



BLOWN SW3

LIGHT MEASUREMENT REPORT 2015

Subject of measurement

Blown SW3 silver
Ident-Nummer: 20633030

Fitted with

Osram CLAS A FR 100 230V E27

Measuring task

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

TESTING CONDITIONS

Measurement

no. 7943

Ambient temperature

T Labor = 24 °C

Date of measurement

27.06.14

Electrical parameters

U = 230 V

I = 0,439 A

P = 100,9 W

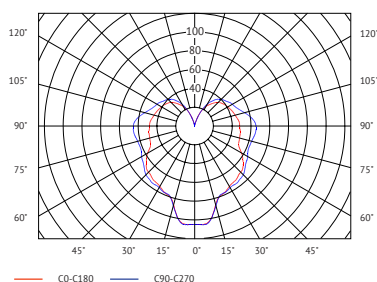
Measurement apparatus

TechnoTeam RiGo801

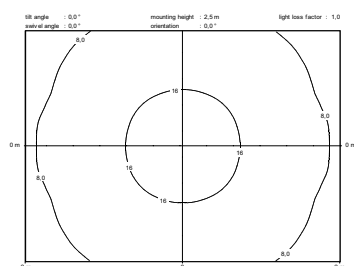
near field goniometer

Warm-up time used for sample

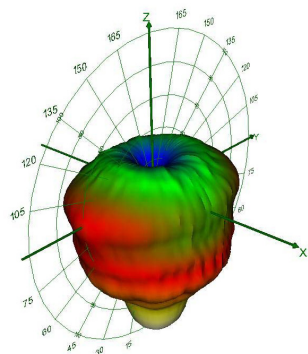
t >1h



Light intensity distribution,
Radiation pattern



Isolux diagram



Light intensity distribution,
3D diagram

DIMENSIONS OF LUMINAIRE

Length 275 mm

Height 290 mm

Dimensions of radiant surface

Diameter 275 mm

MEASUREMENTS OBTAINED

Total flux (utilized luminaire flux) 840 lm

Flux in lower hemisphere 61,4 %

Flux in upper hemisphere 38,6 %

Maximum luminous intensity 109,2 cd/klm

on C level 110,0 °

at y angle 12,5 °

Light output ratio (LOR) 66 %