

Photometric Report



W-C-C 25°



impression



— since 1994 —

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Impression 90 WCC 25° – Photometric Report

GLP R&D Center Germany, 15.07.2010

Manufacturer: GLP German Light Products GmbH, Im Stöckmädle 13,
76307 Karlsbad, Germany

Product: Impression 90 WCC 25°

Light Source:

Model: Philips Lumileds Luxeon K2 LED
Configuration: 60 x cold white, 30 x warm white LED in WCC array configuration
Rated Service Lifetime: 50000 h

Power Supply:

Power supply: Electronic, built in
Power Factor: 0.994

Test conditions:

AC supply: U = 230 V AC / f = 50Hz
Lens Option: 25°
Frost Filter Option: no
Room Temp.: 25°C
Position: horizontal
Symmetry: rational
Efficiency factor: 100%

Photometric Procedure:

Date: 15.07.2010
Goniometer Model: LMT GO-DS 2000 automated Goniometer
Measurement Method: DIN EN 13032-1 / C-Layer Measurement dC15° dG0,5°
Throw distance: 14,56m
Data File Format: according to ANSI/IESNA LM-63-02
File Name: Impression 90 WCC 25°.ies

Output:

Total: $\gamma 90^\circ = 7359$ lumens
 $\gamma 0^\circ = 5026$ cd/klm

Electric Variable:

Power Consumption: $P = 345$ W
Current Draw: $I = 1,5$ A

Luminaire Type: Multiple-lamp Far-field luminaire
Luminaire efficacy: 21.3 lm/W
Intended throw: ≥ 3 m

Ambient Temperature Limits: $0^\circ\text{C} - 45^\circ\text{C}$

Dimension (L x W x H): 234 x 340 x 320 mm

Dimension Lens (H x Ø): 30 x 225 mm

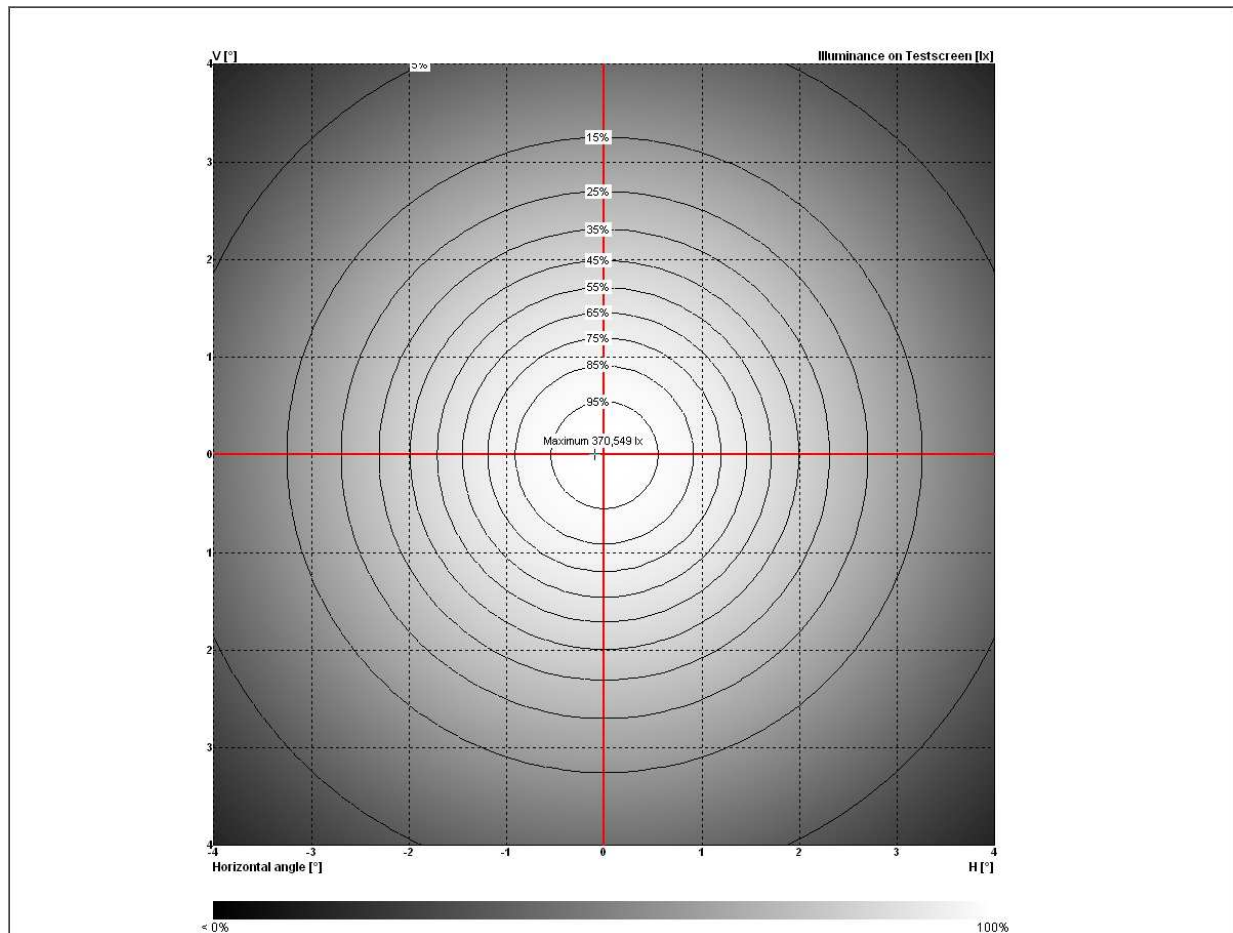
Weight: 7.5 Kg

Approvals: Din EN ISO/IEC 17025:2005, EN 60598-1, EN 60598-2-17,
EN 55 015, EN 55 103, EN 61 000-3
ANSI/UL 1573, CSA C22.2 No. 166

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Illuminance distribution diagram

Full on



Polarcurve diagrams:

Full on

