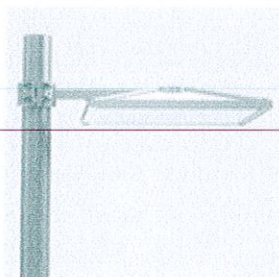
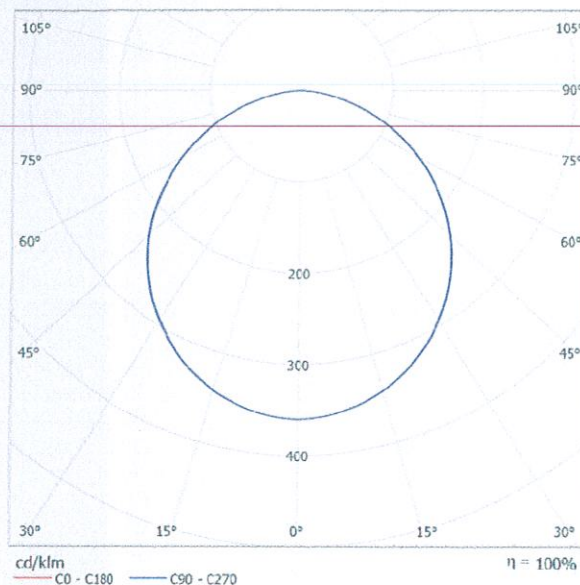


Edytor mgr inż. Bogumiła Pozorska
Telefon +48 501 270 914
faks -
e-Mail bogusiapozorska@wp.pl

TYP "a" 56,5W / Karta danych oprawy



Wylot światła 1:



Klasyfikacja oświetleń CIE: 100
Kod Flux CIE: 48 79 96 100 100

Tubular element, made of hot galvanised steel, with dual phosphorous - chromium plating of the base, passivation at 120°C, RAL 9007 textured grey liquid paint, curing at 150°C.

Made of hot galvanised steel, with dual phosphorous - chromium plating of the base, passivation at 120°C, RAL 9007 textured grey liquid paint, curing at 150°C.

Outdoor luminaire with roto-symmetrical optic (SC) and direct light giving high level visual comfort (G5), designed to use LED lamps. Optical assembly made of die-cast aluminium, with dual phosphorous - chromium plating of the base, passivation at 120°C, RAL 9007 grey liquid paint, curing at 150°C. Opal polycarbonate closing glass with silicone seal for the frame closes the LED assembly, fixed to the component-holder box by a hinge and 3 screws. The high IP66 rating is guaranteed by the 60 Shore silicone seal interposed between the two elements. Complete with circuit having Neutral White (4000K) monochrome LEDs. Replaceable LED unit. Control gear, connected using quick-couplings, can be removed using clips. Driver with automatic inner temperature control system. Driver with 4 operating profiles, fixed profile at 100% and three different profiles with midnight point recognition and dimming period duration of 6h/8h/10h. Profiles can be selected using microswitches (operating cycles can be customised using dedicated software). Selv 220-240V ac 50/60Hz electronic ballast. Replaceable control gear unit. The optical assembly is fixed to the arm by 4 fixing screws with anti-loosening device. The light flow emitted in the upper hemisphere of the System in the horizontal position is null (in conformity with the strictest standards for the prevention of light pollution). All external screws used are made of stainless steel.

Wylot światła 1:

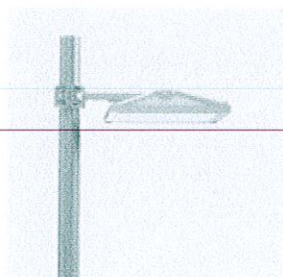
Oszacowanie oślepiania według UGR												
p Sufit	70	70	50	50	30	70	70	50	50	30	70	70
p Ściany	50	30	50	30	30	50	30	50	30	30	50	30
p Podłoga	20	20	20	20	20	20	20	20	20	20	20	20
Rozmiar pomieszczenia X Y		Kierunek spojrzenia w poprzek do osi lampy					Kierunek spojrzenia wzdłuż do osi lampy					
2H	2H	13.0	19.3	18.3	19.6	19.8	18.0	19.3	18.3	19.6	19.8	19.8
	3H	19.5	20.7	19.9	21.0	21.3	19.5	20.7	19.9	21.0	21.3	21.3
	4H	20.1	21.2	20.5	21.5	21.8	20.1	21.2	20.5	21.5	21.8	21.8
	6H	20.5	21.5	20.9	21.8	22.2	20.5	21.5	20.9	21.8	22.2	22.2
	8H	20.6	21.6	21.0	21.9	22.3	20.6	21.6	21.0	21.9	22.3	22.3
4H	12H	20.7	21.6	21.0	21.9	22.3	20.7	21.6	21.0	21.9	22.3	22.3
	2H	13.7	19.8	19.0	20.1	20.4	18.7	19.8	19.0	20.1	20.4	20.4
	3H	20.4	21.3	20.8	21.7	22.0	20.4	21.3	20.8	21.7	22.0	22.0
	4H	21.1	21.9	21.5	22.3	22.7	21.1	21.9	21.5	22.3	22.7	22.7
	6H	21.6	22.3	22.0	22.7	23.1	21.6	22.3	22.0	22.7	23.1	23.1
8H	8H	21.7	22.4	22.2	22.8	23.2	21.7	22.4	22.2	22.8	23.2	23.2
	12H	21.8	22.4	22.3	22.9	23.3	21.8	22.4	22.3	22.9	23.3	23.3
	4H	21.4	22.1	21.8	22.4	22.9	21.4	22.1	21.8	22.4	22.9	22.9
	6H	22.0	22.6	22.5	23.0	23.4	22.0	22.6	22.5	23.0	23.4	23.4
	8H	22.2	22.7	22.7	23.1	23.6	22.2	22.7	22.7	23.1	23.6	23.6
12H	12H	22.3	22.8	22.8	23.2	23.7	22.3	22.8	22.8	23.2	23.7	23.7
	4H	21.4	22.0	21.8	22.4	22.8	21.4	22.0	21.8	22.4	22.8	22.8
	6H	22.0	22.5	22.5	23.0	23.5	22.0	22.5	22.5	23.0	23.5	23.5
8H	22.3	22.7	22.8	23.2	23.7	22.3	22.7	22.8	23.2	23.7	23.7	
Wariacja pozycji obserwatora dla odstępów opraw S												
S = 1.0H	+0.1 / -0.1					+0.1 / -0.1						
S = 1.5H	+0.2 / -0.4					+0.2 / -0.4						
S = 2.0H	+0.4 / -0.7					+0.4 / -0.7						
Tabela standardowa	EK05					BK05						
Składowe sumy korekt	4.6					4.6						
Poprawione wskaźniki oślepiania odniesione do 4000lm całkowitej strumienia świetlnego												

Części:

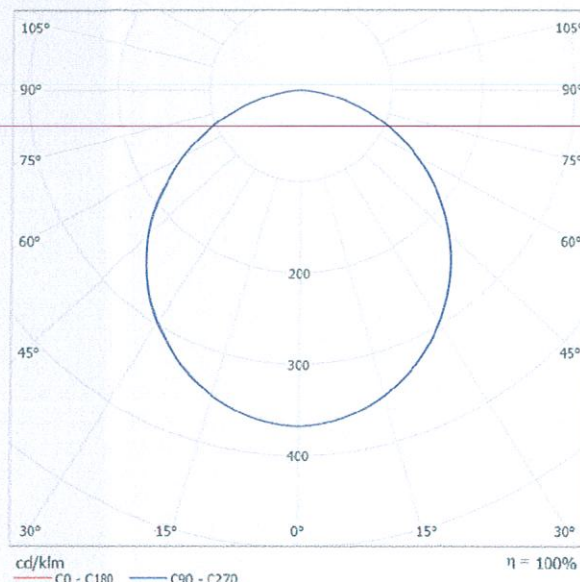
- 2 x
- 1 x Source 1

Edytor mgr inż. Bogumiła Pozorska
 Telefon +48 501 270 914
 faks -
 e-Mail bogusiapozorska@wp.pl

TYP "b" 36W / Karta danych oprawy



Wylot światła 1:



Klasyfikacja oświetleń CIE: 100
 Kod Flux CIE: 48 80 96 100 100

Tubular element, made of hot galvanised steel, with dual phosphorous - chromium plating of the base, passivation at 120°C, RAL 9007 textured grey liquid paint, curing at 150°C.

Made of hot galvanised steel, with dual phosphorous - chromium plating of the base, passivation at 120°C, RAL 9007 textured grey liquid paint, curing at 150°C.

Outdoor luminaire with roto-symmetrical optic (SC) and direct light giving high level visual comfort (G5), designed to use LED lamps. Optical assembly made of die-cast aluminium, with dual phosphorous - chromium plating of the base, passivation at 120°C, RAL 9007 grey liquid paint, curing at 150°C. Opal polycarbonate closing glass with silicone seal for the frame closes the LED assembly, fixed to the component-holder box by a hinge and 4 screws. The high IP66 rating is guaranteed by the 60 Shore silicone seal interposed between the two elements. Complete with circuit having Neutral White (4000K) monochrome LEDs. Replaceable LED unit. Control gear, connected using quick-couplings, can be removed using clips. Driver with automatic inner temperature control system. Driver with 4 operating profiles, fixed profile at 100% and three different profiles with midnight point recognition and dimming period duration of 6h/8h/10h. Profiles can be selected using microswitches (operating cycles can be customised using dedicated software). Selv 220-240V ac 50/60Hz electronic ballast. Replaceable control gear unit. The optical assembly is fixed to the arm by 4 fixing screws with anti-loosening device. The light flow emitted in the upper hemisphere of the System in the horizontal position is null (in conformity with the strictest standards for the prevention of light pollution). All external screws used are made of stainless steel.

Wylot światła 1:

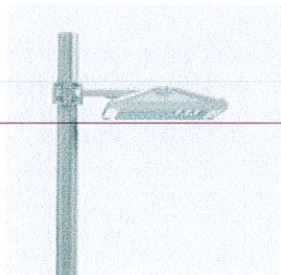
Oszacowanie oświetlenia według UGR											
p Sufit	70	70	50	50	30	70	70	50	50	30	30
p Ściany	50	30	50	30	30	50	30	50	30	30	30
p Podłoga	20	20	20	20	20	20	20	20	20	20	20
Rozmiar pomieszczenia X V	Kierunek spojrzenia w poprzek do osi lampy					Kierunek spojrzenia wzdłuż do osi lampy					
2H	2H	19.1	20.5	19.4	20.7	20.9	19.1	20.5	19.4	20.7	20.9
3H	3H	20.6	21.8	21.0	22.1	22.4	20.6	21.8	21.0	22.1	22.4
4H	4H	21.2	22.3	21.5	22.6	22.9	21.2	22.3	21.5	22.6	22.9
6H	6H	21.6	22.6	21.9	22.9	23.2	21.6	22.6	21.9	22.9	23.2
8H	8H	21.7	22.7	22.0	23.0	23.3	21.7	22.7	22.0	23.0	23.3
12H	12H	21.7	22.7	22.1	23.0	23.3	21.7	22.7	22.1	23.0	23.3
4H	2H	19.8	20.9	20.2	21.2	21.5	19.8	20.9	20.2	21.2	21.5
3H	3H	21.5	22.4	21.9	22.8	23.1	21.5	22.4	21.9	22.8	23.1
4H	4H	22.2	23.0	22.6	23.4	23.7	22.2	23.0	22.6	23.4	23.7
6H	6H	22.6	23.4	23.1	23.8	24.2	22.6	23.4	23.1	23.8	24.2
8H	8H	22.8	23.5	23.2	23.9	24.3	22.8	23.5	23.2	23.9	24.3
12H	12H	22.9	23.5	23.3	23.9	24.3	22.9	23.5	23.3	23.9	24.3
8H	4H	22.4	23.1	22.9	23.5	23.9	22.4	23.1	22.9	23.5	23.9
6H	6H	23.0	23.6	23.5	24.0	24.5	23.0	23.6	23.5	24.0	24.5
8H	8H	23.2	23.7	23.7	24.2	24.6	23.2	23.7	23.7	24.2	24.6
12H	12H	23.4	23.8	23.9	24.2	24.7	23.4	23.8	23.9	24.2	24.7
4H	4H	22.5	23.1	22.9	23.5	23.9	22.5	23.1	22.9	23.5	23.9
6H	6H	23.1	23.6	23.6	24.0	24.5	23.1	23.6	23.6	24.0	24.5
8H	8H	23.3	23.7	23.8	24.2	24.7	23.3	23.7	23.8	24.2	24.7
Wzrosty pozycji obserwatora dla odległości opraw S											
S = 1.0H		+0.1 / -0.1					+0.1 / -0.1				
S = 1.5H		+0.2 / -0.4					+0.2 / -0.4				
S = 2.0H		+0.4 / -0.7					+0.4 / -0.7				
Tabela standardowa		EK05					BK05				
Składnik sumy korekty		5.7					5.7				
Poprawione wskaźniki oświetlenia odniesione do 2400lm Całkowity strumień świetlny											

Części:

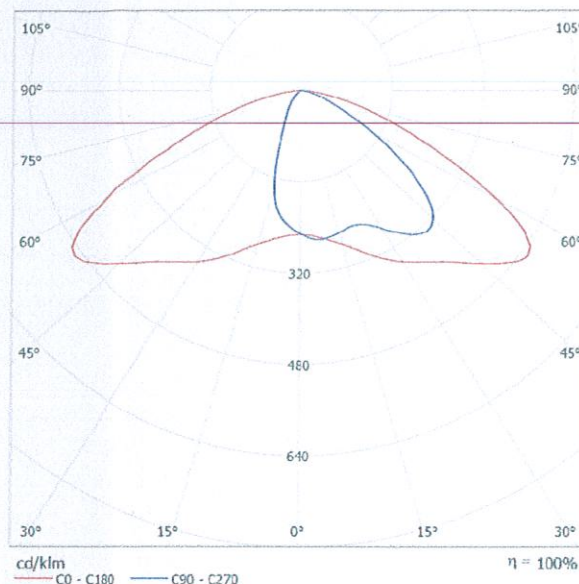
- 2 x
- 1 x Source 1

Edytor mgr inż. Bogumiła Pozorska
 Telefon +48 501 270 914
 faks -
 e-Mail bogusiapozorska@wp.pl

TYP "c" 30,2W / Karta danych oprawy



Wylot światła 1:



Klasyfikacja oświetleń CIE: 100
 Kod Flux CIE: 38 78 97 100 100

Tubular element, made of hot galvanised steel, with dual phosphorous - chromium plating of the base, passivation at 120°C, RAL 9007 textured grey liquid paint, curing at 150°C.

Made of hot galvanised steel, with dual phosphorous - chromium plating of the base, passivation at 120°C, RAL 9007 textured grey liquid paint, curing at 150°C.

Outdoor luminaire with direct light street optic and high level visual comfort (G6), designed to use LED lamps. Optical assembly made of die-cast aluminium, with dual phosphorous - chromium plating of the base, passivation at 120°C, RAL 9007 grey liquid paint, curing at 150°C. Sodium - calcium closing glass with silicone seal for the frame closes the LED assembly, fixed to the component-holder box by 4 screws. The high IP66 rating is guaranteed by the 60 Shore silicone seal interposed between the two elements. Complete with circuit having Neutral White (4000K) monochrome LEDs, silver aluminium reflectors. Replaceable LED unit. Control gear, connected using quick-couplings, can be removed using clips. Driver with automatic inner temperature control system. Driver with 4 operating profiles, fixed profiles at 100% with two different lumen outputs and two profiles with midnight point recognition and dimming period duration of 6h/8h. Profiles can be selected using microswitches (operating cycles can be customised using dedicated software). Selv 220-240V ac 50/60Hz electronic ballast. Replaceable control gear unit. The optical assembly is fixed to the arm by 4 fixing screws with anti-loosening device. The light flow emitted in the upper hemisphere of the System in the horizontal position is null (in conformity with the strictest standards for the prevention of light pollution). All external screws used are made of stainless steel.

powodu braku właściwości symetrycznych nie można przedstawić tabeli UGR dla tego oprawy.

Części:

- 2 x
- 1 x Source 1



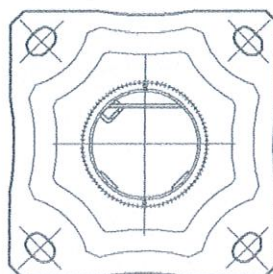
KONFIGURACJA "A"

WIDOK SŁUPA

UWAGA!

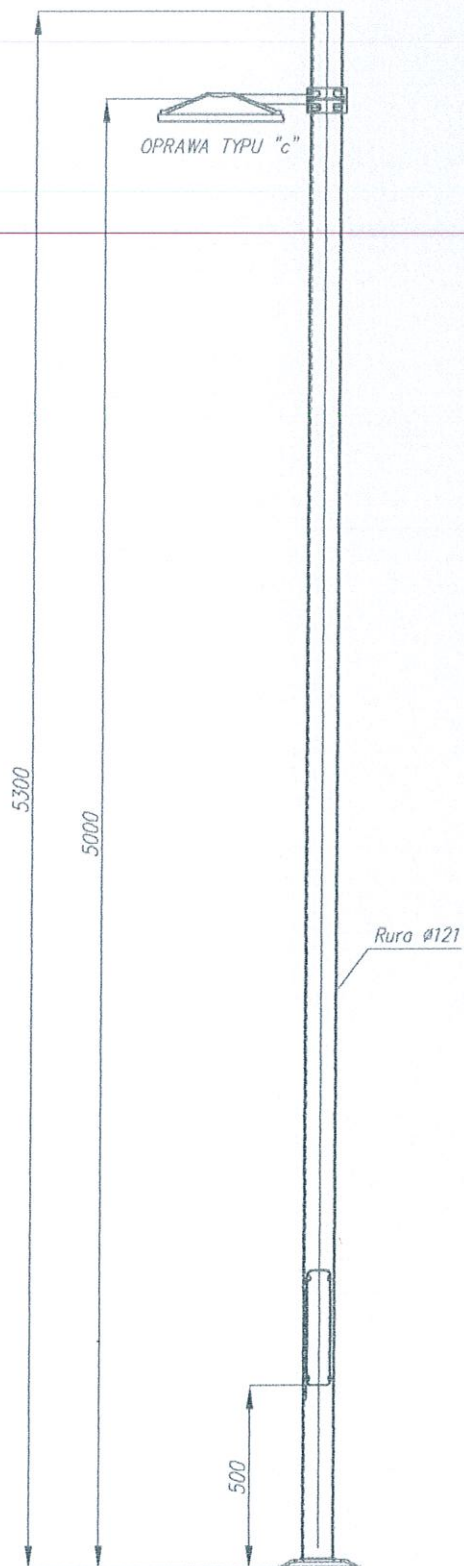
1. SŁUP MALOWANY W KOLORZE OPRAWY RAL9007
2. ZESTAW SŁUP + OPRAWY WRAZ Z MOCOWANIEM PRZYSTOSOWANE DO MONTAŻU W II STREFIE WIATROWEJ DLA MIEJSCOWOŚCI KOŁOBRZEG

WIDOK PODSTAWY



KONFIGURACJA "C"

WIDOK SŁUPA



UWAGA!

1. SŁUP MALOWANY W KOLORZE OPRAWY RAL9007
2. ZESTAW SŁUP + OPRAWY WRAZ Z MOCOWANIEM PRZYSTOSOWANE DO MONTAŻU W II STREFIE WIATROWEJ DLA MIEJSCOWOŚCI KOŁOBRZEG

WIDOK PODSTAWY

