



# FORMAKAMI JH3

## LIGHT MEASUREMENT REPORT 2015

### Subject of measurement

Formakami lamp JH3

### Fitted with

Lamp 2 x Osram Classic 46W (60W) Halogen

### Measuring task

Analysis of light distribution  
(far field light intensity distribution, LID)  
in accordance with DIN EN 13032-1

### TESTING CONDITIONS

#### Measurement

no. 8852

#### Ambient temperature T

Labor = 24,3 °C

#### Date of measurement

23.09.15

#### Electrical parameters

U = 230,0 V

I = 0,416 A

P = 95,6 W

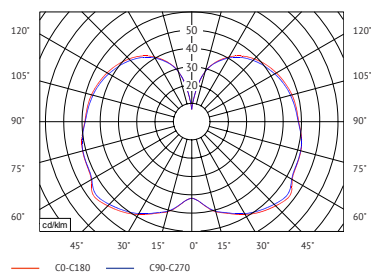
#### Measurement apparatus

TechnoTeam RiGo801

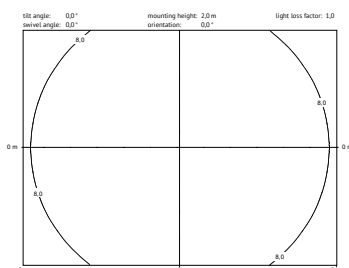
near field goniometer

#### Warm-up time used for sample

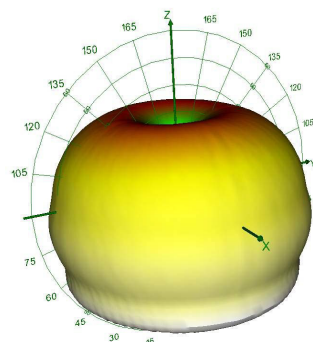
t > 1h



Light intensity distribution,  
Radiation pattern



Isolux diagram



Light intensity distribution,  
3D diagram

### DIMENSIONS OF LUMINAIRE

#### Width

450 mm

#### Height

650 mm

### Dimensions of radiant surface

#### Diameter

450 mm

### MEASUREMENTS OBTAINED

Total flux (utilized luminaire flux) 909 lm

Flux in lower hemisphere 55,0 %

Flux in upper hemisphere 45,0 %

Maximum luminous intensity 69,3 cd/klm

on C level 217,5 °

at y angle 55,0 °

Light output ratio (LOR) 70 %

luminous efficacy 9,5 lm/W