



# FORMAKAMI JH5

## LIGHT MEASUREMENT REPORT 2015

### Subject of measurement

Formakami lamp JH5

### 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. 8850

#### Ambient temperature T

Labor = 24,2 °C

#### Date of measurement

23.09.15

#### Electrical parameters

U = 230,0 V

I = 0,416 A

P = 95,6 W

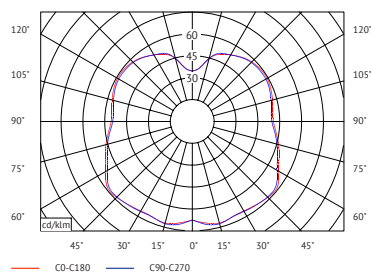
#### Measurement apparatus

TechnoTeam RiGo801

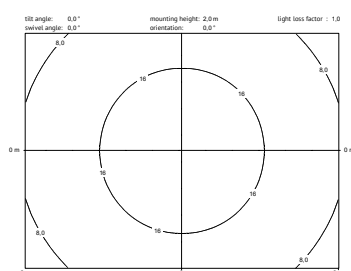
near field goniometer

#### Warm-up time used for sample

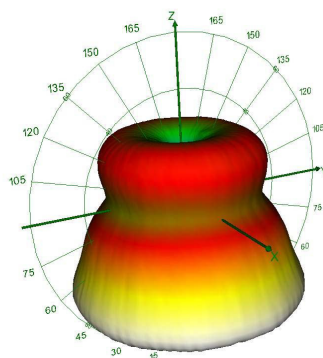
t >1h



Light intensity distribution,  
Radiation pattern



Isolux diagram



Light intensity distribution,  
3D diagram

### DIMENSIONS OF LUMINAIRE

#### Width

700 mm

#### Height

670 mm

### Dimensions of radiant surface

#### Diameter

700 mm

### MEASUREMENTS OBTAINED

Total flux (utilized luminaire flux) 998 lm

Flux in lower hemisphere 54,4 %

Flux in upper hemisphere 45,6 %

Maximum luminous intensity 77,0 cd/klm

on C level

at y angle

342,5 °

Light output ratio (LOR)

76 %

luminous efficacy

10,4 lm/W