

## Product: LUXCAN R 4800 13° EDD 04 840 3F Index: 19.3067.0020.04



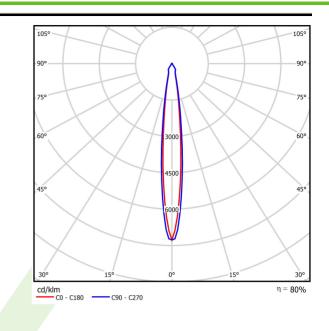
## Description

Monobloc cylindrical spotlight from the family Luxcan R setting an advanced and innovative thermal balance system through passive dissipation with stable colour temperature optimised to be used as general & accent lighting for commercial areas shop-windows and different indoor spaces. Designed for Installation on the triphasic track. Body built in extruded aluminium painted with high quality AXALTA coatings finished in popular colours.

Family       LUXCAN R         Name       LUXCAN R 4800 13° EDD 04 840 3F         Index       19.3067.0020.04         Image       Image       Image         Light and electrical data       Light source       LED         Luminous flux LED [Im]       5276         LED power (M)       29,4         Luminaire luminous flux [Im]       4241         Power of luminaire [M]       33,1         Color of the light [K]       4000         CRI       82         SDCM (LED sources)       3         Beam angle [°]       (Co-C180) / (C90-C270) - 11,6° / 13,4         Protection against electric shock       1         Protection degree       IP20         Voltage       220.240 V, 50.60 Hz			
Name       LUXCAN R 4800 13° EDD 04 840 3F         Index       19.3067.0020.04         Image:       19.3067.0020.04         Image:       Image:         Image: <t< th=""><th>Product information</th><th>Category Projector</th><th>'S</th></t<>	Product information	Category Projector	'S
Index       19.3067.0020.04         Image: Construction of the second		Family LUXCAN	R
Light and electrical data       Light source       LED         Luminous flux LED [Im]       5276         LED power [M]       29,4         Luminous flux LED [Im]       4241         Power of luminaire luminous flux [Im]       4241         Power of the light efficiency [Im/M]       128,1         Color of the light (K)       4000         CRI       82         SDCM (LED sources)       3         Beam angle [°]       (Co-C180) / (C90-C270) - 11,6° / 13,7         Protection against electric shock       I         Protection degree       IP20         Voltage       220.240 V, 50.60 Hz         Lifetime of LED sources [h]       77000 (1) / 100000 (2) / 100000 (3)         Lx/By       L90/B10 (1) / L80/B10 (2) / L70/B10         Operating temperature range [°C]       -20 + 35         Driver       Diffuser         Prover factor cos \$\varphi\$       >0,95         Circuit load capacity       20 (B10), 30 (B16), 32 (C10), 52 (C1         Material       aluminum         Color       RAL 9005 (black)         Diffuser       none         Impact resistant       IK04		Name LUXCAN	R 4800 13° EDD 04 840 3F
Light and electrical data Light source Luminous flux LED [Im] 5276 LED power [W] 29,4 Luminaire luminous flux [Im] 4241 Power of luminaire's light efficiency [Im/W] 128,1 Color of the light [K] 4000 CRI 82 SDCM (LED sources) 3 Beam angle [^] (C0-C180) / (C90-C270) - 11,6° / 13,4 Protection against electric shock I Protection degree IP20 Voltage 220240 V, 5060 Hz Lifetime of LED sources [h] 77000 (1) / 100000 (2) / 100000 (3) Lx/By Lifetime of LED sources [h] 77000 (1) / 100000 (2) / 100000 (3) Lx/By Lifetime of LED sources [h] Power factor cos φ >0,95 Circuit load capacity 20 (B10), 30 (B16), 32 (C10), 52 (C1 Mechanical data Assembly mounted on a three-phase track Material aluminum Color RAL 9005 (black) Diffuser none Impact resistant IK04		Index 19.3067.0	0020.04
Luminous flux LED [Im]5276LED power [W]29,4Luminaire luminous flux [Im]4241Power of luminaire [W]33,1Luminaire's light efficiency [ImW]128,1Color of the light [K]4000CRI82SDCM (LED sources)3Beam angle [°](C0-C180) / (C90-C270) - 11,6° / 13,4Protection against electric shockIProtection against electric shockIProtection degreeIP20Voltage220240 V, 5060 HzLifetime of LED sources [h]77000 (1) / 100000 (2) / 100000 (3)Lx/ByL90/B10 (1) / L80/B10 (2) / L70/B10Operating temperature range [°C]-20 ÷ 35DriverDIM DALI (EDD)Power factor cos φ>0,95Circuit load capacity20 (B10), 30 (B16), 32 (C10), 52 (C10)Mechanical dataAssemblymounted on a three-phase trackMaterialaluminumColorRAL 9005 (black)DiffusernoneImpact resistantIK04		CE	
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Power of luminaire [W]33,1Luminaire's light efficiency [Im/W]128,1Color of the light [K]4000CRI82SDCM (LED sources)3Beam angle [°](C0-C180) / (C90-C270) - 11,6° / 13,Protection against electric shockIProtection degreeIP20Voltage220240 V, 5060 HzLifetime of LED sources [h]77000 (1) / L80/B10 (2) / L70/B10Operating temperature range [°C]-20 ÷ 35DriverDIM DALI (EDD)Power factor cos φ>0,95Circuit load capacity20 (B10), 30 (B16), 32 (C10), 52 (C10)Mechanical dataAssemblyMaterialaluminumColorRAL 9005 (black)DiffusernoneImpact resistantIK04		LED power [W]	29,4
Luminaire's light efficiency [Im/W]128,1Color of the light [K]4000CRI82SDCM (LED sources)3Beam angle [°](C0-C180) / (C90-C270) - 11,6° / 13,4Protection against electric shock1Protection degreeIP20Voltage220240 V, 5060 HzLifetime of LED sources [h]77000 (1) / 100000 (2) / 100000 (3)Lx/ByL90/B10 (1) / L80/B10 (2) / L70/B10Operating temperature range [°C]-20 ÷ 35DriverDIM DAL1 (EDD)Power factor cos φ>0,95Circuit load capacity20 (B10), 30 (B16), 32 (C10), 52 (C1Mechanical dataAssemblymounted on a three-phase trackMaterialaluminumColorRAL 9005 (black)DiffusernoneImpact resistantIK04		Luminaire luminous flux [lm	] 4241
Color of the light [K]4000CRI82SDCM (LED sources)3Beam angle [°](C0-C180) / (C90-C270) - 11,6° / 13,4Protection against electric shockIProtection against electric shockIProtection degreeIP20Voltage220240 V, 5060 HzLifetime of LED sources [h]77000 (1) / 100000 (2) / 100000 (3)Lx/ByL90/B10 (1) / L80/B10 (2) / L70/B10Operating temperature range [°C]-20 ÷ 35DriverDIM DALI (EDD)Power factor cos φ>0,95Circuit load capacity20 (B10), 30 (B16), 32 (C10), 52 (C1Mechanical dataAssemblymounted on a three-phase track MaterialMaterialaluminumColorRAL 9005 (black)DiffusernoneImpact resistantIK04		Power of luminaire [W]	33,1
CRI       82         SDCM (LED sources)       3         Beam angle [°]       (C0-C180) / (C90-C270) - 11,6° / 13,4         Protection against electric shock       I         Protection degree       IP20         Voltage       220240 V, 5060 Hz         Lifetime of LED sources [h]       77000 (1) / 100000 (2) / 100000 (3)         Lx/By       L90/B10 (1) / L80/B10 (2) / L70/B10         Operating temperature range [°C]       -20 ÷ 35         Driver       DIM DALI (EDD)         Power factor cos φ       >0,95         Circuit load capacity       20 (B10), 30 (B16), 32 (C10), 52 (C1         Mechanical data       Assembly       mounted on a three-phase track         Material       aluminum         Color       RAL 9005 (black)       Diffuser         Diffuser       none       none         Impact resistant       IK04       IK04		Luminaire's light efficiency	[lm/W] 128,1
SDCM (LED sources)       3         Beam angle [°]       (C0-C180) / (C90-C270) - 11,6° / 13,4         Protection against electric shock       I         Protection degree       IP20         Voltage       220240 V, 5060 Hz         Lifetime of LED sources [h]       77000 (1) / 100000 (2) / 100000 (3)         Lx/By       L90/B10 (1) / L80/B10 (2) / L70/B10         Operating temperature range [°C]       -20 ÷ 35         Driver       DIM DALI (EDD)         Power factor cos φ       >0,95         Circuit load capacity       20 (B10), 30 (B16), 32 (C10), 52 (C10)         Mechanical data       Assembly       mounted on a three-phase track         Material       aluminum         Color       RAL 9005 (black)         Diffuser       none         Impact resistant       IK04		Color of the light [K]	4000
Beam angle [°](C0-C180) / (C90-C270) - 11,6° / 13,4Protection against electric shockIProtection degreeIP20Voltage220240 V, 5060 HzLifetime of LED sources [h]77000 (1) / 100000 (2) / 100000 (3)Lx/ByL90/B10 (1) / L80/B10 (2) / L70/B10Operating temperature range [°C]-20 ÷ 35DriverDIM DALI (EDD)Power factor cos φ>0,95Circuit load capacity20 (B10), 30 (B16), 32 (C10), 52 (C1Mechanical dataAssemblymounted on a three-phase trackMaterialaluminumColorRAL 9005 (black)DiffusernoneImpact resistantIK04		CRI	82
Protection against electric shock       I         Protection degree       IP20         Voltage       220240 V, 5060 Hz         Lifetime of LED sources [h]       77000 (1) / 100000 (2) / 100000 (3)         Lx/By       L90/B10 (1) / L80/B10 (2) / L70/B10         Operating temperature range [°C]       -20 ÷ 35         Driver       DIM DAL1 (EDD)         Power factor cos φ       >0,95         Circuit load capacity       20 (B10), 30 (B16), 32 (C10), 52 (C1         Material       aluminum         Color       RAL 9005 (black)         Diffuser       none         Impact resistant       IK04		SDCM (LED sources)	3
Protection degree       IP20         Voltage       220.240 V, 50.60 Hz         Lifetime of LED sources [h]       77000 (1) / 100000 (2) / 100000 (3)         Lx/By       L90/B10 (1) / L80/B10 (2) / L70/B10         Operating temperature range [°C]       -20 ÷ 35         Driver       DIM DALI (EDD)         Power factor cos φ       >0,95         Circuit load capacity       20 (B10), 30 (B16), 32 (C10), 52 (C1         Material       aluminum         Color       RAL 9005 (black)         Diffuser       none         Impact resistant       IK04		Beam angle [°]	(C0-C180) / (C90-C270) - 11,6° / 13,4°
Voltage220240 V, 5060 HzLifetime of LED sources [h]77000 (1) / 100000 (2) / 100000 (3)Lx/ByL90/B10 (1) / L80/B10 (2) / L70/B10Operating temperature range [°C]-20 ÷ 35DriverDIM DALI (EDD)Power factor cos φ>0,95Circuit load capacity20 (B10), 30 (B16), 32 (C10), 52 (C1Mechanical dataAssemblyMaterialaluminumColorRAL 9005 (black)DiffusernoneImpact resistantIK04		Protection against electric s	shock I
Lifetime of LED sources [h] 77000 (1) / 100000 (2) / 100000 (3) Lx/By L90/B10 (1) / L80/B10 (2) / L70/B10 Operating temperature range [°C] -20 ÷ 35 Driver DIM DALI (EDD) Power factor cos φ >0,95 Circuit load capacity 20 (B10), 30 (B16), 32 (C10), 52 (C1 Material aluminum Color RAL 9005 (black) Diffuser none Impact resistant IK04		Protection degree	IP20
Lx/ByL90/B10 (1) / L80/B10 (2) / L70/B10Operating temperature range [°C]-20 ÷ 35DriverDIM DALI (EDD)Power factor cos φ>0,95Circuit load capacity20 (B10), 30 (B16), 32 (C10), 52 (C1Mechanical dataAssemblyMaterialaluminumColorRAL 9005 (black)DiffusernoneImpact resistantIK04		Voltage	220240 V, 5060 Hz
Operating temperature range [°C]       -20 ÷ 35         Driver       DIM DALI (EDD)         Power factor cos φ       >0,95         Circuit load capacity       20 (B10), 30 (B16), 32 (C10), 52 (C1         Mechanical data       Assembly       mounted on a three-phase track         Material       aluminum         Color       RAL 9005 (black)         Diffuser       none         Impact resistant       IK04		Lifetime of LED sources [h]	77000 (1) / 100000 (2) / 100000 (3)
Driver       DIM DALI (EDD)         Power factor cos φ       >0,95         Circuit load capacity       20 (B10), 30 (B16), 32 (C10), 52 (C1         Mechanical data       Assembly       mounted on a three-phase track         Material       aluminum         Color       RAL 9005 (black)         Diffuser       none         Impact resistant       IK04		Lx/By	L90/B10 (1) / L80/B10 (2) / L70/B10 (3)
Power factor cos φ       >0,95         Circuit load capacity       20 (B10), 30 (B16), 32 (C10), 52 (C1         Mechanical data       Assembly       mounted on a three-phase track         Material       aluminum         Color       RAL 9005 (black)         Diffuser       none         Impact resistant       IK04		Operating temperature ran	ge [°C] -20 ÷ 35
Circuit load capacity       20 (B10), 30 (B16), 32 (C10), 52 (C1         Mechanical data       Assembly       mounted on a three-phase track         Material       aluminum         Color       RAL 9005 (black)         Diffuser       none         Impact resistant       IK04		Driver	DIM DALI (EDD)
Mechanical data       Assembly       mounted on a three-phase track         Material       aluminum         Color       RAL 9005 (black)         Diffuser       none         Impact resistant       IK04		Power factor $\cos \phi$	>0,95
H Material aluminum Color RAL 9005 (black) Diffuser none Impact resistant IK04		Circuit load capacity	20 (B10), 30 (B16), 32 (C10), 52 (C16)
H Material aluminum Color RAL 9005 (black) Diffuser none Impact resistant IK04	Mechanical data	Assembly	mounted on a three-phase track
Diffuser     none       Impact resistant     IK04		Material	
H Diffuser none Impact resistant IK04		Color	RAL 9005 (black)
Impact resistant IK04		Diffuser	
		Impact resistant	IK04
		Dimensions [mm]	Ø108 x 210

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## A graph of light





Luminous flux tolerance +/- 10%. Power tolerance +/- 10%. Technical data may be changed. Photos of the luminaires may differ from reality. Date of last update: 23-12-2022