2 AS/NZS 61347.1 AS/NZS 61347.2.13 IEC/TR 62778 IEC 62031 AS/NZS 61535.1 AS CISPR 15 IEC 62386-102 IEC 62386-207
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WARRANTY

Commercial Use Warranty	5 RTB (Total 5 Years)
Warranty Operating Hours	30000 hrs

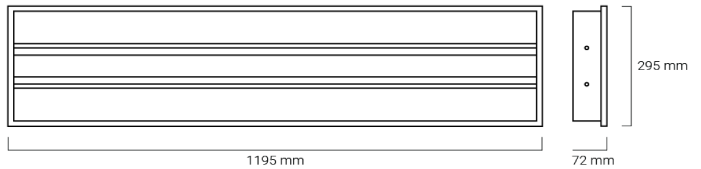
This product is provided with a warranty up until the stated warranty period or until the stated warranty operating hours has been reached (whichever occurs first).

DIMENSIONS

Product Height	72 mm
Product Length	1195 mm
Product Width	295 mm

LINE DRAWINGS

EV/CURVE/ADV/312



PHOTOMETRICS

EV/CURVE/ADV/312/30W

