

Photometric Report

VOLKS | LICHT

R-G-B



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Volkslicht RGB 10° – Photometric Report

GLP R&D Center Germany, 15.07.2010

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

Product: Volkslicht 60 RGB 10°

Light Source:

Model: Philips Lumileds Luxeon Rebel LED
Configuration: 18 x red, 21 x green, 21 x blue color LED in RGB array configuration
Rated Service Lifetime: 50000 h

Power Supply:

Power supply: Electronic, built in
Power Factor: 0.806

Test conditions:

AC supply: U = 230 V AC / f = 50Hz
Lens Option: 10°
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: Volkslicht 60 RGB.ies

Output:

Total: γ 90° = 2277 lumens
 γ 0° = 21038 cd/klm

Electric Variable:

Power Consumption: P = 97,52 W
Current Draw: I = 0,52 A

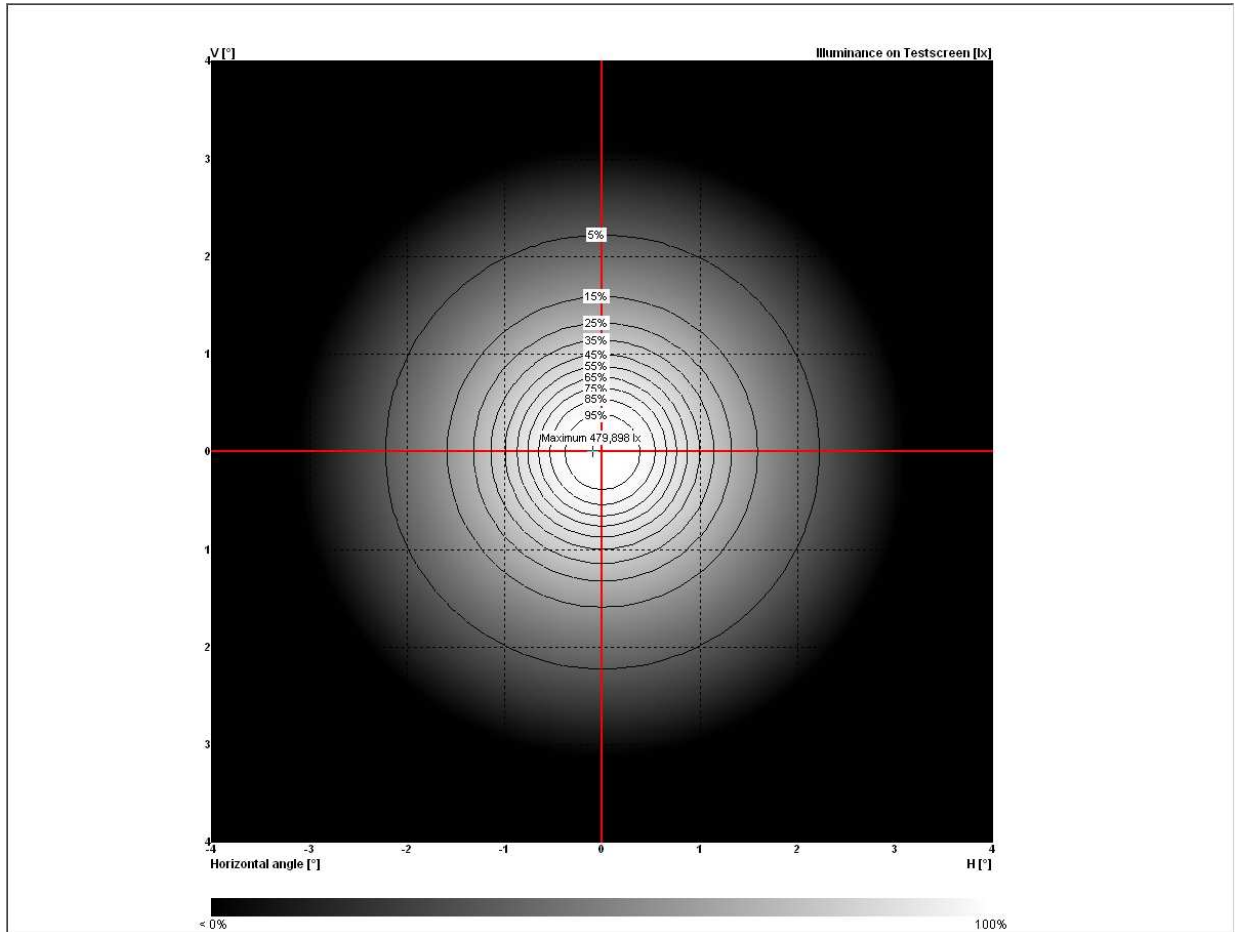
Luminaire Type: Multiple-lamp Far-field luminaire
Luminaire efficacy: 23.4 lm/W
Intended throw: >= 3m

Ambient Temperature Limits: 0°C – 45°C
Dimension (L x W x H): 242 x 285 x 310 mm
Dimension Lens (H x Ø): 22 x 190 mm
Weight: 7.8 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

