

Photometric Report

VOLKS|LICHT_Z **R-G-B/Zoom**



e-mail: service@glp.de
Internet: <http://www.glp.de>

Volkslicht 60 Zoom RGB – 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 Zoom RGB

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: 0.855

Test conditions:

AC supply: U = 230 V AC / f = 50Hz
Lens Option: 10° 26°
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 Zoom RGB.ies

Output:

Total (Spot): γ 90° = 2006 lumens
 γ 0° = 19502 cd/klm
Total (Wash): γ 90° = 2058 lumens
 γ 0° = 8115 cd/klm

Electric Variable:

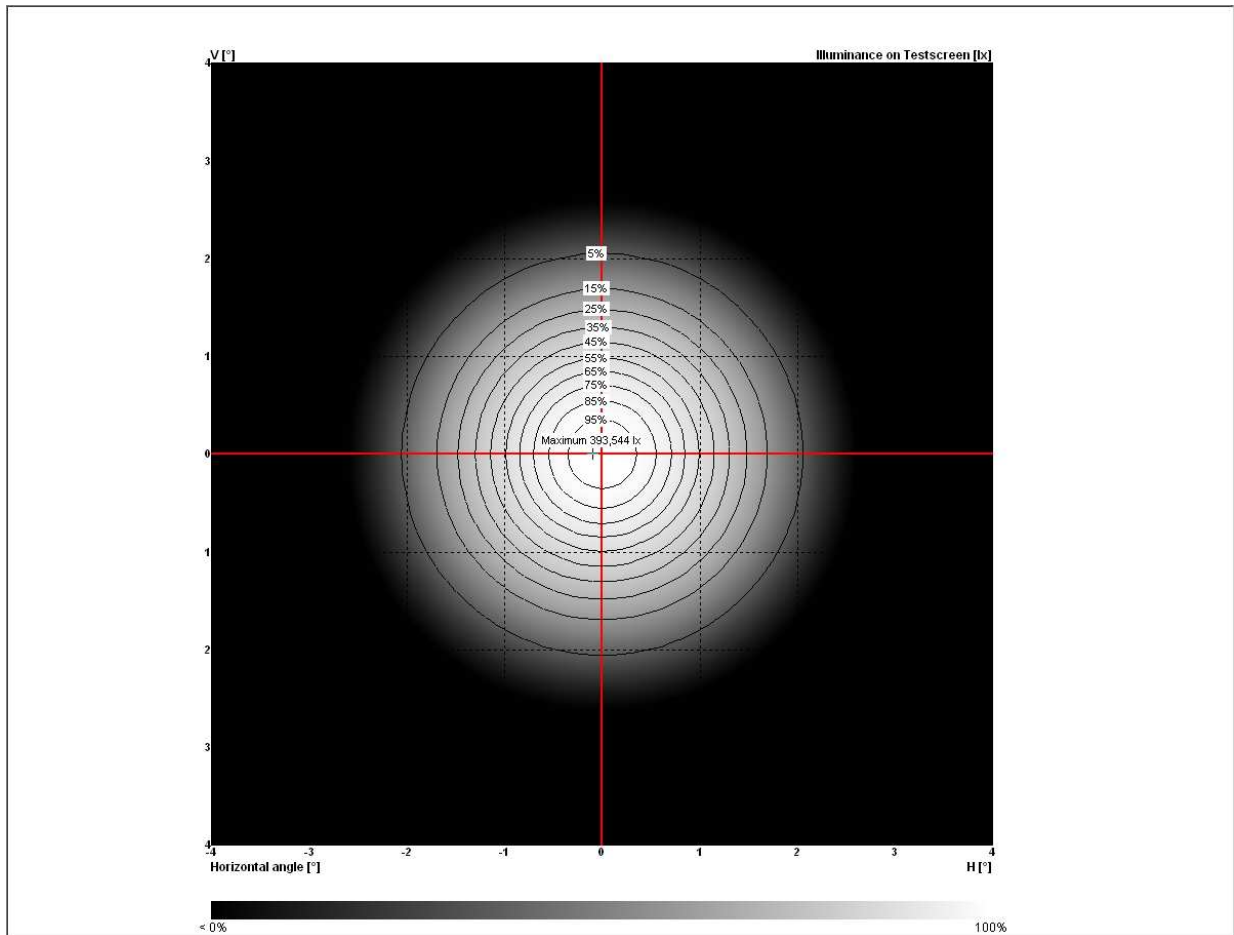
Power Consumption: P = 128,4 W
Current Draw: I = 0,65 A
Power Consumption: P = 128,4 W
Current Draw: I = 0,65 A

Luminaire Type:	Multiple-lamp Far-field luminaire
Luminaire efficacy:	16.1 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):	0 x 190 mm / 15 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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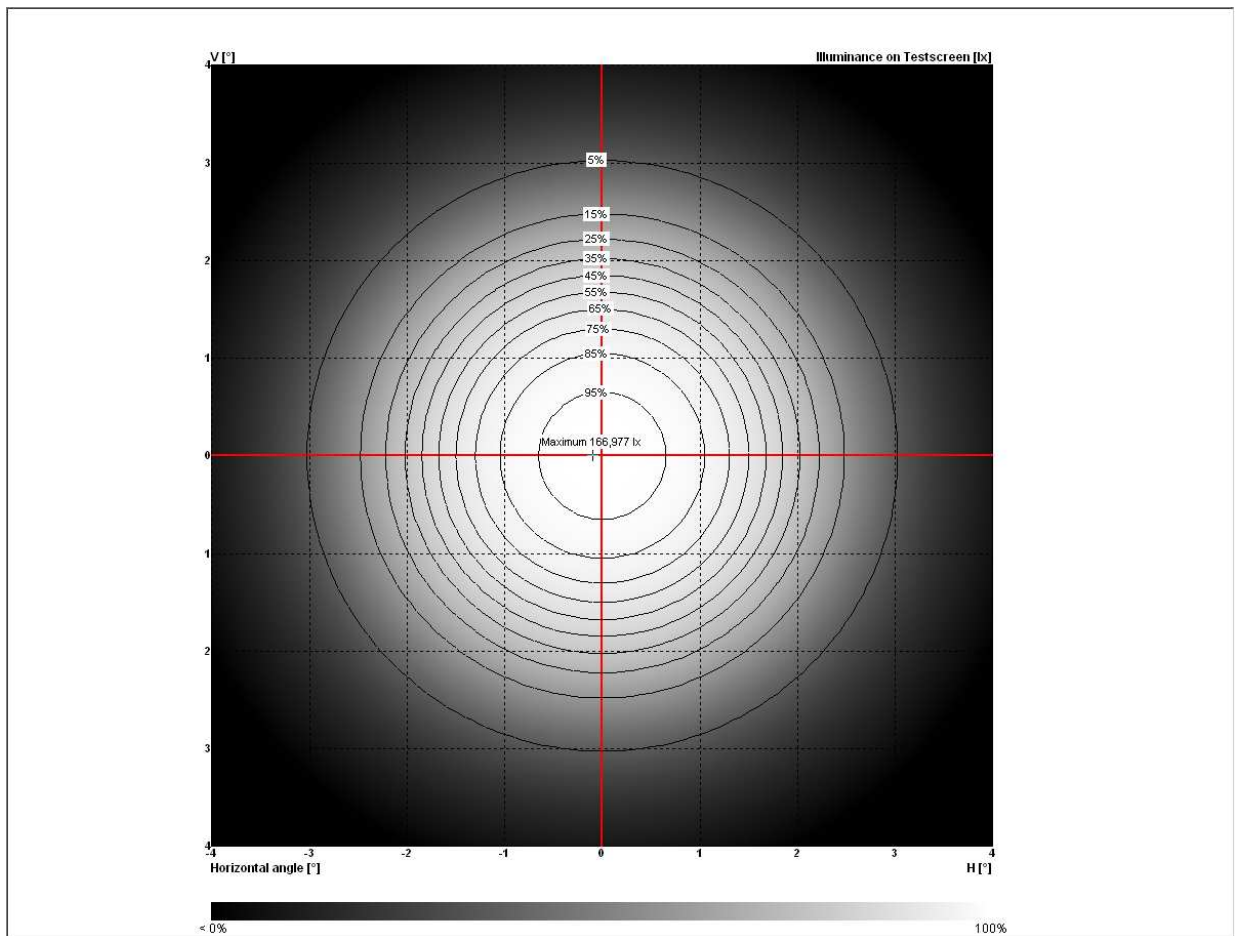
Illuminance distribution diagram

Full on (Spot)



393,544 lx

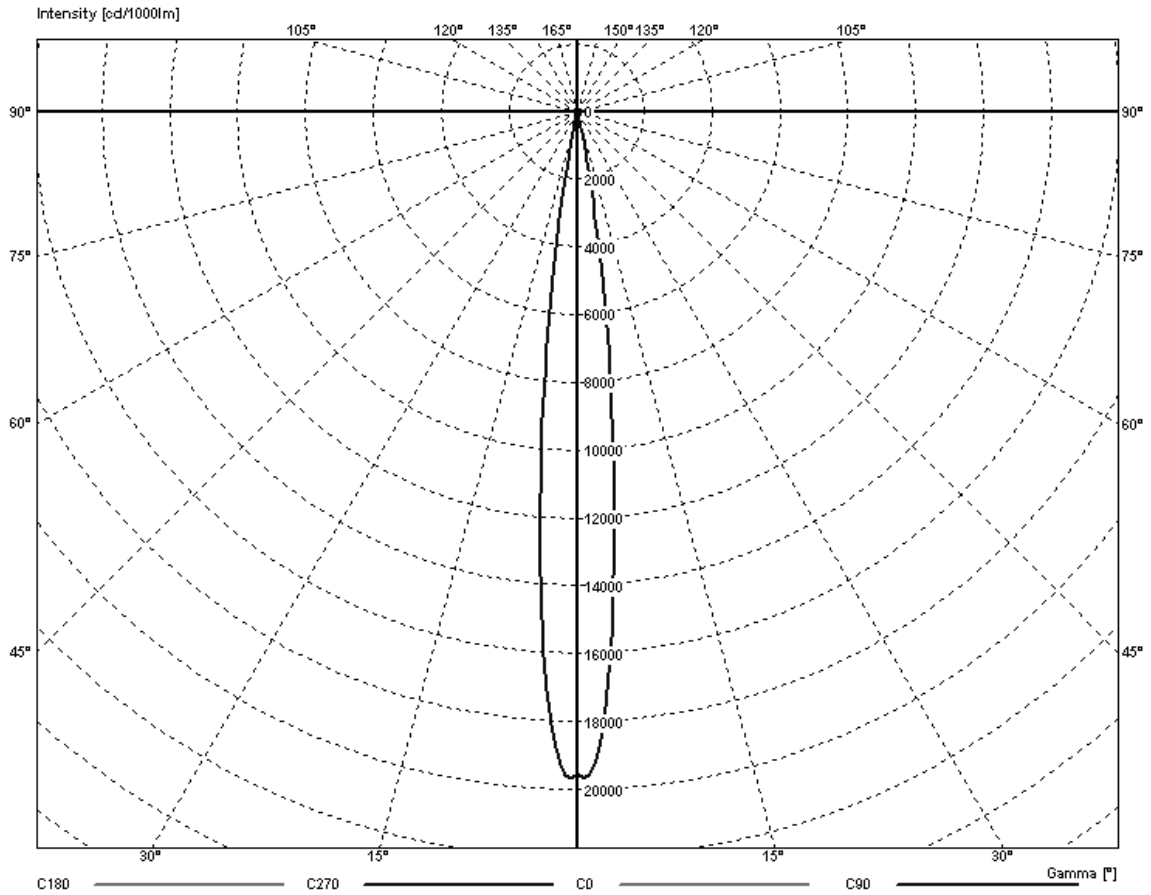
Full on (Wash)



166,977 lx

Polarcurve diagrams:

Full on (Spot)



Full on (Wash)

