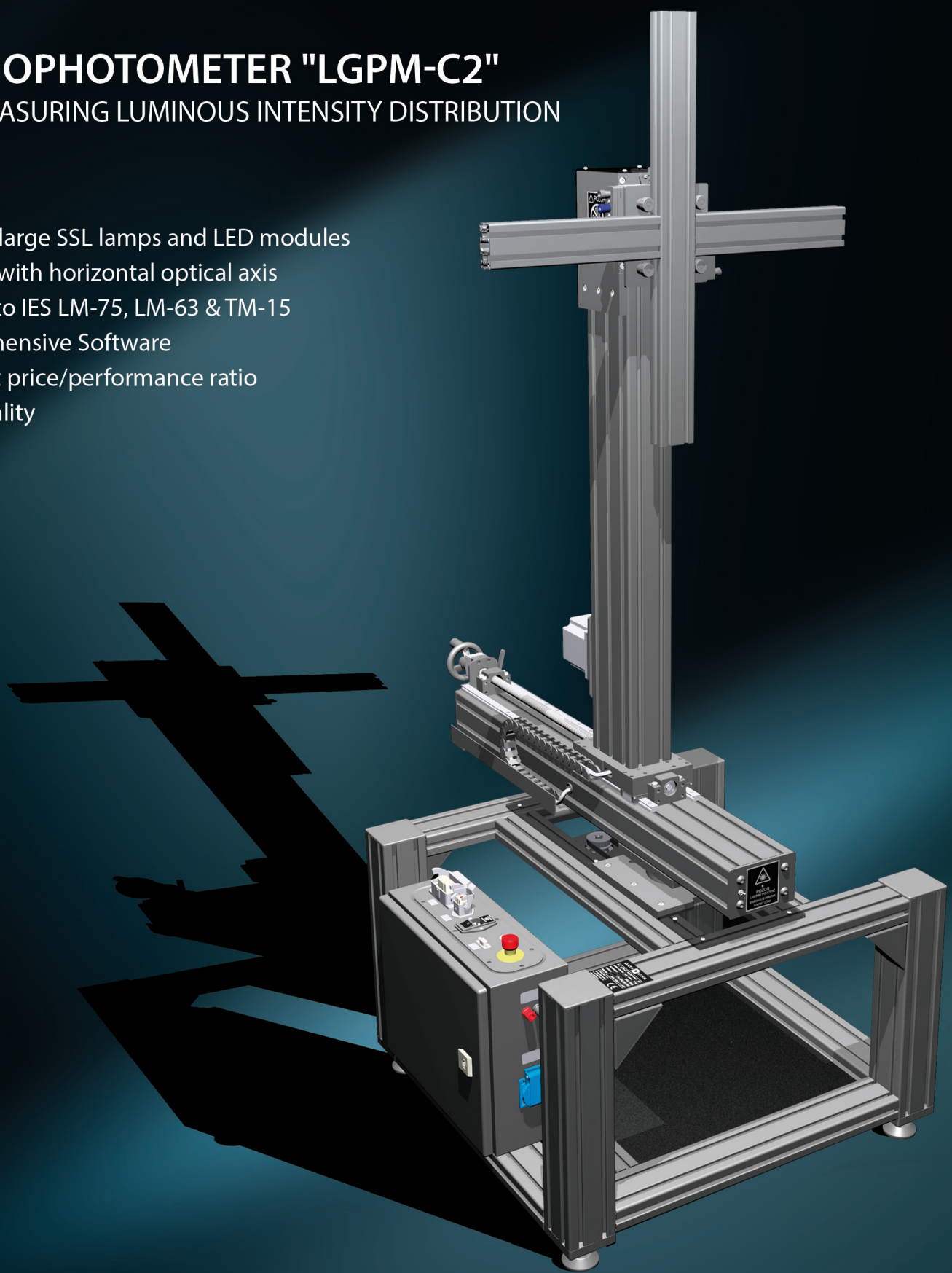
DATA LINK

GONIOPHOTOMETER "LGPM-C2"

FOR MEASURING LUMINOUS INTENSITY DISTRIBUTION

Ideal for large SSL lamps and LED modules
Type "C" with horizontal optical axis
Comply to IES LM-75, LM-63 & TM-15
Comprehensive Software
Excellent price/performance ratio
High quality



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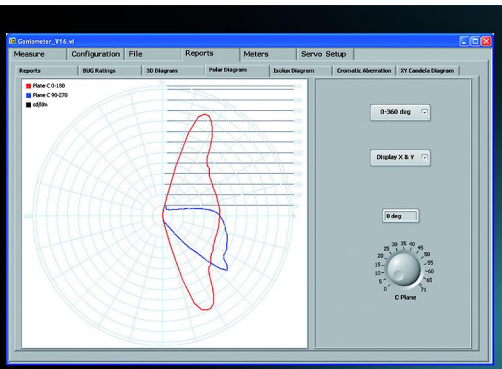
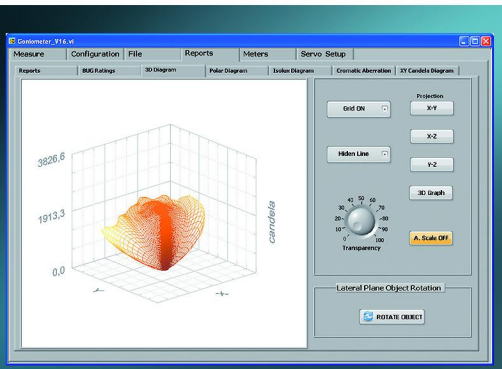
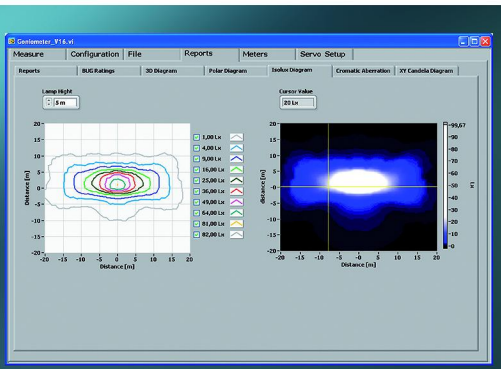
FOR MEASURING LUMINOUS INTENSITY DISTRIBUTION

LGPM-C2 Goniophotometer	
Goniometer	
CIE Goniometer type	Type C with horizontal optical axis, comply to LM-75, LM-63 & TM-15
Driver	Servo motors with Harmonic Drives ®
Angular range C axis	0-360° with optical end switches
Angular range γ axis	± 180° with optical end switches
Angular resolution	0.005°
Repeatability C axis	≤ 0.1° (at maximal load)
Repeatability γ axis	≤ 0.1° (at maximal load)
Angular step C & γ axis	1° to 30° selectable
Travel range Z axis (lamp depth)	0 to 350 mm via hand crank (integrated measuring scale in 0,1 mm steps) Other depths are possible
Clear height	850 mm
Height of optical axes	1500 mm
Dimensions & weight	W 720 mm, D 1055 mm, H 1560 mm; 75 kg
Alignment laser	In the center of rotation of the γ axis, 1 mW laser class 2
Sample Hub	
Maximum luminary size	1500 mm diameter
Maximum rated load	30 kg
Fixing Hub	4 x M5 thread with locating pins
Lamp power connection	DC Power connection +/-; AC Power connection L + N + PE Remote power ON/OFF
LGPM-C2 Controller	
Functions	Driving the servo motors of the goniometer, supplying the lamp with the power
Interfaces	RS-232-C for connecting the servo motors to the PC
Cabinet dimensions	W 380 mm, D 155 mm, H 300 mm
Power supply	230 V; approx. 150 VA + Lamp power (max. 1500 VA)
LabVIEW Control program	
Controlling device	Laptop or standard PC with available 2 x USB 2.0 ports
Photometric file formats	IES, LDT
PDF reports file	Test & manufacturer data, 3D diagram, Polar diagram, XY Candela diagram, Isolux diagram, Chromatic shift, BUG ratings
Photometer type	KONICA MINOLTA CL-200 A

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