



LED Road Light Luminares Product Specification



Important Notice

- To reduce the risk of electric shock, disconnect power supply before installation or servicing.
- This luminaire must be installed in accordance with local electrical codes. If you are not familiar with these codes and requirements, consult a qualified electrician.
- If NEMA photo control is installed refer to NEMA Receptacle section for instructions.
- If mounting bolts are completely removed in the field they should be hand threaded (prior to use of power tools) to ensure proper engagement of the thread when re-installing. Failure to pre-start threads may result in cross-threading or stripping of the bolts during reinstallation.
- The luminaire is designed for outdoor use only
- The light source contained in this luminaire shall only be replaced by the manufacturer or his service agent or a similar qualified person.

ELECTRICAL RATINGS:

Model	Rated Voltage, Vac	Frequency Hz	LED Current, Max. A	Rated Wattage, W	Unit Type	Ingress Protection
TLXXX-YY-ZZ-UU-V-C	220-240	50	0.85	20-85	Side-entry Top-entry (30-76mm)	IP65/IP66
TLXXX-YY-ZZ-UU-V-C	220-240	50	1.65	85-165		
TLXXX-YY-ZZ-UU-V-C	220-240	50	2.50	165-250		
TLXXX-YY-ZZ-UU-V-C	220-240	50	3.20	250-320		

NOMENCLATURE:

Example:	TL	045	V3	AS	CW	D	G
Group:	TL	XXX	YY	ZZ	UU	V	C

Group	Description
TL	TransLEDer LED Road Light Luminaire Series name.
XXX	Represents lamp wattage, may be any number, e.g. 045=45W.
YY	Represents Road Light categories.
ZZ	Represents UWLR control, AS (Aeroscreen, UWLR=0%), NR (Non-Aeroscreen, UWLR>0%).
U	Represents color temperature, may be CW - Cool White; NW - Neutral White; WW - Warm White; MW – Mesopic.
V	Represents dimming function, may be P – Photocell; D – DALI; Z – 0-10V.
C	Represents lamp color, may be G – Gray; B- Black; W – White.

Designation for one-module luminaire: "TL047-YY-ZZ-UU-V-T"

PERFORMANCE CRITERIA - LED LUMINAIRE		
VOLTAGE	Nominal luminaire input voltage range	220-240 V
INPUT POWER	Nominal luminaire input power	47 W
POWER FACTOR	Min. power factor	0.90
LUMEN MAINT.	Min. % of initial output at 85,000 hours operation	95%
LMF	Min. Calculated Luminaire Maintenance Factor	0.80
CHROMATICITY SHIFT	Max. LED chromaticity shift at 6,000 hours operation	± 0.002 Duv
NOMINAL CCT	Rated correlated colour temperature	3985 ± 275 K
EFFICACY	Min. <i>maintained</i> luminaire efficacy	120 lm/W
FINISH	Luminaire housing finish colour	Grey *
WEIGHT	Max. luminaire weight	6.5 Kg
SAIL AREA	Max. effective sail area	0.057 m ²
MOUNTING ADAPTER	<input checked="" type="checkbox"/> Top-entry <input checked="" type="checkbox"/> Side-entry <input checked="" type="checkbox"/> Integral tilt (-15 to +15)	
	Nominal pole size (NPS)	30-76 mm
VIBRATION	ANSI C136.31 <input type="checkbox"/> Level 1 (normal) <input checked="" type="checkbox"/> Level 2 (bridge/overpass)	
THERMAL ENVIRONMENT	Typical min. ambient temperature during operation	-30 °C
	Typical max. ambient temperature during operation	50 °C
SURGE PROTECTION DEVICE	ANSI C136.2 <input type="checkbox"/> Basic (6kV / 3kA) <input type="checkbox"/> Enhanced (10kV / 5kA)	<input checked="" type="checkbox"/> Elevated, (20kV / 10kA)
CONTROL INTERFACE	<input type="checkbox"/> None <input type="checkbox"/> ANSI C136.10, 3-pin <input type="checkbox"/> ANSI C136.41, 5-pin	<input checked="" type="checkbox"/> ANSI C136.41, 7-pin
LED DRIVER	<input checked="" type="checkbox"/> Not dimmable <input checked="" type="checkbox"/> Dimmable, 0-10V (IEC 60929)	<input checked="" type="checkbox"/> Dimmable, DALI (IEC 62386)
CERTIFICATIONS - LED LUMINAIRE		
SAFETY	AS/NZS 60598.1, AS/NZS 60598.2.3	CB+SAA Certified
EMC IMMUNITY	EN 61547, EN 55015, AS/NZS CISRP 15	EMC+CTICK Certified
HARMONIX CURRENT EMISSION	EN 61000.3.2, EN 61000.3, EN 61547	EMC+CTICK Certified
INGRESS PROTECTION	Ingress protection	IP65 / IP66
THD	Max. Total Harmonic Distortion (%)	20
IMPACT TEST	Resistance to external mechanical impact test	IK10
SALINE MIST TEST	Salt spray test to ISO 9227	1000 hours
PHOTOBIO. SAFETY	EN 62471	Exempt group
PHOTOBIO. SAFETY	EN 62778	Risk group 1
RoHS COMPLIANCE	European Directive 2011/65/EC	SGS Certified
MATERIAL - LED LUMINAIRE		
OPTICAL MATERIAL	Optical lens material	UVC-Polycarbonate
HOUSING MATERIAL	Cast Aluminium Alloy	A360
COPPER CONTENT	Max. Copper content (%)	0.60
PAINT	Self-cleaning and Anti-Graffiti Polyester coating	AXALTA

Designation for one-module luminaire: "TL055-YY-ZZ-UU-V-C"

PERFORMANCE CRITERIA - LED LUMINAIRE			
VOLTAGE	Nominal luminaire input voltage range		220-240 V
INPUT POWER	Nominal luminaire input power		55 W
POWER FACTOR	Min. power factor		0.90
LUMEN MAINT.	Min. % of initial output at 85,000 hours operation		95%
LMF	Min. Calculated Luminaire Maintenance Factor		0.80
CHROMATICITY SHIFT	Max. LED chromaticity shift at 6,000 hours operation		± 0.002 Duv
NOMINAL CCT	Rated correlated colour temperature		3985 ± 275 K
EFFICACY	Min. <i>maintained</i> luminaire efficacy		120 lm/W
FINISH	Luminaire housing finish colour		Grey *
WEIGHT	Max. luminaire weight		6.5 Kg
SAIL AREA	Max. effective sail area		0.057 m ²
MOUNTING ADAPTER	<input checked="" type="checkbox"/> Top-entry	<input checked="" type="checkbox"/> Side-entry	<input checked="" type="checkbox"/> Integral tilt (-15 to +15)
	Nominal pole size (NPS)		30-76 mm
VIBRATION	ANSI C136.31	<input type="checkbox"/> Level 1 (normal)	<input checked="" type="checkbox"/> Level 2 (bridge/overpass)
THERMAL ENVIRONMENT	Typical min. ambient temperature during operation		-30 °C
	Typical max. ambient temperature during operation		50 °C
SURGE PROTECTION DEVICE	ANSI C136.2	<input type="checkbox"/> Basic (6kV / 3kA)	<input type="checkbox"/> Enhanced (10kV / 5kA)
CONTROL INTERFACE	<input type="checkbox"/> None	<input type="checkbox"/> ANSI C136.10, 3-pin	<input type="checkbox"/> ANSI C136.41, 5-pin
LED DRIVER	<input checked="" type="checkbox"/> Not dimmable	<input checked="" type="checkbox"/> Dimmable, 0-10V (IEC 60929)	<input checked="" type="checkbox"/> Dimmable, DALI (IEC 62386)
CERTIFICATIONS - LED LUMINAIRE			
SAFETY	AS/NZS 60598.1, AS/NZS 60598.2.3		CB+SAA Certified
EMC IMMUNITY	EN 61547, EN 55015, AS/NZS CISRP 15		EMC+CTICK Certified
HARMONIX CURRENT EMISSION	EN 61000.3.2, EN 61000.3, EN 61547		EMC+CTICK Certified
INGRESS PROTECTION	Ingress protection		IP65 / IP66
THD	Max. Total Harmonic Distortion (%)		20
IMPACT TEST	Resistance to external mechanical impact test		IK10
SALINE MIST TEST	Salt spray test to ISO 9227		1000 hours
PHOTOBIO. SAFETY	EN 62471		Exempt group
PHOTOBIO. SAFETY	EN 62778		Risk group 1
RoHS COMPLIANCE	European Directive 2011/65/EC		SGS Certified
MATERIAL - LED LUMINAIRE			
OPTICAL MATERIAL	Optical lens material		UVC-Polycarbonate
HOUSING MATERIAL	Cast Aluminium Alloy		A360
COPPER CONTENT	Max. Copper content (%)		0.60
PAINT	Self-cleaning and Anti-Graffiti Polyester coating		AXALTA

Designation for one-module luminaire: "TL078-YY-ZZ-UU-V-C"

PERFORMANCE CRITERIA - LED LUMINAIRE			
VOLTAGE	Nominal luminaire input voltage range		220-240 V
INPUT POWER	Nominal luminaire input power		78 W
POWER FACTOR	Min. power factor		0.90
LUMEN MAINT.	Min. % of initial output at 85,000 hours operation		95%
LMF	Min. Calculated Luminaire Maintenance Factor		0.80
CHROMATICITY SHIFT	Max. LED chromaticity shift at 6,000 hours operation		± 0.002 Duv
NOMINAL CCT	Rated correlated colour temperature		3985 ± 275 K
EFFICACY	Min. <i>maintained</i> luminaire efficacy		120 lm/W
FINISH	Luminaire housing finish colour		Grey *
WEIGHT	Max. luminaire weight		6.5 Kg
SAIL AREA	Max. effective sail area		0.057 m ²
MOUNTING ADAPTER	<input checked="" type="checkbox"/> Top-entry	<input checked="" type="checkbox"/> Side-entry	<input checked="" type="checkbox"/> Integral tilt (-15 to +15)
	Nominal pole size (NPS)		30-76 mm
VIBRATION	ANSI C136.31	<input type="checkbox"/> Level 1 (normal)	<input checked="" type="checkbox"/> Level 2 (bridge/overpass)
THERMAL ENVIRONMENT	Typical min. ambient temperature during operation		-30 °C
	Typical max. ambient temperature during operation		50 °C
SURGE PROTECTION DEVICE	ANSI C136.2	<input type="checkbox"/> Basic (6kV / 3kA)	<input type="checkbox"/> Enhanced (10kV / 5kA) <input checked="" type="checkbox"/> Elevated, (20kV / 10kA)
CONTROL INTERFACE	<input type="checkbox"/> None	<input type="checkbox"/> ANSI C136.10, 3-pin	<input type="checkbox"/> ANSI C136.41, 5-pin <input checked="" type="checkbox"/> ANSI C136.41, 7-pin
LED DRIVER	<input checked="" type="checkbox"/> Not dimmable	<input checked="" type="checkbox"/> Dimmable, 0-10V (IEC 60929)	<input checked="" type="checkbox"/> Dimmable, DALI (IEC 62386)
CERTIFICATIONS - LED LUMINAIRE			
SAFETY	AS/NZS 60598.1, AS/NZS 60598.2.3		CB+SAA Certified
EMC IMMUNITY	EN 61547, EN 55015, AS/NZS CISRP 15		EMC+CTICK Certified
HARMONIX CURRENT EMISSION	EN 61000.3.2, EN 61000.3, EN 61547		EMC+CTICK Certified
INGRESS PROTECTION	Ingress protection		IP65 / IP66
THD	Max. Total Harmonic Distortion (%)		20
IMPACT TEST	Resistance to external mechanical impact test		IK10
SALINE MIST TEST	Salt spray test to ISO 9227		1000 hours
PHOTOBIO. SAFETY	EN 62471		Exempt group
PHOTOBIO. SAFETY	EN 62778		Risk group 1
RoHS COMPLIANCE	European Directive 2011/65/EC		SGS Certified
MATERIAL - LED LUMINAIRE			
OPTICAL MATERIAL	Optical lens material		UVC-Polycarbonate
HOUSING MATERIAL	Cast Aluminium Alloy		A360
COPPER CONTENT	Max. Copper content (%)		0.60
PAINT	Self-cleaning and Anti-Graffiti Polyester coating		AXALTA

Designation for one-module luminaire: "TL085-YY-ZZ-UU-V-C"

PERFORMANCE CRITERIA - LED LUMINAIRE			
VOLTAGE	Nominal luminaire input voltage range		220-240 V
INPUT POWER	Nominal luminaire input power		85 W
POWER FACTOR	Min. power factor		0.90
LUMEN MAINT.	Min. % of initial output at 85,000 hours operation		95%
LMF	Min. Calculated Luminaire Maintenance Factor		0.80
CHROMATICITY SHIFT	Max. LED chromaticity shift at 6,000 hours operation		± 0.002 Duv
NOMINAL CCT	Rated correlated colour temperature		3985 ± 275 K
EFFICACY	Min. <i>maintained</i> luminaire efficacy		120 lm/W
FINISH	Luminaire housing finish colour		Grey *
WEIGHT	Max. luminaire weight		6.5 Kg
SAIL AREA	Max. effective sail area		0.057 m ²
MOUNTING ADAPTER	<input checked="" type="checkbox"/> Top-entry	<input checked="" type="checkbox"/> Side-entry	<input checked="" type="checkbox"/> Integral tilt (-15 to +15)
	Nominal pole size (NPS)		30-76 mm
VIBRATION	ANSI C136.31	<input type="checkbox"/> Level 1 (normal)	<input checked="" type="checkbox"/> Level 2 (bridge/overpass)
THERMAL ENVIRONMENT	Typical min. ambient temperature during operation		-30 °C
	Typical max. ambient temperature during operation		50 °C
SURGE PROTECTION DEVICE	ANSI C136.2	<input type="checkbox"/> Basic (6kV / 3kA)	<input type="checkbox"/> Enhanced (10kV / 5kA)
CONTROL INTERFACE	<input type="checkbox"/> None	<input type="checkbox"/> ANSI C136.10, 3-pin	<input type="checkbox"/> ANSI C136.41, 5-pin
LED DRIVER	<input checked="" type="checkbox"/> Not dimmable	<input checked="" type="checkbox"/> Dimmable, 0-10V (IEC 60929)	<input checked="" type="checkbox"/> Dimmable, DALI (IEC 62386)
CERTIFICATIONS - LED LUMINAIRE			
SAFETY	AS/NZS 60598.1, AS/NZS 60598.2.3		CB+SAA Certified
EMC IMMUNITY	EN 61547, EN 55015, AS/NZS CISRP 15		EMC+CTICK Certified
HARMONIX CURRENT EMISSION	EN 61000.3.2, EN 61000.3, EN 61547		EMC+CTICK Certified
INGRESS PROTECTION	Ingress protection		IP65 / IP66
THD	Max. Total Harmonic Distortion (%)		20
IMPACT TEST	Resistance to external mechanical impact test		IK10
SALINE MIST TEST	Salt spray test to ISO 9227		1000 hours
PHOTOBIO. SAFETY	EN 62471		Exempt group
PHOTOBIO. SAFETY	EN 62778		Risk group 1
RoHS COMPLIANCE	European Directive 2011/65/EC		SGS Certified
MATERIAL - LED LUMINAIRE			
OPTICAL MATERIAL	Optical lens material		UVC-Polycarbonate
HOUSING MATERIAL	Cast Aluminium Alloy		A360
COPPER CONTENT	Max. Copper content (%)		0.60
PAINT	Self-cleaning and Anti-Graffiti Polyester coating		AXALTA

Designation for two-module luminaire: "TL155-YY-ZZ-UU-V-C"

PERFORMANCE CRITERIA - LED LUMINAIRE			
VOLTAGE	Nominal luminaire input voltage range		220-240 V
INPUT POWER	Nominal luminaire input power		155 W
POWER FACTOR	Min. power factor		0.90
LUMEN MAINT.	Min. % of initial output at 85,000 hours operation		95%
LMF	Min. Calculated Luminaire Maintenance Factor		0.80
CHROMATICITY SHIFT	Max. LED chromaticity shift at 6,000 hours operation		± 0.002 Duv
NOMINAL CCT	Rated correlated colour temperature		3985 ± 275 K
EFFICACY	Min. <i>maintained</i> luminaire efficacy		120 lm/W
FINISH	Luminaire housing finish colour		Grey *
WEIGHT	Max. luminaire weight		8.0 Kg
SAIL AREA	Max. effective sail area		0.068 m ²
MOUNTING ADAPTER	<input checked="" type="checkbox"/> Top-entry	<input checked="" type="checkbox"/> Side-entry	<input checked="" type="checkbox"/> Integral tilt (-15 to +15)
	Nominal pole size (NPS)		30-76 mm
VIBRATION	ANSI C136.31	<input type="checkbox"/> Level 1 (normal)	<input checked="" type="checkbox"/> Level 2 (bridge/overpass)
THERMAL ENVIRONMENT	Typical min. ambient temperature during operation		-30 °C
	Typical max. ambient temperature during operation		50 °C
SURGE PROTECTION DEVICE	ANSI C136.2	<input type="checkbox"/> Basic (6kV / 3kA)	<input type="checkbox"/> Enhanced (10kV / 5kA)
CONTROL INTERFACE	<input type="checkbox"/> None	<input type="checkbox"/> ANSI C136.10, 3-pin	<input type="checkbox"/> ANSI C136.41, 5-pin
LED DRIVER	<input checked="" type="checkbox"/> Not dimmable	<input checked="" type="checkbox"/> Dimmable, 0-10V (IEC 60929)	<input checked="" type="checkbox"/> Dimmable, DALI (IEC 62386)
CERTIFICATIONS - LED LUMINAIRE			
SAFETY	AS/NZS 60598.1, AS/NZS 60598.2.3		CB+SAA Certified
EMC IMMUNITY	EN 61547, EN 55015, AS/NZS CISRP 15		EMC+CTICK Certified
HARMONIX CURRENT EMISSION	EN 61000.3.2, EN 61000.3, EN 61547		EMC+CTICK Certified
INGRESS PROTECTION	Ingress protection		IP65 / IP66
THD	Max. Total Harmonic Distortion (%)		20
IMPACT TEST	Resistance to external mechanical impact test		IK10
SALINE MIST TEST	Salt spray test to ISO 9227		1000 hours
PHOTOBIO. SAFETY	EN 62471		Exempt group
PHOTOBIO. SAFETY	EN 62778		Risk group 1
RoHS COMPLIANCE	European Directive 2011/65/EC		SGS Certified
MATERIAL - LED LUMINAIRE			
OPTICAL MATERIAL	Optical lens material		UVC-Polycarbonate
HOUSING MATERIAL	Cast Aluminium Alloy		A360
COPPER CONTENT	Max. Copper content (%)		0.60
PAINT	Self-cleaning and Anti-Graffiti Polyester coating		AXALTA

Designation for two-module luminaire: "TL165-YY-ZZ-UU-V-C"

PERFORMANCE CRITERIA - LED LUMINAIRE			
VOLTAGE	Nominal luminaire input voltage range		220-240 V
INPUT POWER	Nominal luminaire input power		165 W
POWER FACTOR	Min. power factor		0.90
LUMEN MAINT.	Min. % of initial output at 85,000 hours operation		95%
LMF	Min. Calculated Luminaire Maintenance Factor		0.80
CHROMATICITY SHIFT	Max. LED chromaticity shift at 6,000 hours operation		± 0.002 Duv
NOMINAL CCT	Rated correlated colour temperature		3985 ± 275 K
EFFICACY	Min. <i>maintained</i> luminaire efficacy		120 lm/W
FINISH	Luminaire housing finish colour		Grey *
WEIGHT	Max. luminaire weight		8.0 Kg
SAIL AREA	Max. effective sail area		0.068 m ²
MOUNTING ADAPTER	<input checked="" type="checkbox"/> Top-entry	<input checked="" type="checkbox"/> Side-entry	<input checked="" type="checkbox"/> Integral tilt (-15 to +15)
	Nominal pole size (NPS)		30-76 mm
VIBRATION	ANSI C136.31	<input type="checkbox"/> Level 1 (normal)	<input checked="" type="checkbox"/> Level 2 (bridge/overpass)
THERMAL ENVIRONMENT	Typical min. ambient temperature during operation		-30 °C
	Typical max. ambient temperature during operation		50 °C
SURGE PROTECTION DEVICE	ANSI C136.2	<input type="checkbox"/> Basic (6kV / 3kA)	<input type="checkbox"/> Enhanced (10kV / 5kA)
CONTROL INTERFACE	<input type="checkbox"/> None	<input type="checkbox"/> ANSI C136.10, 3-pin	<input type="checkbox"/> ANSI C136.41, 5-pin
LED DRIVER	<input checked="" type="checkbox"/> Not dimmable	<input checked="" type="checkbox"/> Dimmable, 0-10V (IEC 60929)	<input checked="" type="checkbox"/> Elevated, (20kV / 10kA)
CERTIFICATIONS - LED LUMINAIRE			
SAFETY	AS/NZS 60598.1, AS/NZS 60598.2.3		CB+SAA Certified
EMC IMMUNITY	EN 61547, EN 55015, AS/NZS CISRP 15		EMC+CTICK Certified
HARMONIX CURRENT EMISSION	EN 61000.3.2, EN 61000.3, EN 61547		EMC+CTICK Certified
INGRESS PROTECTION	Ingress protection		IP65 / IP66
THD	Max. Total Harmonic Distortion (%)		20
IMPACT TEST	Resistance to external mechanical impact test		IK10
SALINE MIST TEST	Salt spray test to ISO 9227		1000 hours
PHOTOBIO. SAFETY	EN 62471		Exempt group
PHOTOBIO. SAFETY	EN 62778		Risk group 1
RoHS COMPLIANCE	European Directive 2011/65/EC		SGS Certified
MATERIAL - LED LUMINAIRE			
OPTICAL MATERIAL	Optical lens material		UVC-Polycarbonate
HOUSING MATERIAL	Cast Aluminium Alloy		A360
COPPER CONTENT	Max. Copper content (%)		0.60
PAINT	Self-cleaning and Anti-Graffiti Polyester coating		AXALTA

Designation for two-module luminaire: "TL260-YY-ZZ-UU-V-C"

PERFORMANCE CRITERIA - LED LUMINAIRE			
VOLTAGE	Nominal luminaire input voltage range		220-240 V
INPUT POWER	Nominal luminaire input power		260 W
POWER FACTOR	Min. power factor		0.90
LUMEN MAINT.	Min. % of initial output at 85,000 hours operation		95%
LMF	Min. Calculated Luminaire Maintenance Factor		0.80
CHROMATICITY SHIFT	Max. LED chromaticity shift at 6,000 hours operation		± 0.002 Duv
NOMINAL CCT	Rated correlated colour temperature		3985 ± 275 K
EFFICACY	Min. <i>maintained</i> luminaire efficacy		120 lm/W
FINISH	Luminaire housing finish colour		Grey *
WEIGHT	Max. luminaire weight		11.5 Kg
SAIL AREA	Max. effective sail area		0.090 m ²
MOUNTING ADAPTER	<input checked="" type="checkbox"/> Top-entry	<input checked="" type="checkbox"/> Side-entry	<input checked="" type="checkbox"/> Integral tilt (-15 to +15)
	Nominal pole size (NPS)		30-76 mm
VIBRATION	ANSI C136.31	<input type="checkbox"/> Level 1 (normal)	<input checked="" type="checkbox"/> Level 2 (bridge/overpass)
THERMAL ENVIRONMENT	Typical min. ambient temperature during operation		-30 °C
	Typical max. ambient temperature during operation		50 °C
SURGE PROTECTION DEVICE	ANSI C136.2	<input type="checkbox"/> Basic (6kV / 3kA)	<input type="checkbox"/> Enhanced (10kV / 5kA)
CONTROL INTERFACE	<input type="checkbox"/> None	<input type="checkbox"/> ANSI C136.10, 3-pin	<input type="checkbox"/> ANSI C136.41, 5-pin
LED DRIVER	<input checked="" type="checkbox"/> Not dimmable	<input checked="" type="checkbox"/> Dimmable, 0-10V (IEC 60929)	<input checked="" type="checkbox"/> Dimmable, DALI (IEC 62386)
CERTIFICATIONS - LED LUMINAIRE			
SAFETY	AS/NZS 60598.1, AS/NZS 60598.2.3		CB+SAA Certified
EMC IMMUNITY	EN 61547, EN 55015, AS/NZS CISRP 15		EMC+CTICK Certified
HARMONIX CURRENT EMISSION	EN 61000.3.2, EN 61000.3, EN 61547		EMC+CTICK Certified
INGRESS PROTECTION	Ingress protection		IP65 / IP66
THD	Max. Total Harmonic Distortion (%)		20
IMPACT TEST	Resistance to external mechanical impact test		IK10
SALINE MIST TEST	Salt spray test to ISO 9227		1000 hours
PHOTOBIO. SAFETY	EN 62471		Exempt group
PHOTOBIO. SAFETY	EN 62778		Risk group 1
RoHS COMPLIANCE	European Directive 2011/65/EC		SGS Certified
MATERIAL - LED LUMINAIRE			
OPTICAL MATERIAL	Optical lens material		UVC-Polycarbonate
HOUSING MATERIAL	Cast Aluminium Alloy		A360
COPPER CONTENT	Max. Copper content (%)		0.60
PAINT	Self-cleaning and Anti-Graffiti Polyester coating		AXALTA

Weight and Dimension

Model	Module Quantity	Weight (kg)	Dimension (L x W x H) (mm)	Sailing Area (m ²)
TL020-YY-ZZ-UU-V-C / TL085-YY-ZZ-UU-V-C	1	6.50	625 x 270 x 155	0.057
TL085-YY-ZZ-UU-V-C / TL165-YY-ZZ-UU-V-C	2	8.00	740 x 270 x 155	0.068
TL165-YY-ZZ-UU-V-C / TL250-YY-ZZ-UU-V-C	3	9.50	855 x 270 x 155	0.079
TL250-YY-ZZ-UU-V-C / TL320-YY-ZZ-UU-V-C	4	11.50	970 x 270 x 155	0.090

Remark:

- * Different colour temperature is available upon request.
- ** For other pole diameters, a different mounting adaptor is required.

