

Sportovní areál Česká Kubice

Kontaktní osoba:
Čís. zakázky:
Firma:
Číslo zákazníka:

Datum: 23.07.2018
Zpracovatel: Ing. Antonín Speierl

Ing. Antonín Speierl

Žižkova 522
Domažlice

Zpracovatel Ing. Antonín Speierl

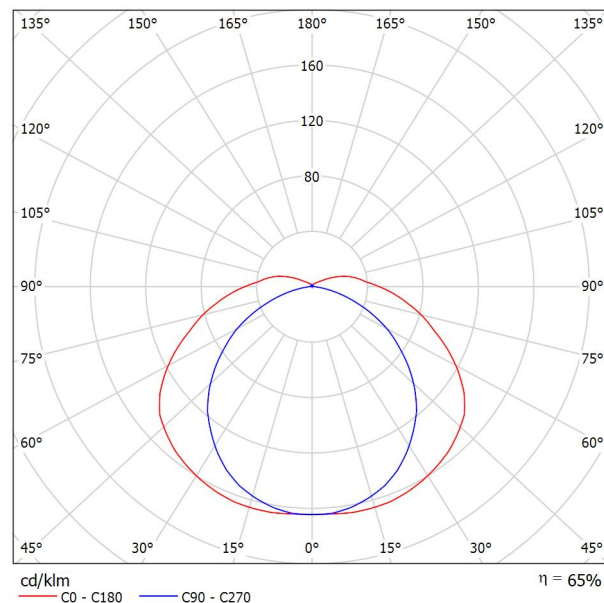
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BEGHELLI 13619 BS101 / Datový list svítidla

Výstup světla 1:



Klasifikace svítidel dle CIE: 92

Kód CIE Flux Code: 39 70 89 92 65

Cod. ord. 13619 / Desc. BS101 RBP 236 SALVASPAZIO 2x36W, T8, G13

TECHNICAL FEATURES: thermoplastic water-proof lighting fitting with traditional inductive ballast.

BODY: Ignition moulded by self-extinguishing UV-stabilised thermoplastic material (Polycarbonate). Light Grey colour (RAL 7035). Entry for cabling (3+3) on the two headboard. Cabling by plastic gland -PG13/M20.

Thermoplastic closing clips, flush fitting to the body

REFLECTOR: polyester white powder coated steel sheet, with supporting components. Fastener closing hooks

DIFFUSER: Ignition moulded by clear self-extinguishing thermoplastic material (EN 60598-1 cl. 13, UL94 standards. High UV strength, longitudinal and transversal prismatic internal surface. Smooth external surface for clean helping..

GASKET: on body, anti-ageing expanded polyurethane made

BALLAST: 50Hz Fluorescent Lamp Ballast (EEL=B1 245/09/EC reg.).

EN61347-2-8 and EN60921 standards complying .

INSTALLATION: Ceiling or suspended installation through proper inox steel bracket (accessories included). Suitable for heavy installation such as industries and in presence of chemical corrosive substances (**), evens on flammable surface (F). Main Connection by ballast terminal Block, max. wire section 4mm².

INGRESS PROTECTION DEGREE: IP65

MECHANICAL PROTECTION DEGREE: IK05 (0.7J)

INSULATION CLASS: I

GLOW WIRE RESISTANCE (°C): 850

COMPLIANCE TO: EN 60598-1; EN60598-2-1; 2006/95/EC; 2004/108/EC

CERTIFICATION: ENEC03; CE

WEIGHT (KG): 3,1

OVERALL SIZE (mm): Length: 1260 x Width: 117 x Height: 85

SUPPLY (V): 230V±10% 50 Hz (also dc supply)

LAMP: 2x 36W G13 (no provided)

DIRECT EFFICIENCY [DLOR] (%): 65,5 (*)

TOTAL EFFICIENCY [LOR] (%): 65,5 (*)

EXTERNAL SURFACE TEMPERATURE (acc. EN61241): T4

RATED ABSORPTION (W): 86 (*)

POWER FACTOR: 0.9

EFFICIENCY (lm/W): 51,02 (*)

RANGE OF OPERATING TEMPERATURE (°C): -20÷35

Výstup světla 1:

Vyhodnocení oslnění dle UGR												
ρ Strop	70	70	50	50	30	70	70	50	50	30	70	30
ρ Stěny	50	30	50	30	30	50	30	50	30	30	50	30
ρ Podlaha	20	20	20	20	20	20	20	20	20	20	20	20
Velikost místnosti X Y	Směr pohledu napříč k ose lampy					Podélný směr pohledu k ose lampy						
2H	2H	19.4	20.8	19.8	21.1	21.5	17.5	18.9	18.0	19.3	19.7	
	3H	21.4	22.6	21.8	23.0	23.4	18.7	19.9	19.2	20.3	20.8	
	4H	22.3	23.4	22.8	23.9	24.3	19.1	20.2	19.5	20.7	21.1	
	6H	23.2	24.3	23.7	24.7	25.2	19.3	20.4	19.8	20.8	21.3	
	8H	23.6	24.6	24.1	25.1	25.6	19.3	20.4	19.8	20.8	21.3	
	12H	24.0	25.0	24.5	25.5	26.0	19.3	20.3	19.8	20.8	21.3	
4H	2H	20.0	21.1	20.5	21.6	22.0	18.6	19.7	19.0	20.2	20.6	
	3H	22.2	23.1	22.7	23.6	24.1	20.0	21.0	20.5	21.5	22.0	
	4H	23.3	24.2	23.8	24.6	25.2	20.5	21.4	21.0	21.9	22.5	
	6H	24.3	25.1	24.9	25.7	26.2	20.9	21.6	21.4	22.2	22.7	
	8H	24.9	25.6	25.4	26.1	26.7	20.9	21.7	21.5	22.2	22.8	
	12H	25.4	26.0	25.9	26.6	27.2	21.0	21.6	21.5	22.2	22.8	
8H	4H	23.5	24.3	24.1	24.8	25.4	21.2	22.0	21.8	22.5	23.1	
	6H	24.8	25.5	25.4	26.0	26.6	21.8	22.4	22.4	23.0	23.6	
	8H	25.5	26.1	26.1	26.6	27.3	22.0	22.6	22.6	23.1	23.8	
	12H	26.2	26.6	26.8	27.2	27.9	22.1	22.6	22.7	23.2	23.9	
	4H	23.5	24.2	24.1	24.8	25.4	21.4	22.1	22.0	22.6	23.2	
	6H	24.9	25.5	25.5	26.0	26.7	22.1	22.6	22.7	23.2	23.9	
12H	8H	25.7	26.1	26.3	26.7	27.4	22.4	22.9	23.0	23.5	24.1	
Variace polohy pozorovatele pro vzdálenosti svítidel S												
S = 1.0H		+0.1 / -0.1					+0.1 / -0.1					
S = 1.5H		+0.2 / -0.2					+0.2 / -0.4					
S = 2.0H		+0.3 / -0.4					+0.5 / -0.8					
Standardní tabulka		BK09					BK06					
Korekturní sčítanec		8.0					3.5					
Korigované osňovací indexy, vztaheny na 6700lm Celkový světelný tok												

EQUIPMENT: N. 1 Tube Gland PG 13.5, N. 2 Steel ceiling mounting brackets, N. 2 Metal suspension hooks.

ACCESSORY on demand:

(*) The rated characteristics refer to 25°C operating temperature with item installed as intended.

(**) the chemical compatibility of fitting is intended as the chemical compatibility of materials used in manufacturing of.
The lighting fittings must be used appropriately without changing the mechanical and protection features and must not be installed on surfaces subject to strong vibrations, outdoors on cables or poles

Dimension and characteristics could be modifying by manufacturer without advising. To have further and detailed information, please contact Beghelli Technical department

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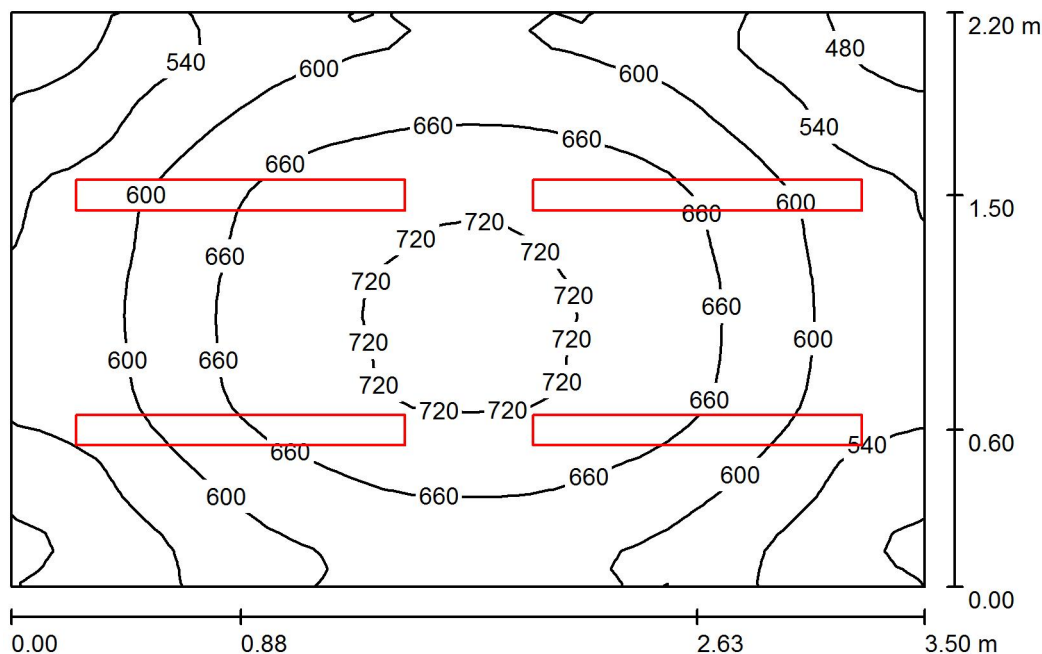
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Technická místnost - Kotelna / Shrnutí

Výška místnosti: 3.000 m, Montážní výška: 3.000 m, Činitel údržby: 0.67

Hodnoty v Lux, Měřítko 1:29

Plocha	ρ [%]	E_m [lx]	E_{min} [lx]	E_{max} [lx]	E_{min} / E_m
Uživatelská úroveň	/	615	461	732	0.749
Podlaha	20	433	346	494	0.798
Strop	70	347	229	447	0.661
Stěny (4)	50	483	198	1075	/

Uživatelská úroveň:

Výška: 0.850 m
 Rastr: 32 x 32 Body
 Okrajová zóna: 0.000 m

Podíl bodů s méně než 400 lx (pro IEQ-7): 0.00%.

Kusovník svítidel

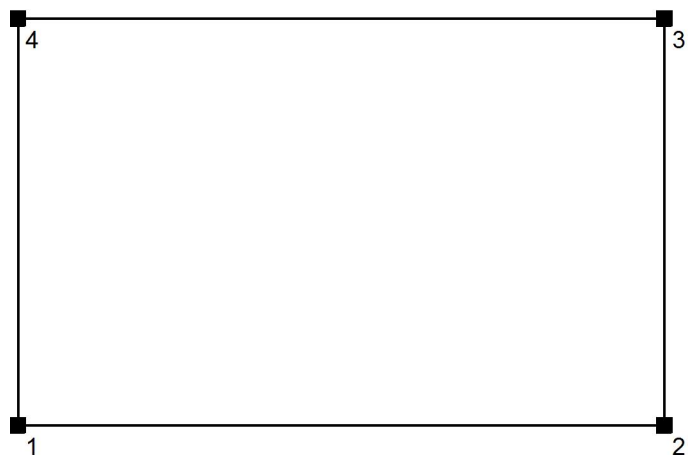
Č.	ks	Označení (Opravný faktor)	Φ (Svítilno) [lm]	Φ (Zdroje:) [lm]	P [W]
1	4	BEGHELLI 13619 BS101 (1.000)	4383	6700	86.0
Celkem:			17530	26800	344.0

Specifický příkon: $44.68 \text{ W/m}^2 = 7.27 \text{ W/m}^2/100 \text{ lx}$ (Základní plocha: 7.70 m^2)

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DomažliceZpracovatel Ing. Antonín Speierl
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e-mail speierl@centrum.cz**Technická místnost - Kotelna / Zadávací protokol**Výška pracovní roviny: 0.850 m
Okrajová zóna: 0.000 m

Činitel údržby: 0.67

Výška místnosti: 3.000 m
Základní plocha: 7.70 m²

Plocha	Rho [%]	z ([m] [m])	do ([m] [m])	Délka [m]
Podlaha	20	/	/	/
Strop	70	/	/	/
Stěna 1	50	(0.000 0.000)	(3.500 0.000)	3.500
Stěna 2	50	(3.500 0.000)	(3.500 2.200)	2.200
Stěna 3	50	(3.500 2.200)	(0.000 2.200)	3.500
Stěna 4	50	(0.000 2.200)	(0.000 0.000)	2.200

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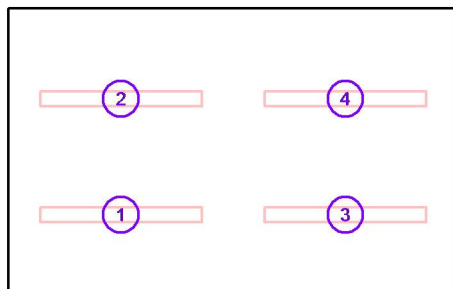
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Technická místnost - Kotelna / Svítidla (seznam souřadnic)**BEGHELLI 13619 BS101**

4383 lm, 86.0 W, 1 x 2 x T26 36W/840 (Opravný faktor 1.000).



Č.	Pozice [m]			Rotace [°]		
	X	Y	Z	X	Y	Z
1	0.880	0.600	3.000	0.0	0.0	90.0
2	0.880	1.500	3.000	0.0	0.0	90.0
3	2.630	0.600	3.000	0.0	0.0	90.0
4	2.630	1.500	3.000	0.0	0.0	90.0