

## Commission

Manufacturer	&tradition, Kongevejen 2, 3480 Fredensborg, Denmark
Subject of measurement	<b>Blown SW3 silver</b> <b>Ident-Nummer: 20633030</b>
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	$T_{\text{Labor}} = 24,0 \text{ } ^\circ\text{C}$
Date of measurement	27.06.14	Electrical parameters	$U = 230,0 \text{ V}$
Measurement apparatus	TechnoTeam RiGo801 near field goniometer		$I = 0,439 \text{ A}$
Warm-up time used for sample	$t > 1\text{h}$		$P = 100,9 \text{ W}$

### Dimensions of luminaire

Diameter	275 mm
Height	290 mm
Dimensions of radiant surface	
Diameter	275 mm

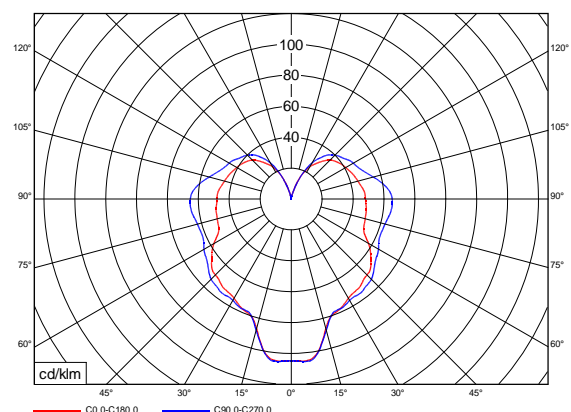
### Photograph of sample



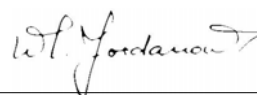
## Measurements obtained

Total flux (utilized luminaire flux)	<b>840 lm</b>
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 $\gamma$ angle	12,5 °
Light output ratio (LOR)	<b>66 %</b>

### Light intensity distribution, Radiation pattern



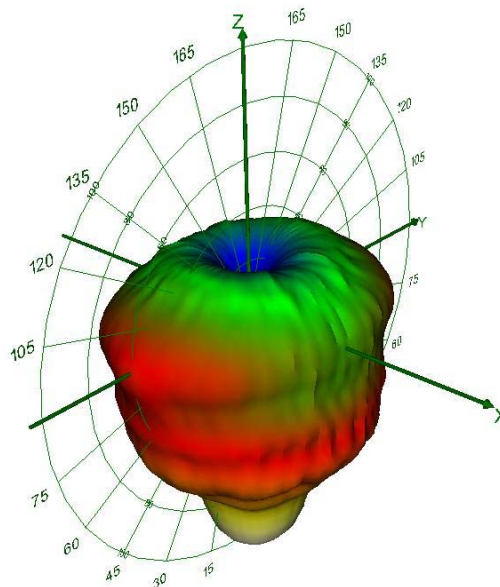
Ilmenau, 3th. July, 2013



W. Jordanow, Graduate Engineer Laboratory Manager

### Light intensity distribution, 3D diagram

---



### Isolux diagram

---

