

GL GONIOSPECTROMETER MEASUREMENT

Description

Client name: *Azzardo Lighting*
Model name: *Andrea 120 3000K*
Item No: *AZ5104*
Serial No.:
Made by: *A. Nawrot*

Testing conditions

Dimensions of luminaire:

Length: *1200 mm*
Width: *0 mm*
Height: *50 mm*

Dimensions of radiant surface:

Length: *1200 mm*
Width: *0 mm*

Electrical parameters

U = *229,598 V*
 I = *0,476 A*
 P = *108,006 W*
Power factor = *0,000*

Temperature

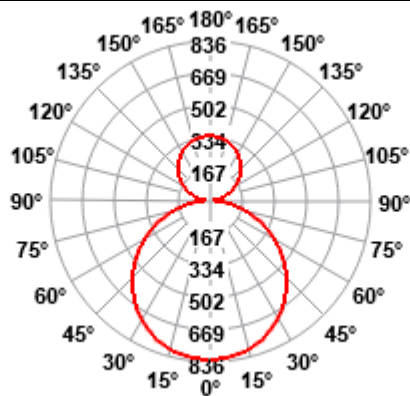
T = *25 °C*

Goniometric measurement results

Total flux (utilized luminarie flux)	3511,59 lm
Flux in lower hemisphere	70,67 %
Flux in upper hemisphere	29,33 %
Maximum luminous intensity	827,62 cd
Light output ratio (LOR)	100,00 %
Luminous efficacy	32,51 lm/W

Light intensity distribuiton diagram

Luminous intensity [cd]
 C0-C180 —
 C90-C270 —



Spectral distribution

<gl_spectrum width="700" height="400" />

Results					
CIE 1931 2° observer		CIE 1964 10° observer		Other	
x	<gl_x2 />	x	<gl_x10 />	CCT	<gl_CCT />
y	<gl_y2 />	y	<gl_y10 />	Chromaticity Error	<gl_ChEr />
Flux	3511,59 lm	u'	<gl_u10' />	Color Peak	<gl_ColPeak />
		v'	<gl_v10' />	Color Peak Value	<gl_ColPeakVal />
		L	<gl_L10 />	Color Dominant	<gl_ColDom />
u'	<gl_u2' />	a	<gl_a10 />	Luminous Intensity	<gl_LumInt />
v'	<gl_v2' />	b	<gl_b10 />	Purity	<gl_Purity />
L	<gl_L2 />	X	<gl_X10 />	Radiometric	<gl_Radiometric />
a	<gl_a2 />	Y	<gl_Y10 />	PAR	<gl_PAR />
b	<gl_b2 />	Z	<gl_Z10 />	PPFD	<gl_PPFD />
Rendering Indices				Metamerism Indices	
Ra	<gl_Ra />	Ra	<gl_Ra />	Mivis	<gl_Mivis />
R1	<gl_R1 />	R8	<gl_R8 />	Miuv	<gl_Miuv />
R2	<gl_R2 />	R9	<gl_R9 />	Binning	
R3	<gl_R3 />	R10	<gl_R10 />	Binning	<gl_Binning />
R4	<gl_R4 />	R11	<gl_R11 />	Brightness	<gl_Brightness />
R5	<gl_R5 />	R12	<gl_R12 />		
R6	<gl_R6 />	R13	<gl_R13 />		
R7	<gl_R7 />	R14	<gl_R14 />		



Light measurement solutions

CIE 1931 diagram

x <gl_x2 />
y <gl_y2 />
Angular Colour Uniformity 0,0000

<gl_cie1931zb width="700" />