

### Product: RUBIN ROUND 1000 LED 12600 PLX E 21 830 / H-180MM Index: 19.4357.4A11.21

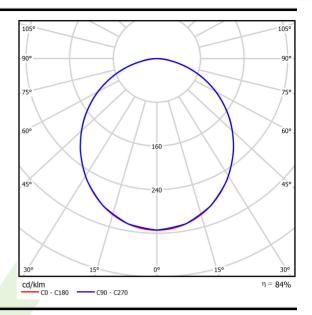


## Description

The fitting is used in public buildings such as banks, offices, hotels, stores, schools, that is wherever pleasant environment is of special importance. Rubin O gives the interior style and individuality. The special construction of this fitting and its diffusers permit to restrict glare. The housing is made of steel plate, powder painted, diffusers applied are opal.

Name         RUBIN ROUND 1000 LED 12600 PLX E 21 830 / H-180MM           Index         19.4357.4411.21           Image:         Image: <thimage:< th="">         Image:         <thimage:< th="">         Image:         Image:</thimage:<></thimage:<>	Product information	Category Surface mount Family RUBIN ROUND	
Light and electrical data       Light source       LED         Luminous flux LED [lm]       13129       LED         LED power [M]       88       Luminous flux LED [lm]       11080         Power of luminaire luminous flux [lm]       11080       Power of luminaire [M]       99         Luminaire luminous flux [lm]       111.9       Color of the light [K]       3000         CRI       >80       SDCM (LED Sources)       3         Beam angle [']       Color Color 01 (C90-C270) - 107.4° / 107.6°       Protection degree       P20         Voltage       220240 V, 5060 Hz       Lifetime of LED sources [h]       60000         LvBy       L80/B10       Operating temperature range [°C]       5 + 30         Driver       standard on/off (E)       Power factor cos φ       9.95         Circuit load capacity       6 (B10), 9 (B16), 10 (C10), 17 (C16)         Mechanical data         Δ       Assembly       street sheet         Color       RAL 9006 (gray, metallic, fine structure)       Diffuser         Diffuser       PLL (PMMA opal)       Impact resistant       K04         Weight [kg]       19,3		Name RUBIN ROUND	1000 LED 12600 PLX E 21 830 / H-180MM
Light and electrical data Light source LED Luminous flux LED [lm] 13129 LED power [M] 88 Luminaire luminous flux [lm] 11080 Power of luminaire [VM] 99 Luminaire's light efficiency [lmW] 111,9 Color of the light [K] 3000 CRl SDCM (LED sources) 8 Beam angle [°] (C0-C180) / (C90-C270) - 107,4° / 107,6° Protection against electric shock I Protection against electric shock I Protection dagree IP20 Voltage 220.240 V, 5060 Hz Lifetime of LED sources [h] 60000 Lx/By Lifetime of LED sources [h] 60000 Lx/By Lifetime of LED sources [h] 60000 Crl SDCM CRl Sources [h] 60000 Crl Sources [h] 6000 Crl Sources [h] 60000 Crl Sources [h] 6000 Crl Sources [h] 6000 Crl S		Index 19.4357.4A11.2	21
Luminous flux LED [lm]       13129         LED power [M]       88         Luminaire luminous flux [lm]       11080         Power of luminaire [W]       99         Luminaire's light efficiency [lm/W]       111,9         Color of the light [K]       3000         CRI       >80         SDCM (LED sources)       3         Beam angle [°]       ColCo180 / (C90-C270) - 107,4° / 107,6°         Protection against electric shock       I         Univer       180/B10         Operating temperature range [°C]       5 + 30         Operating temperature range [°C]       5 + 30         Driver       standard on/off [E]         Power factor cos φ       >0,95         Circuit load capacity       6 (B10), 9 (B16), 10 (C10), 17 (C16)         Material       steel sheet         Color       RAL 9006 (gray, metallic, fine structure)         Diffuser       PLX (PMMA opa)         Impact resistant       IK04		CE	$\begin{array}{c} \\ \rule{0.5mm}{2mm} \end{array} \\ \rule{0.5mm}{2mm} \end{array} \\ \rule{0.5mm}{2mm} \rule{0.5mm}{2mm} \\ \rule{0.5mm}{2mm} \rule{0.5mm}$
Luminous flux LED [lm]       13129         LED power [M]       88         Luminaire luminous flux [lm]       11080         Power of luminaire [W]       99         Luminaire's light efficiency [lm/W]       111,9         Color of the light [K]       3000         CRI       >80         SDCM (LED sources)       3         Beam angle [°]       ColCo180 / (C90-C270) - 107,4° / 107,6°         Protection against electric shock       I         Univer       180/B10         Operating temperature range [°C]       5 + 30         Operating temperature range [°C]       5 + 30         Driver       standard on/off [E]         Power factor cos φ       >0,95         Circuit load capacity       6 (B10), 9 (B16), 10 (C10), 17 (C16)         Material       steel sheet         Color       RAL 9006 (gray, metallic, fine structure)         Diffuser       PLX (PMMA opa)         Impact resistant       IK04	Light and electrical data	Light source	LED
Luminaire luminous flux [lm]       11080         Power of luminaire [W]       99         Luminaire's light efficiency [lm/W]       111,9         Color of the light [K]       3000         CRI       >80         SDCM (LED sources)       3         Beam angle [°]       (Co-C180) / (C90-C270) - 107,4° / 107,6°         Protection against electric shock       I         Protection degree       IP20         Voltage       220.240 V, 5060 Hz         Lifetime of LED sources [h]       60000         Lx/By       L80/B10         Operating temperature range [°C]       5 + 30         Driver       standard on/off (E)         Power factor cos φ       >0,95         Circuit load capacity       6 (B10), 9 (B16), 10 (C10), 17 (C16)         Material       steel sheet         Color       RAL 9006 (gray, metallic, fine structure)         Diffuser       PLX (PMMA opal)         Impact resistant       IK04         Weight [kg]       19,3	C C	Luminous flux LED [lm]	13129
Power of luminaire [W]     99       Luminaire's light efficiency [lm/W]     111,9       Color of the light [K]     3000       CRI     >80       SDCM (LED sources)     3       Beam angle [°]     (Co-C180) / (C90-C270) - 107,4° / 107,6°       Protection against electric shock     I       Protection against electric shock     I       Protection degree     IP20       Voltage     220240 V, 5060 Hz       Lifetime of LED sources [h]     60000       Lx/By     L80/B10       Operating temperature range [°C]     5 ÷ 30       Driver     standard on/off (E)       Power factor cos φ     >0,95       Circuit load capacity     6 (B10), 9 (B16), 10 (C10), 17 (C16)       Material     steel sheet       Color     RAL 9006 (gray, metallic, fine structure)       Diffuser     PLX (PMMA opal)       Impact resistant     IK04       Weight [kg]     19,3		LED power [W]	88
Luminaire's light efficiency [Im/W]       111,9         Color of the light [K]       3000         CRI       >80         SDCM (LED sources)       3         Beam angle [°]       (C0-C180) / (C90-C270) - 107,4° / 107,6°         Protection against electric shock       I         Protection degree       IP20         Voltage       220240 V, 5060 Hz         Lifetime of LED sources [h]       60000         Lx/By       L80/B10         Operating temperature range [°C]       5 + 30         Driver       standard on/off (E)         Power factor cos φ       >0,95         Circuit load capacity       6 (B10), 9 (B16), 10 (C10), 17 (C16)         Mechanical data       Assembly       directly mounted to ceiling construction or surface mounted on slings using accessories         Material       steel sheet       Color       RAL 9006 (gray, metallic, fine structure)         Diffuser       PLX (PMMA opal)       Diffuser       PLX (PMMA opal)         Impact resistant       IK04       Weight [kg]       19,3		Luminaire luminous flux [lm]	] 11080
Color of the light [K]       3000         CRI       >80         SDCM (LED sources)       3         Beam angle [°]       (C0-C180) / (C90-C270) - 107,4° / 107,6°         Protection against electric shock       I         Protection against electric shock       I         Protection degree       IP20         Voltage       220.240 V, 5060 Hz         Lifetime of LED sources [h]       60000         Lx/By       L80/B10         Operating temperature range [°C]       5 ÷ 30         Driver       standard on/off (E)         Power factor cos φ       >0,95         Circuit load capacity       6 (B10), 9 (B16), 10 (C10), 17 (C16)         Mechanical data       steel sheet         Color       RAL 9006 (gray, metallic, fine structure)         Diffuser       PLX (PMMA opal)         Impact resistant       IK04         Weight [kg]       19,3		Power of luminaire [W]	99
CRI       >80         SDCM (LED sources)       3         Beam angle [°]       (C0-C180) / (C90-C270) - 107,4° / 107,6°         Protection against electric shock       I         Protection degree       IP20         Voltage       220240 V, 5060 Hz         Lifetime of LED sources [h]       60000         Lx/By       L80/B10         Operating temperature range [°C]       5 + 30         Driver       standard on/off (E)         Power factor cos φ       >0,95         Circuit load capacity       6 (B10), 9 (B16), 10 (C10), 17 (C16)         Mechanical data       Assembly       direct mounted to ceiling construction or surface mounted on slings using accessories         Material       steel sheet       Color       RAL 9006 (gray, metallic, fine structure)         Diffuser       PLX (PMMA opal)       Diffuser       PLX (PMMA opal)         Impact resistant       IK04       Weight [kg]       19,3		Luminaire's light efficiency [	lm/W] 111,9
SDCM (LED sources) 3 Beam angle [°] (C0-C180) / (C90-C270) - 107,4° / 107,6° Protection against electric shock I Protection degree IP20 Voltage 220240 V, 5060 Hz Lifetime of LED sources [h] 60000 Lx/By L80/B10 Operating temperature range [°C] 5 + 30 Driver standard on/off (E) Power factor cos $\varphi$ >0,95 Circuit load capacity 6 (B10), 9 (B16), 10 (C10), 17 (C16) Mechanical data Assembly directly mounted to ceiling construction or surface mounted on slings using accessories Material steel sheet Color RAL 9006 (gray, metallic, fine structure) Diffuser PLX (PMIA opal) Impact resistant IK04 Weight [kg] 19,3		Color of the light [K]	3000
Beam angle [°]       (C0-C180) / (C90-C270) - 107,4° / 107,6°         Protection against electric shock       I         Protection degree       IP20         Voltage       220240 V, 5060 Hz         Lifetime of LED sources [h]       60000         Lx/By       L80/B10         Operating temperature range [°C]       5 ÷ 30         Driver       standard on/off (E)         Power factor cos $\varphi$ >0,95         Circuit load capacity       6 (B10), 9 (B16), 10 (C10), 17 (C16)         Mechanical data       Assembly       directly mounted to ceiling construction or surface mounted on slings using accessories         Material       steel sheet       Color       RAL 9006 (gray, metallic, fine structure)         Diffuser       PLX (PMMA opal)       Impact resistant       IK04         Weight [kg]       19,3		CRI	>80
Protection against electric shock       I         Protection degree       IP20         Voltage       220240 V, 5060 Hz         Lifetime of LED sources [h]       60000         Lx/By       L80/B10         Operating temperature range [°C]       5 ÷ 30         Driver       standard on/off (E)         Power factor cos φ       >0,95         Circuit load capacity       6 (B10), 9 (B16), 10 (C10), 17 (C16)         Mechanical data       Assembly       directly mounted to ceiling construction or surface mounted on slings using accessories         Material       steel sheet       Color       RAL 9006 (gray, metallic, fine structure)         Diffuser       PLX (PMMA opal)       Diffuser       PLX (PMMA opal)         Impact resistant       IK04       Weight [kg]       19,3		SDCM (LED sources)	3
Protection degree       IP20         Voltage       220240 V, 5060 Hz         Lifetime of LED sources [h]       60000         Lx/By       L80/B10         Operating temperature range [°C]       5 ÷ 30         Driver       standard on/off (E)         Power factor cos φ       >0,95         Circuit load capacity       6 (B10), 9 (B16), 10 (C10), 17 (C16)         Mechanical data       Assembly       directty mounted to ceiling construction or surface mounted on slings using accessories         Material       steel sheet       Color       RAL 9006 (gray, metallic, fine structure)         Diffuser       PLX (PMMA opal)       Impact resistant       IK04         Weight [kg]       19,3		Beam angle [°]	(C0-C180) / (C90-C270) - 107,4° / 107,6°
Voltage       220240 V, 5060 Hz         Lifetime of LED sources [h]       60000         Lx/By       L80/B10         Operating temperature range [°C]       5 ÷ 30         Driver       standard on/off (E)         Power factor cos φ       >0,95         Circuit load capacity       6 (B10), 9 (B16), 10 (C10), 17 (C16)         Mechanical data       Assembly       directly mounted to ceiling construction or surface mounted on slings using accessories         Material       steel sheet         Color       RAL 9006 (gray, metallic, fine structure)         Diffuser       PLX (PMMA opal)         Impact resistant       IK04         Weight [kg]       19,3		Protection against electric s	hock I
Lifetime of LED sources [h] 60000 Lx/By L80/B10 Operating temperature range [°C] 5 ÷ 30 Driver standard on/off (E) Power factor cos φ >0,95 Circuit load capacity 6 (B10), 9 (B16), 10 (C10), 17 (C16) Mechanical data Assembly directly mounted to ceiling construction or surface mounted on slings using accessories Material steel sheet Color RAL 9006 (gray, metallic, fine structure) Diffuser PLX (PMMA opal) Impact resistant IK04 Weight [kg] 19,3		Protection degree	IP20
Lx/By       L80/B10         Operating temperature range [°C]       5 ÷ 30         Driver       standard on/off (E)         Power factor cos φ       >0,95         Circuit load capacity       6 (B10), 9 (B16), 10 (C10), 17 (C16)         Mechanical data       Assembly       directly mounted to ceiling construction or surface mounted on slings using accessories         Material       steel sheet         Color       RAL 9006 (gray, metallic, fine structure)         Diffuser       PLX (PMMA opal)         Impact resistant       IK04         Weight [kg]       19,3	Voltage		220240 V, 5060 Hz
Operating temperature range [°C]       5 ÷ 30         Driver       standard on/off (E)         Power factor cos φ       >0,95         Circuit load capacity       6 (B10), 9 (B16), 10 (C10), 17 (C16)         Mechanical data       Assembly       directly mounted to ceiling construction or surface mounted on slings using accessories         Material       steel sheet         Color       RAL 9006 (gray, metallic, fine structure)         Diffuser       PLX (PMMA opal)         Impact resistant       IK04         Weight [kg]       19,3		Lifetime of LED sources [h]	60000
Driver       standard on/off (E)         Power factor cos φ       >0,95         Circuit load capacity       6 (B10), 9 (B16), 10 (C10), 17 (C16)         Mechanical data       Assembly       directly mounted to ceiling construction or surface mounted on slings using accessories         Material       steel sheet         Color       RAL 9006 (gray, metallic, fine structure)         Diffuser       PLX (PMMA opal)         Impact resistant       IK04         Weight [kg]       19,3		Lx/By	L80/B10
Power factor cos φ       >0,95         Circuit load capacity       6 (B10), 9 (B16), 10 (C10), 17 (C16)         Mechanical data       Assembly       directly mounted to ceiling construction or surface mounted on slings using accessories         Material       steel sheet         Color       RAL 9006 (gray, metallic, fine structure)         Diffuser       PLX (PMMA opal)         Impact resistant       IK04         Weight [kg]       19,3		Operating temperature rang	ge [°C] 5 ÷ 30
Circuit load capacity       6 (B10), 9 (B16), 10 (C10), 17 (C16)         Mechanical data       Assembly       directly mounted to ceiling construction or surface mounted on slings using accessories         Material       steel sheet         Color       RAL 9006 (gray, metallic, fine structure)         Diffuser       PLX (PMMA opal)         Impact resistant       IK04         Weight [kg]       19,3		Driver	standard on/off (E)
Mechanical data       Assembly       directly mounted to ceiling construction or surface mounted on slings using accessories         Material       steel sheet         Color       RAL 9006 (gray, metallic, fine structure)         Diffuser       PLX (PMMA opal)         Impact resistant       IK04         Weight [kg]       19,3		Power factor cos φ	>0,95
D       Material       steel sheet         Color       RAL 9006 (gray, metallic, fine structure)         Diffuser       PLX (PMMA opal)         Impact resistant       IK04         Weight [kg]       19,3		Circuit load capacity	6 (B10), 9 (B16), 10 (C10), 17 (C16)
D     Color     RAL 9006 (gray, metallic, fine structure)       Diffuser     PLX (PMMA opal)       Impact resistant     IK04       Weight [kg]     19,3	Mechanical data	Assembly	
Diffuser     PLX (PMMA opal)       Impact resistant     IK04       Weight [kg]     19,3		Material	steel sheet
H Impact resistant IK04 Weight [kg] 19,3		Color	RAL 9006 (gray, metallic, fine structure)
Weight [kg]     19,3		Diffuser	PLX (PMMA opal)
		Impact resistant	IK04
Dimensions [mm] Ø1000 x 188		Weight [kg]	19,3
		Dimensions [mm]	Ø1000 x 188

# A graph of light



## Accessories

#### Index 6E1-500OK211P-3

Name SUSPENSION NEW TYPE-J 21 LENGHT 1,5M WIRE 3X 1-POINT



Index 19.3272.1205.00

Name SUSPENSION NEW TYPE-E LENGHT-1,5 METER WITHOUT WIRE 1-POINT

