



FORMAKAMI JH5

LIGHT MEASUREMENT REPORT 2015

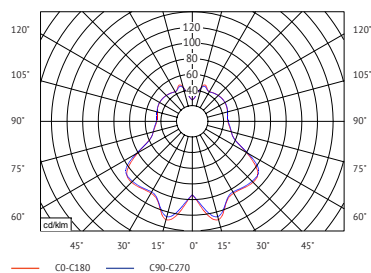
Subject of measurement
Formakami lamp JH5

Fitted with
Lamp 2 x Osram Star Energy Saver 15W

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

TESTING CONDITIONS

Measurement	no. 8853
Ambient temperature T	Labor = 24,2 °C
Date of measurement	23.09.15
Electrical parameters	U = 230,0 V
	I = 0,217 A
	P = 29,7 W
Measurement apparatus	TechnoTeam RiGo801 near field goniometer
Warm-up time used for sample	t >1h

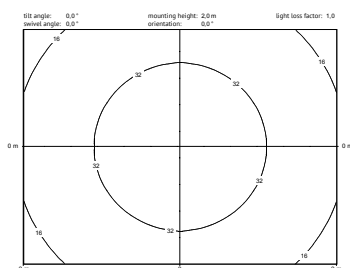


**Light intensity distribution,
Radiation pattern**

DIMENSIONS OF LUMINAIRE

Width	700 mm
Height	670 mm

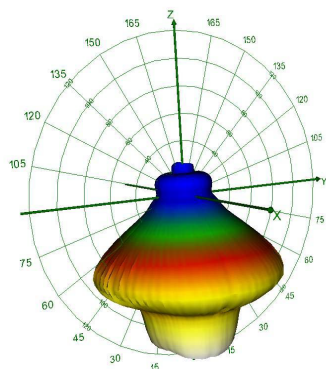
Dimensions of radiant surface	
Diameter	700 mm



Isolux diagram

MEASUREMENTS OBTAINED

Total flux (utilized luminaire flux)	1426 lm
Flux in lower hemisphere	63,6 %
Flux in upper hemisphere	36,4 %
Maximum luminous intensity	138,2 cd/klm
on C level	127,5 °
at y angle	17,5 °
Light output ratio (LOR)	80 %
luminous efficacy	48,0 lm/W



**Light intensity distribution,
3D diagram**