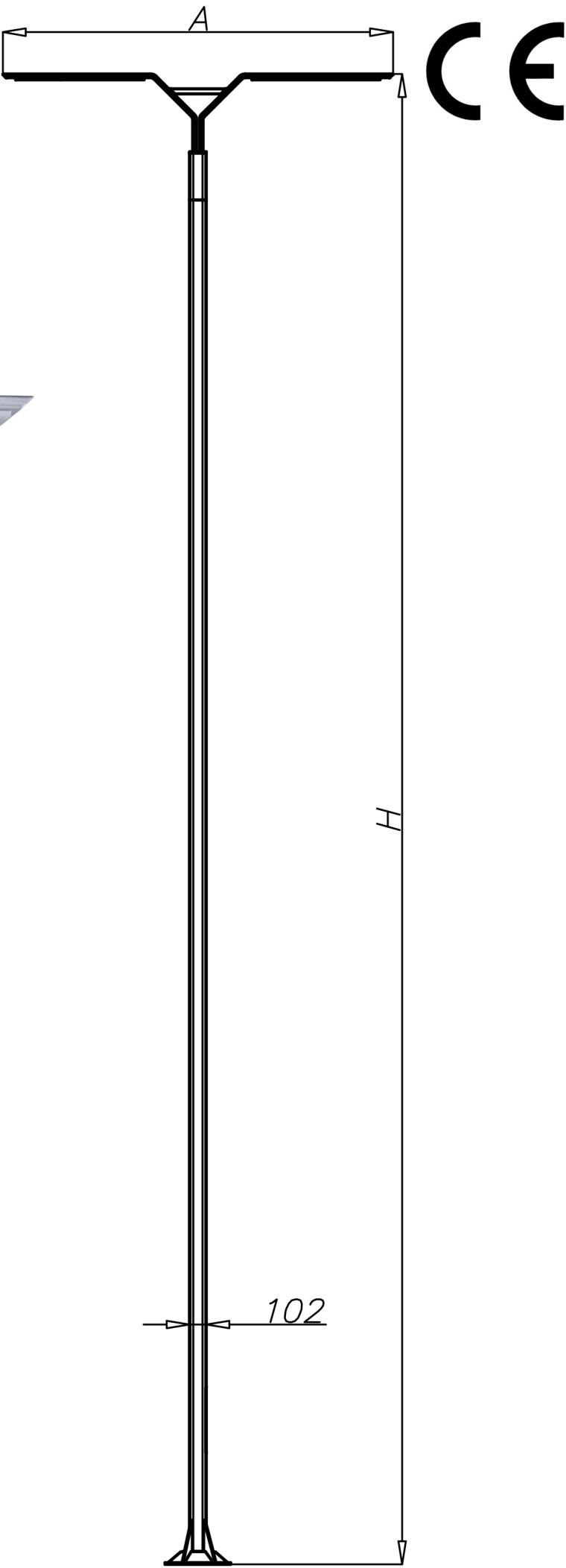


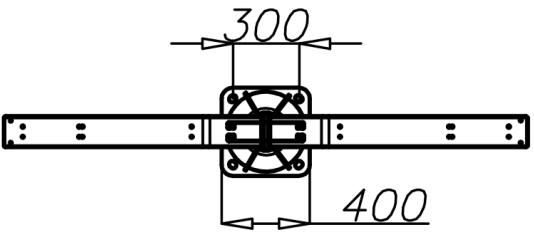


GULLWING LED



Characteristic

Ingress protection	IP 66
Electrical class	II
Nominal input voltage	120 - 277 V AC
Frequency	50/60 Hz
Operating temperatures	-40°C to +55°C
Material	anodized aluminium alloy
Colour	inox / graphite
Setup	PMMA lens, replaceable LED module
LEDs type	CREE XM-L2
LEDs lifetime L90	>50 000h
Warranty	5 years





GULLWING LED



Technical parameters

Type	GULLWING LED 2 x 72		GULLWING LED 2 x 108		GULLWING LED 2 x 144	
Code	218035/6/... ²⁾	218035/3/... ²⁾	218038/6/... ²⁾	218038/3/... ²⁾	218041/6/... ²⁾	218041/3/... ²⁾
Correlated colour temperature [K]	5 000	3 500	5 000	3 500	5 000	3 500
Color rendering index CRI	75 ³⁾	>80	75 ³⁾	>80	75 ³⁾	>80
LEDs quantity	2 x 24		2 x 36		2 x 48	
LEDs power [W]	2 x 72		2 x 108		2 x 144	
LEDs luminous flux ¹⁾ [lm]	2 x 10 200	2 x 7 900	2 x 15 250	2 x 11 900	2 x 20 350	2 x 15 800
Power consumption [W]	2 x 80		2 x 118		2 x 155	
Luminaire luminous flux ¹⁾ [lm]	2 x 9 350	2 x 7 250	2 x 14 000	2 x 10 900	2 x 18 650	2 x 14 500
Luminaire efficacy [lm/W]	117	91	119	92	120	93
Weight [kg]	53		68		77	
A - luminaire lenght [m]	1,68		2,37		2,88	
H - height [m]	8		9		10	
Volume [m ³]	3,52		5,57		7,54	
Foundation / reinforcing cage	B-70 / Z-70					
Foundation code/ reinforcing cage code	311170 / 311207					
Bolts set regular/ shear	4012 / 4013					

- 1)

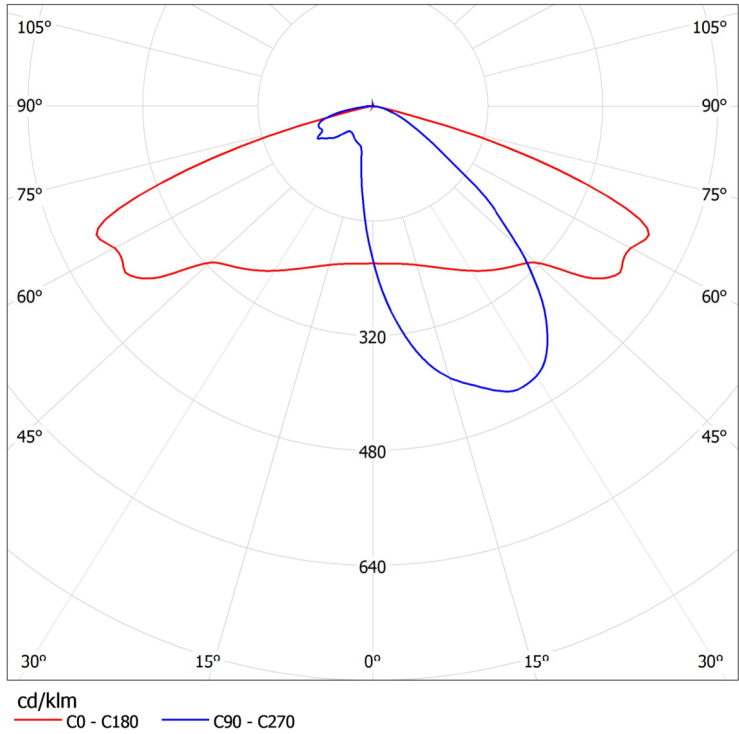
including LEDs tolerance parameter accuracy +/- 3%
- 2)

code of chosen optics configuration - example: 218035/6/T2 is a GULLWING LED 2x72 with optical system T2
- 3)

parameter accuracy +/-2
- Low voltage directive LVD 2006/95/WE, norm PN-EN 60598-1, PN-EN 60598-2-3
- Directive EMC 2004/108/WE, norms: PN-EN 55015, PN-EN 61547, PN-EN 61000-3-2, PN-EN 61000-3-3
- Shown parameters based on measurements according to IESNA LM 79-08

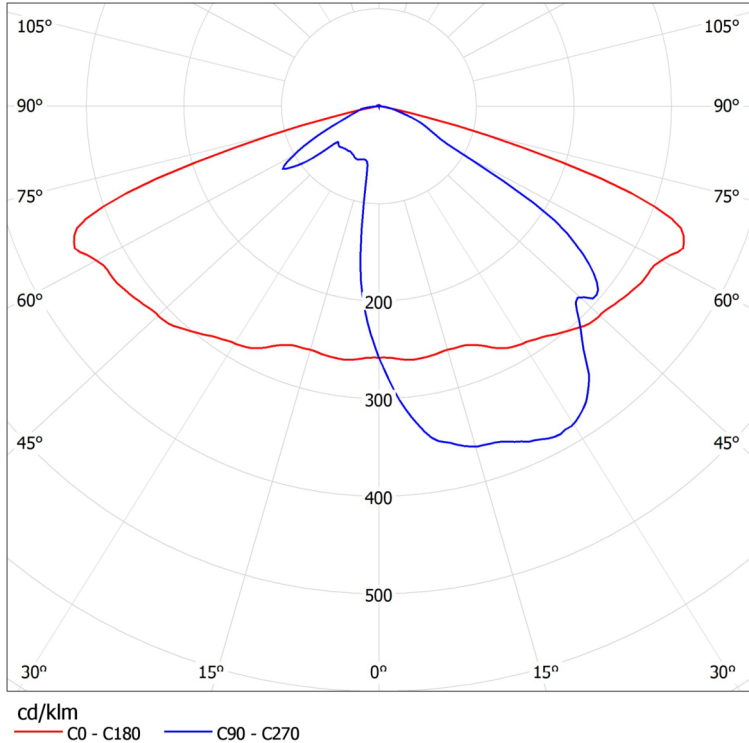
Optics configurations for GULLWING LED

T2



- ME2 lighting class
- highly effective with double configuration

T3



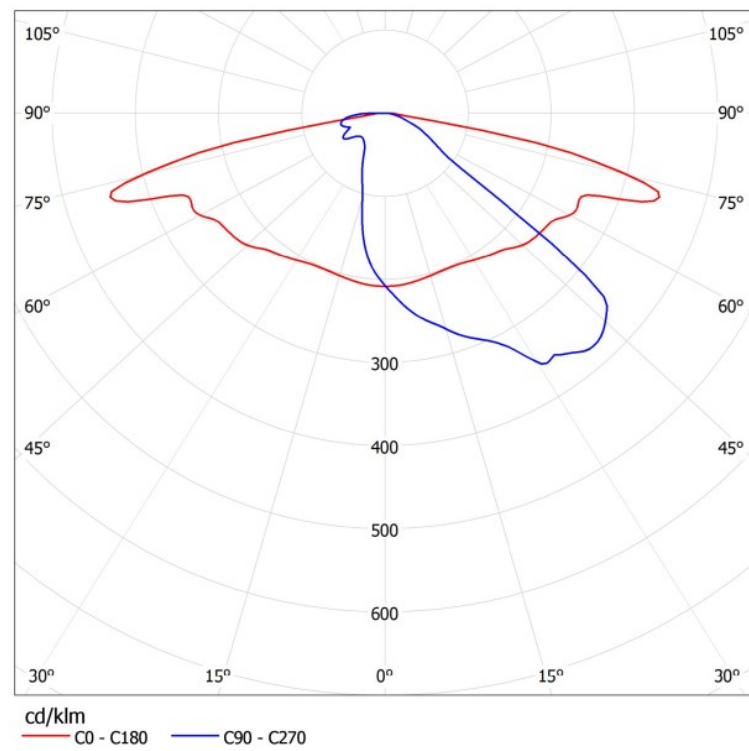
- ME3 lighting class
- mounting height up to 10m
- high longitudinal uniformity UI



GULLWING LED

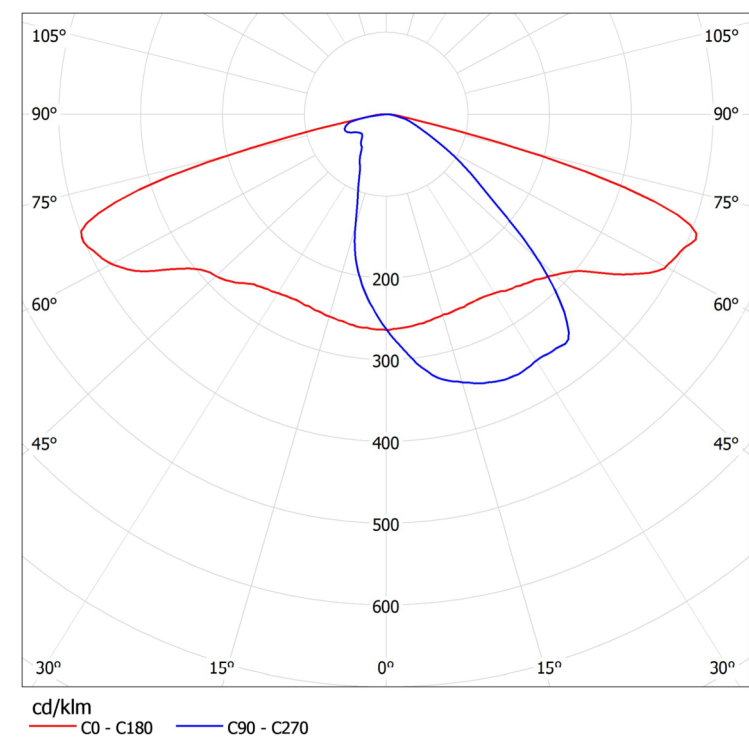


ME



- ME lighting class,
- high rate of surrounding lighting $SR > 0,6$

DW



- ME lighting class, pedestrian ways
- height up to 8m
- very high longitudinal uniformity of luminance UI