



FORMAKAMI JH3

LIGHT MEASUREMENT REPORT 2015

Subject of measurement
Formakami lamp JH3

Fitted with
Lamp 2 x Osam Star Energy Saver 15W

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

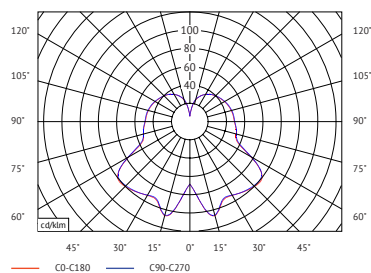
TESTING CONDITIONS

Measurement	no. 8855
Ambient temperature T	Labor = 24,3 °C
Date of measurement	23.09.15
Electrical parameters	U = 230,0 V
	I = 0,224 A
	P = 29,6 W
Measurement apparatus	TechnoTeam RiGo801 near field goniometer
Warm-up time used for sample	t >1h

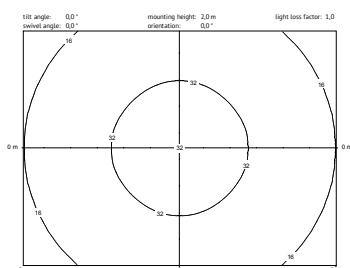
DIMENSIONS OF LUMINAIRE

Width	450 mm
Height	650 mm

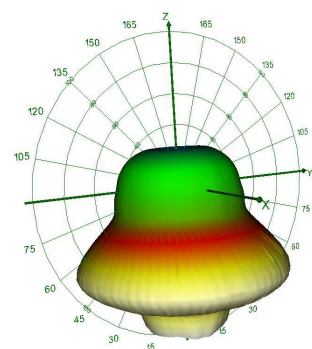
Dimensions of radiant surface	
Diameter	450 mm



**Light intensity distribution,
Radiation pattern**



Isolux diagram



**Light intensity distribution,
3D diagram**

MEASUREMENTS OBTAINED

Total flux (utilized luminaire flux)	1314 lm
Flux in lower hemisphere	64,3 %
Flux in upper hemisphere	35,7 %
Maximum luminous intensity	117,0 cd/klm
	on C level
at y angle	10,0 °
	15,0 °
Light output ratio (LOR)	74 %
luminous efficacy	44,4 lm/W