

B – Price List 2020 – Services

[€uros] – Valid from January 1st, 2020



Services for Lighting 2020

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Services for Lighting

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OxyTech, dedicated to light



OxyTech Headquarters – Cornaredo (Milan, Italy)




OxyTech Laboratory – Cornaredo (Milan, Italy)

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A – **New** – Goniophotometry and Goniospectrometry of LED Luminaires EN 17025 Accredited Laboratory

A1 – **New** – Goniophotometry and Goniospectrometry according to EN 13032-4 – LED Luminaires

New	
<p>The measurement performed on a turning luminaire goniophotometer includes:</p> <ul style="list-style-type: none"> • Goniophotometry • Goniospectrometry <p>In collaboration with Asselum OxyTech Group – ENAC Accredited laboratory It includes ENAC Accredited report according to EN 17025 Shipping costs to Barcelona being paid by the customer</p>	

General Luminaire

Code	Measurement Description	Via OXL file	With Report
		[€]	[€]
OX-SA1-01A	Goniophotometry C- γ (36 C - γ 1°)	==	300
OX-SA1-01B	Goniospectrometry C- γ (4 C - γ 5°)	==	280
OX-SA1-01C	Goniophotometry C- γ (36 C - γ 1°) + Goniospectrometry C- γ (4 C - γ 5°)	==	500
OX-SA1-01D	Goniophotometry C- γ (36 C - γ 1°) – 7 days	==	350
OX-SA1-01E	Goniophotometry C- γ (36 C - γ 1°) + Goniospectrometry C- γ (4 C - γ 5°) – 7 days	==	550
OX-SA1-01F	Goniophotometry C- γ (36 C - γ 1°) + Goniospectrometry 1 Point	==	400

Flood Lighting Luminaire

Code	Measurement Description	Via OXL file	With Report
		[€]	[€]
OX-SA1-02A	Goniophotometry V-H (CIE 43)	==	500
OX-SA1-02B	Goniospectrometry C- γ (16 C - γ 5°)	==	480
OX-SA1-02C	Goniophotometry V-H (CIE 43) + Goniospectrometry C- γ (16 C - γ 5°)	==	800
OX-SA1-02D	Goniophotometry V-H (CIE 43) – 7 days	==	550
OX-SA1-02E	Goniophotometry V-H (CIE 43) + Goniospectrometry C- γ (16 C - γ 5°) – 7 days	==	850
OX-SA1-02F	Goniophotometry V-H (CIE 43) + Goniospectrometry 1 Point	==	600

Road Lighting Luminaire


Code	Measurement Description	Via OXL file	With Report
		[€]	[€]
OX-SA1-03A	Goniophotometry C- γ (CIE 27)	==	480
OX-SA1-03B	Goniospectrometry C- γ (16 C - γ 5°)	==	460
OX-SA1-03C	Goniophotometry C- γ (CIE 27) + Goniospectrometry C- γ (16 C - γ 5°)	==	780
OX-SA1-03D	Goniophotometry C- γ (CIE 27) – 7 days	==	530
OX-SA1-03E	Goniophotometry C- γ (CIE 27) + Goniospectrometry C- γ (16 C - γ 5°) – 7 days	==	830
OX-SA1-03F	Goniophotometry C- γ (CIE 27) + Goniospectrometry 1 Point	==	580

Discounts – blocks of 5 measurements: 10% discount - up to 10 15% discount - 20 and over 20% discount

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A2 – **New** – Goniophotometry and Spherespectrometry according to IES LM-79 - LED Luminaires

<p>The measurement performed on a mirror goniophotometer and an integrating sphere includes:</p> <ul style="list-style-type: none"> • Goniophotometry • Spherespectrometry <p>In collaboration with Everfine LAB HangZhou – NVLAP Accredited Laboratory</p> <p>It includes NVLAP Accredited report according to EN 17025</p> <p>Shipping costs and custom charges being paid by the customer</p>	<div style="background-color: #00a651; color: white; padding: 5px; font-weight: bold; font-size: 1.2em;">New</div> 
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General, Flood Lighting or Road Lighting Luminaire

Code	Measurement Description	Via OXL file	With Report
		[€]	[€]
OX-SA2-01A	Goniophotometry + Spherespectrometry	==	500

A3 – **New** – Characterization of LED Light Engines and LED Lamps for Photometric Properties as a Function of Temperature according to IES LM-82

<p>The measurement includes:</p> <ul style="list-style-type: none"> • Operation of the luminaire or lamp into a temperature controlled thermal chamber according to IES LM-82 • Characterization of the photometric and colorimetric properties <p>In collaboration with Everfine LAB HangZhou – NVLAP Accredited Laboratory</p> <p>It includes NVLAP Accredited report according to EN 17025</p> <p>Shipping costs and custom charges being paid by the customer</p>	<div style="background-color: #00a651; color: white; padding: 5px; font-weight: bold; font-size: 1.2em;">New</div> <div style="background-color: #ccc; padding: 20px; font-weight: bold; font-size: 1.5em; color: #00a651;">IES LM-82</div>
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General, Flood Lighting or Road Lighting Luminaire

Code	Measurement Description	Via OXL file	With Report
		[€]	[€]
OX-SA3-01A	Characterization of the photometric and colorimetric properties	==	500

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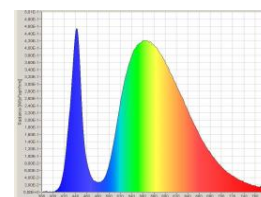
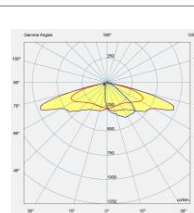
[€uros] – Valid from January 1st, 2020

B – Goniophotometry and Goniospectrometry – LED Luminaires

B1 – Measurements of Luminaires and LED sources according to EN 13032-4

The measurement performed on a mirror goniophotometer or on a turning luminaire goniophotometer includes:

- Goniophotometry and Goniospectrometry according to the EN 13032-4 or IES LM-79-08 standards in the visible field (380-780 nm)



General Luminaire and Light Source

Code	Measurement Description	Via OXL file	With Report
		[€]	[€]
OX-SB1-01A	Goniophotometry C- γ (36 C - γ 1°)	220	250
OX-SB1-01B	Goniospectrometry C- γ (4 C - γ 5°)	210	240
OX-SB1-01C	Goniophotometry C- γ (36 C - γ 1°) + Goniospectrometry C- γ (4 C - γ 5°)	320	360
OX-SB1-01D	Goniophotometry C- γ (36 C - γ 1°) – 7 days	270	300
OX-SB1-01E	Goniophotometry C- γ (36 C - γ 1°) + Goniospectrometry C- γ (4 C - γ 5°) – 7 days	370	410
OX-SB1-01F	Goniophotometry C- γ (36 C - γ 1°) + Goniospectrometry 1 Point	270	310

Flood Lighting Luminaire

Code	Measurement Description	Via OXL file	With Report
		[€]	[€]
OX-SB1-02A	Goniophotometry V-H (CIE 43)	280	310
OX-SB1-02B	Goniospectrometry C- γ (16 C - γ 5°)	240	270
OX-SB1-02C	Goniophotometry V-H (CIE 43) + Goniospectrometry C- γ (16 C - γ 5°)	400	440
OX-SB1-02D	Goniophotometry V-H (CIE 43) – 7 days	330	360
OX-SB1-02E	Goniophotometry V-H (CIE 43) + Goniospectrometry C- γ (16 C - γ 5°) – 7 days	450	490
OX-SB1-02F	Goniophotometry V-H (CIE 43) + Goniospectrometry 1 Point	330	370

Road Lighting Luminaire

Code	Measurement Description	Via OXL file	With Report
		[€]	[€]
OX-SB1-03A	Goniophotometry C- γ (CIE 27)	260	290
OX-SB1-03B	Goniospectrometry C- γ (16 C - γ 5°)	230	260
OX-SB1-03C	Goniophotometry C- γ (CIE 27) + Goniospectrometry C- γ (16 C - γ 5°)	440	480
OX-SB1-03D	Goniophotometry C- γ (CIE 27) – 7 days	310	340
OX-SB1-03E	Goniophotometry C- γ (CIE 27) + Goniospectrometry C- γ (16 C - γ 5°) – 7 days	490	530
OX-SB1-03F	Goniophotometry C- γ (CIE 27) + Goniospectrometry 1 Point	310	350

Remarks

- Discounts – Blocks of 10 measurements: 3% discount - Blocks from 11 up to 30 measurements 5% discount - Over 30 measurements 7% discount
- Consider a 25% discount in the case of subsequent measurements performed keeping the same luminaire fixed to the goniophotometer

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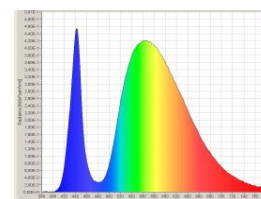
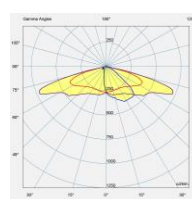
[€uros] – Valid from January 1st, 2020

B – Goniophotometry and Goniospectrometry - LED Luminaires and Sources

B2 – Measurements of Luminaires and LED sources according to IES LM-79-08

The measurement performed on a mirror goniophotometer includes:

- Goniophotometry and Goniospectrometry according to the IESNA LM-79-08 standard in the visible field (380-780 nm)



General Luminaire and Light Source

Code	Measurement Description according to IESNA LM-79-08	Via file OXL [€]	With Report [€]
OX-SB2-01A	Goniophotometry C- γ (36 C - γ 1°)	230	260
OX-SB2-01B	Goniospectrometry C- γ (4 C - γ 5°)	220	250
OX-SB2-01C	Goniophotometry C- γ (36 C - γ 1°) + Goniospectrometry C- γ (4 C - γ 5°)	330	370
OX-SB2-01D	Goniophotometry C- γ (36 C - γ 1°) – 7 days	280	310
OX-SB2-01E	Goniophotometry C- γ (36 C - γ 1°) + Goniospectrometry C- γ (4 C - γ 5°) – 7 days	380	420
OX-SB2-01F	Goniophotometry C- γ (36 C - γ 1°) + Goniospectrometry 1 Point	280	320

Flood Lighting Luminaire

Code	Measurement Description according to IESNA LM-79-08	Via file OXL [€]	With Report [€]
OX-SB2-02A	Goniophotometry V-H (CIE 43)	290	320
OX-SB2-02B	Goniospectrometry C- γ (16 C - γ 5°)	250	280
OX-SB2-02C	Goniophotometry V-H (CIE 43) + Goniospectrometry C- γ (16 C - γ 5°)	410	450
OX-SB2-02D	Goniophotometry V-H (CIE 43) – 7 days	340	370
OX-SB2-02E	Goniophotometry V-H (CIE 43) + Goniospectrometry C- γ (16 C - γ 5°) – 7 days	460	500
OX-SB2-02F	Goniophotometry V-H (CIE 43) + Goniospectrometry 1 Point	340	380

Road Lighting Luminaire

Code	Measurement Description according to IESNA LM-79-08	Via file OXL [€]	With Report [€]
OX-SB2-03A	Goniophotometry C- γ (CIE 27)	270	300
OX-SB2-03B	Goniospectrometry C- γ (16 C - γ 5°)	240	270
OX-SB2-03C	Goniophotometry C- γ (CIE 27) + Goniospectrometry C- γ (16 C - γ 5°)	450	490
OX-SB2-03D	Goniophotometry C- γ (CIE 27) – 7 days	320	350
OX-SB2-03E	Goniophotometry C- γ (CIE 27) + Goniospectrometry C- γ (16 C - γ 5°) – 7 days	500	540
OX-SB2-03F	Goniophotometry C- γ (CIE 27) + Goniospectrometry 1 Point	320	360


Remarks

- Discounts – Blocks of 10 measurements: 3% discount - Blocks from 11 up to 30 measurements 5% discount - Over 30 measurements 7% discount
- Consider a 25% discount in the case of subsequent measurements performed keeping the same luminaire fixed to the goniophotometer

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B3 – Photometric Measurements of Emergency Lighting Luminaires according to EN 1838:2013

<p>Measurement of the luminances of the pictogram on an emergency lighting luminaire in the points described in the EN 1838:2013 standard, in particular:</p> <ul style="list-style-type: none"> • luminance measurement in n points of the pictogram • measurement of the CIE chromaticity coordinates 	
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Emergency Lighting Luminaire

Code	Measurement Description according to EN 1838	Via file OXL	With Report
		[€]	[€]
OX-SB3-01A	Luminance Measurement in n points and measurement of the chromaticity coordinates	===	350


B4 – Measurements of Emergency Lighting Luminaires: Assessment of the Luminous flux decay according to EN 60598-2-22:2015 Chapter 22-17

<p>The measurement includes:</p> <ul style="list-style-type: none"> • general photometric measurement C-γ (36 C- γ 1°) with mains power supply for determining the luminous flux • luminous flux decay with battery/inverter power supply • measurement report 	
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Emergency Lighting Luminaire

Code	Measurement Description according to EN 60598-2-22:2015 Chapter 22-17	Via file OXL	With Report
		[€]	[€]
OX-SB4-01A	Goniophotometry C- γ (36 C- γ 1°) and luminous flux decay measurement	===	390

B5 – Measurement of LED Light Sources by using a Goniophotometer

<p>The measurement includes:</p> <ul style="list-style-type: none"> • general measurement C-γ (36 C- γ 1°) according to 13032-4 for determining the luminous flux • determination of the Energy Efficiency Class according to the UE 874/2012 and supply of the label • measurement report (upon request) 	
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LED Light Sources

Code	Measurement Description according to EN 13032-4	Via file OXL	With Report
		[€]	[€]
OX-SB5-01A	Goniophotometry C- γ (36 C- γ 1°) and determination of the Energy Efficiency Class	220	250

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C – **New** – Various Measurements - LED Light Sources

C1 – **New** – Measurement of Luminaire Temperature and Data Interpolation according to IES TM-21

	New
<p>Measurement and Interpolation of the luminaire data according to IES TM-21, including:</p> <ul style="list-style-type: none"> measurement of the luminaire temperatures from ignition to the fully thermal operational mode report in a selected language according to IES TM-21 (the customer undertakes to provide LED data sheets according to IES LM-80) 	IES TM-21

Luminaire			
Code	Measurement Description according to IES TM-21	Via file OXL	With Report
		[€]	[€]
OX-SC1-01A	Temperature Measurement according to IES TM-21	===	200

C2 – **New** – Flicker Measurement of Lamps and luminaires according to IEC TR 61547

	New
<p>Flicker measurement of lamps and luminaires according to IEC TR 61547 standard</p>	Flicker IEC TR 61547

Luminaire and Light Source			
Code	Measurement Description according to IEC TR 61547	Via file OXL	With Report
		[€]	[€]
OX-SC2-01A	Flicker measurement according to IEC TR 61547	===	150

C3 – **New** – Photobiological Risk of Luminaires according to IEC TR 62778

	New
<p>Measurement to assess the photobiological risk of luminaires according to IEC TR 62778 standard.</p> <p>The measurement includes the goniophotometry of the luminaire and the assessment of the photobiological risk in the position of maximum intensity being the photometer placed at a distance which produces an illuminance of 500 lux</p>	Photobiological Risk IEC TR 62778

Luminaire and Light Source			
Code	Measurement Description according to IEC TR 61547	Via file OXL	With Report
		[€]	[€]
OX-SC3-01A	Photobiological Risk Measurement according to IEC TR 62778	===	350

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D – Goniophotometry and Goniospectrometry – LED Luminaires

Horticultural Lighting

D1 – Measurements of Luminaires and LED sources according to **EN 13032-4 + ANSI/ASABE S640**

Goniophotometry and Goniospectrometry of LED luminaires for the assessment of the following parameters relevant to horticultural lighting:

- Luminous Flux [Φ]
- Polar Distribution of Intensities [cd]
- Photosynthetic Photon Flux PPF [$\mu\text{mol/s}$]
- Photosynthetic Photon Flux Efficiency PPF/W [$\mu\text{mol/J}$]
- Correlated Color Temperature (CCT) [K]
- R/B Ratio
- Photosynthetic Photon Flux Density PPF/D [$\mu\text{mol/m}^2\text{s}$]
- Yield Photon Flux Density YPF/D [$\mu\text{mol/m}^2\text{s}$]



General Luminaire and Light Source

Code	Measurement Description according to EN 13032-4:2015 + ANSI/ASABE S640	Via file OXL	With Report
		[€]	[€]
OX-SD1-01A	Goniophotometry C- γ (36 C - γ 1°) + Goniospectrometry C- γ (4 C - γ 5°)	==	310
OX-SD1-01B	Goniophotometry C- γ (36 C - γ 1°) + Goniospectrometry C- γ (4 C - γ 5°) – 7 days	==	360

Flood Lighting Luminaire

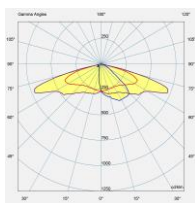
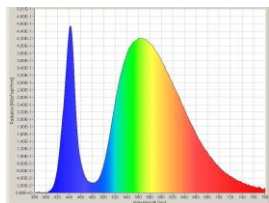
Code	Measurement Description according to EN 13032-4:2015 + ANSI/ASABE S640	Via file OXL	With Report
		[€]	[€]
OX-SD1-02A	Goniophotometry V-H (CIE 43) + Goniospectrometry C- γ (16 C - γ 5°)	==	330
OX-SD1-02B	Goniophotometry V-H (CIE 43) + Goniospectrometry C- γ (16 C - γ 5°) – 7 days	==	380

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E - Goniophotometry and Goniospectrometry – Conventional Light Sources

E1 – Measurements of Luminaires and Light Sources according to EN 13032-1 + -2 + -3

<p>The measurement includes:</p> <ul style="list-style-type: none"> measurement performed on a goniophotometer according to EN 13032 and following the required steps 		
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General Luminaire and Light Source

Code	Measurement Description according to EN 13032-1 + -2 + -3	Via file OXL	With Report
		[€]	[€]
OX-SE1-01A	Goniophotometry C- γ (24 C - γ 1°)	250	280
OX-SE1-01B	Goniospectrometry C- γ (4 C - γ 5°)	240	270
OX-SE1-01C	Goniophotometry C- γ (24 C - γ 1°) + Goniospectrometry C- γ (4 C - γ 5°)	350	390
OX-SE1-01D	Goniophotometry C- γ (24 C - γ 1°) – 7 days	300	330
OX-SE1-01E	Goniophotometry C- γ (24 C - γ 1°) + Goniospectrometry C- γ (4 C - γ 5°) – 7 days	400	440
OX-SE1-01F	Goniophotometry C- γ (24 C - γ 1°) + Goniospectrometry 1 Point	300	340

Flood Lighting Luminaire

Code	Measurement Description according to EN 13032-1 + -2 + -3	Via file OXL	With Report
		[€]	[€]
OX-SE1-02A	Goniophotometry V-H (CIE 43)	310	340
OX-SE1-02B	Goniospectrometry C- γ (16 C - γ 5°)	270	300
OX-SE1-02C	Goniophotometry V-H (CIE 43) + Goniospectrometry C- γ (16 C - γ 5°)	430	470
OX-SE1-02D	Goniophotometry V-H (CIE 43) – 7 days	340	390
OX-SE1-02E	Goniophotometry V-H (CIE 43) + Goniospectrometry C- γ (16 C - γ 5°) – 7 days	480	520
OX-SE1-02F	Goniophotometry V-H (CIE 43) + Goniospectrometry 1 Point	360	400

Road Lighting Luminaire

Code	Measurement Description according to EN 13032-1 + -2 + -3	Via file OXL	With Report
		[€]	[€]
OX-SE1-03A	Goniophotometry C- γ (CIE 27)	290	320
OX-SE1-03B	Goniospectrometry C- γ (16 C - γ 5°)	260	290
OX-SE1-03C	Goniophotometry C- γ (CIE 27) + Goniospectrometry C- γ (16 C - γ 5°)	470	510
OX-SE1-03D	Goniophotometry C- γ (CIE 27) – 7 days	340	370
OX-SE1-03E	Goniophotometry C- γ (CIE 27) + Goniospectrometry C- γ (16 C - γ 5°) – 7 days	520	560
OX-SE1-03F	Goniophotometry C- γ (CIE 27) + Goniospectrometry 1 Point	340	380


Remarks

- Discounts – Blocks of 10 measurements: 3% discount - Blocks from 11 up to 30 measurements 5% discount - Over 30 measurements 7% discount

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E2 – Photometric Measurements of Emergency Lighting Luminaires according to EN 1838:2013

<p>Measurement of the luminances of the pictogram on an emergency lighting luminaire in the points described in the EN 1838:2013 standard, in particular:</p> <ul style="list-style-type: none"> • lamp characterization for 100 hours or according to the standard • luminance measurement in n points of the pictogram • measurement of the CIE chromaticity coordinates 	
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Emergency Lighting Luminaire			
Code	Measurement Description according to 1838:2013	Via file OXL	With Report
		[€]	[€]
OX-SE2-01A	Luminance Measurement in n points and measurement of the chromaticity coordinates	===	420

E3 – Measurements of Emergency Lighting Luminaires: Assessment of the Luminous flux decay according to EN 60598-2-22:2015 Chapter 22-17

<p>The measurement includes:</p> <ul style="list-style-type: none"> • lamp characterization for 100 hours or according to the standard • general photometric measurement C-γ (24 C- γ 1°) with mains power supply for determining the luminous flux • luminous flux decay with battery/inverter power supply • measurement report 	
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Emergency Lighting Luminaire			
Code	Measurement Description according to EN 60598-2-22:2015 Chapter 22-17	Via file OXL	With Report
		[€]	[€]
OX-SE3-01A	Goniophotometry C- γ (24 C- γ 1°) and luminous flux decay measurement	===	440

E4 – Measurements of Conventional Lamps performed on Goniophotometers according to 13032-1 + -2 + -3

<p>The measurement of the lamp, with power supply provided by the customer, includes:</p> <ul style="list-style-type: none"> • lamp characterization for 100 hours (or according to the standard) • general measurement C-γ (24 C- γ 1°) according to EN 13032-1 + -2 + -3 for determining the luminous flux • determination of the Energy Efficiency Class according to the UE 874/2012 and supply of the label 	
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Conventional Light Source			
Code	Measurement Description according to EN 13032-1 + -2 + -3	Via file OXL	With Report
		[€]	[€]
OX-SE4-01A	Goniophotometry C- γ (24 C- γ 1°) for determining the flux and the Energy Efficiency Class	290	320
OX-SE4-01B	Goniophotometry C- γ (24 C- γ 1°) for determining the flux and the Energy Efficiency Class (*)	240	270

(*) without light source characterization for 100 hours

B – Price List 2020 – Services

[€uros] – Valid from January 1st, 2020

F – Various Services

F1 – Laboratory Rental and Various Services

Code	Description	Price [€]
OX-SF1-01A	Laboratory Rental with OxyTech personnel Assistance - [per day/8 hours]	1.600
OX-SF1-02A	Measurement urgent service done within 7 days from luminaire delivery	50
OX-SF1-03A	Measurement Certification (Regional Law) – for each certification	80
OX-SF1-04A	Measurement report requested after the supply of the photometric file	30
OX-SF1-05A	Report in a language different from the first	40

F2 – OxyTech Assistance

Code	Description	Price [€]
OX-SF2-01A	Telephone Assistance on OxyTech Programs Use – Junior Assistance - [h]	40
OX-SF2-01B	Telephone Assistance on OxyTech Programs Use – Master Assistance - [h]	80
OX-SF2-02A	Assistance via e-mail on OxyTech Programs Use – Junior Assistance - [h]	40
OX-SF2-02B	Assistance via e-mail on OxyTech Programs Use – Master Assistance - [h]	80
OX-SF2-03A	Telephone Assistance on Lighting Design Standards – Master Assistance - [h]	80
OX-SF2-03B	Telephone Assistance on OxyTech Goniophotometers – Master Assistance - [h]	80
OX-SF2-04A	Unregistration of LITESTAR and LITESTAR 4D software activation code	10

F3 – Blocks of Assistance

Code	Description	Price [€]
OX-SF3-01A	300 € Block of Assistance	300
OX-SF3-01B	600 € Block of Assistance	600

B – Price List 2020 – Services

[€uros] – Valid from January 1st, 2020

F4 – Training Courses and Consultancy

Code	Description	Price [€]
OX-SF4-01A	Face-to-face Courses on OxyTech Programs - [h]	110
OX-SF4-01B	Face-to-face Courses on the Use of OxyTech Goniophotometers - [h]	110
OX-SF4-01C	Face-to-face Courses on Lighting Engineering - [h]	110
OX-SF4-01D	Additional person from the second participant (certificate of attendance issued)	200
OX-SF4-02A	Courses via Internet on OxyTech Programs – [h]	80
OX-SF4-02B	Courses via Internet on the Use of OxyTech Goniophotometers - [h]	80
OX-SF4-02C	Courses via Internet on Lighting Engineering - [h]	80
OX-SF4-02D	Additional person from the second participant (certificate of attendance issued)	200
OX-SF4-03A	Face-to-face Lighting Engineering Consultancy - [h]	80
OX-SF4-03B	Lighting Engineering Consultancy via Internet - [h]	80

Remarks

Face-to-face course are held at the Customer's or at OxyTech's Headquarters. Courses via Internet are held via Internet using the software GoToMeeting. A certificate of attendance will be issued to all participants to the courses.

F5 – Photometric and Spectrometric Data Processing

Code	Description	Price [€]
OX-SF5-01A	Basic Extrapolation of photometric data from from LDT, IES or OXL file – each	10
OX-SF5-01B	Advanced Extrapolation of photometric data from LDT, IES or OXL file – each	80
OX-SF5-02A	Photometry Symmetrization - Each	10
OX-SF5-03A	Conversion of File FOTOM.FDB into OxyData.MDB – each photometry	2
OX-SF5-03B	Conversion of OXL format into LDT/IES – each	5
OX-SF5-04A	Relative Isocandle Curve – each	10
OX-SF5-04B	Isolux Curve – each	10
OX-SF5-04C	Relative Isolux Curve and Graph Rendering – each	10
OX-SF5-04D	Glare Diagram CIE55/DIN5035/CIBSE TM5 – each	10
OX-SF5-04E	Beam Spread Diagram – each	10
OX-SF5-04F	Cartesian Diagram – each	10
OX-SF5-04G	Isocandle Diagram – each	10
OX-SF5-04H	Polar Diagram – each	10
OX-SF5-04I	International Photometric Classification CIE/DIN/UTE/NBN – each	10
OX-SF5-04J	Utilization Factors CIE40 – each	10
OX-SF5-04K	Road luminaire classif. IES TM-15 (BUG) – each	10
OX-SF5-04L	Road Classification THROW, ULOR, DLOR... – each.	10
OX-SF5-04M	Glare Assessment - UGR chart – each	10

Remarks

Discounts:

- from 51 up to 100 - 50%
- from 101 ... - 75%

B – Price List 2020 – Services

[€uros] – Valid from January 1st, 2020

F6 – Project Processing

Code	Description	Price [€]
OX-SF6-01A	Project Processing – [h]	80

F7 – Interactive Electronic Catalog Management for Liswin/WebCatalog

Code	Description	Price [€]
OX-SF7-01A	Creation of Webcatalog from BEF file (Bridge Excel File) – 250-item block	500
OX-SF7-01B	Creation of Webcatalog from photometric files (LDT, IES) – 250-item block	200
OX-SF7-02A	WebCatalog Publication via ftp in WebOxy	300
OX-SF7-03A	Update of Catalog Date in OxyTech MDB format – 250-item block	1.500

F8 – **New** – Instrument Calibration

Code	Description	Price [€]
OX-SF8-01A	New – Luxmeter Calibration (portable/laboratory) – Third-party laboratory	290
OX-SF8-01B	New – Luxmeter Calibration (portable/laboratory) – Partial pre-delivery test	100
OX-SF8-01C	New – Luxmeter Calibration (portable/laboratory) – Full pre-delivery test	300
OX-SF8-01D	New – Luxmeter Calibration (portable/laboratory) – Freight shipping by air: OxyTech Laboratory – Supplier Laboratory – OxyTech Laboratory- Customer Headquarters in Europe	430
OX-SF8-01E	New – Luxmeter Calibration (portable/laboratory) – Freight shipping by road: OxyTech Laboratory – Supplier Laboratory – OxyTech Laboratory- Customer Headquarters in Europe	240
OX-SF8-02A	New – Wattmeter Calibration	800
OX-SF8-03A	New – Spectroradiometer Calibration	1.750
OX-SF8-03B	New – Spectroradiometer Calibration – Partial pre-delivery test	100
OX-SF8-03C	New – Spectroradiometer Calibration – Full pre-delivery test	300
OX-SF8-03D	New – Spectroradiometer Calibration – Freight shipping by air: OxyTech Laboratory – Supplier Laboratory – OxyTech Laboratory- Customer Headquarters in Europe	430
OX-SF8-03E	New – Spectroradiometer Calibration – Freight shipping by road: OxyTech Laboratory – Supplier Laboratory – OxyTech Laboratory- Customer Headquarters in Europe	240
OX-SF8-04A	New – Goniophotometer Calibration/Allignment	Upon request

F9 – Generation of BIM IFC and Generic Native Generic Files

Code	Description	Price [€]
OX-SC9-01A	Generation of BIM IFC file – single product	180
OX-SC9-01B	Generation of RFA file for Revit – single product	180

B – Price List 2020 – Services

[€uros] – Valid from January 1st, 2020

Supply Conditions

Photometric measurements and Laboratory Tests

The current price list regard test samples delivered/returned carriage paid to/from our laboratories in via G.B. Vico 54, 20010 Cornaredo MI Italy unless otherwise agreed. Samples are to be collected by the customer at their own expenses within 10 days from the consignment of the elaborations, after which, and should the customer fail to do so, OxyTech will dispose of the samples at the local refuse site and will charge the customer the resulting costs.

Measurements of direct and indirect luminaires must be considered as two single measurements.

Supply includes delivery of the OXL file and/or of the measurement report together with the Polar or Cartesian diagram

Disputes: OxyTech agrees, in case of dispute, to carry out the measurements again as long as the original samples are available. Disputes will not be taken into consideration where the original samples marked by OxyTech are unavailable. Should the new tests give the same results as those effected before, they will be charged to the customer

Support Bracket

The luminaire support bracket on the goniophotometer is included in the price in the case of a normal assembly; in all other cases it will be estimated separately before carrying out measurements

Assistance

Telephone assistance is always calculated as given for periods of 15 minutes each even if shorter

Courses

Training courses are to be carried out in the OxyTech offices and laboratories.

In the case of courses held in the customer's offices, expenses of travel, board and lodging of our personnel will be charged to the customer

Prices

The prices in this list are in €uros exclusive of VAT and may be altered without obligation of notice on the part of OxyTech

Discounts

- ▶ 20% discount on prices on this list to LITESTAR users with a Maintenance Contract for License B in force
- ▶ Block of 10 measurements: 3% - Block of 11-30 measurements: 5% - Block of 30-xx measurements: 7%

Customs and Bank Expenses

All customs and bank expenses are charged to the customer unless otherwise agreed

Extra Supply Conditions

Supplies are considered made according to our General Conditions of Supply of Products and Services

 <p style="text-align: center;">Polar Diagram</p>	 <p style="text-align: center;">Beam Spread Diagram</p>
<p>OxyTech Srl Registered and Operational Office Via G.B. Vico 54/56 - I-20010 Cornaredo MI Italy EU Tel. +39 02 93563258 WebOxy www.oxytech.it - e-mail info@oxytech.it</p> <p>VAT Number I-08413160154 – Company Registration Number Mi n. 1221909 Capital Stock 31.200,00 Euros - PEC: Oxytech@PEC.IT Bank: Intesa-Sanpaolo Spa. – Rho Branch IBAN IT12 W03069 20502 10000 0001758 – BIC BCITITMM</p>	