

Product: BERYL NEW LED O-2 3600 EDD 33 IP20/65 840 Index: 19.4036.4223.33



Description

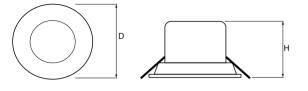
Aluminum cast housing. This technology significantly increases possibility of application of particular luminaire due to lower ceiling load since additional cooling radiator is not required. Luminaire is dedicated for prestigious interiors such as hotels, banks and offices of higher standard. Owing to the newest components and renowned producers of LEDs applied it was possible to build such luminaires which save energy consumption comparing with traditional solutions.

Product information		Category	Recessed luminaires
		Family	BERYL NEW LED O IP20/65
		Name	BERYL NEW LED O-2 3600 EDD 33 IP20/65 840
		Index	19.4036.4223.33
			E E E P20 P65 K I F

Light and electrical data

Light sourceLEDLuminous flux LED [Im]4305LED power [W]22,5Luminaire luminous flux [Im]3074Power of luminaire [W]25,5Luminaire's light efficiency [Im/W]120,5Color of the light [K]4000CRI80SDCM (LED sources)2Beam angle [°](C0-C180) / (C90-C270) - 72° / 73°Photobiological risk class (IEC/EN 62471)RG0Protection against electric shockIIProtection degreeIP20/65Voltage220240 V, 5060 HzLifetime of LED sources [h]86000 (1) / 100000 (2) / 100000 (3)Lx/ByL90/B10 (1) / L80/B10 (2) / L70/B10 (3)Operating temperature range [°C]5 ÷ 30DriverDIM DALI (EDD)Power factor cos φ >0,95Circuit load capacity50 (B10), 80 (B16), 61 (C10), 98 (C16		
LED power [W]22,5Luminaire luminous flux [Im]3074Power of luminaire [W]25,5Luminaire's light efficiency [Im/W]120,5Color of the light [K]4000CRI80SDCM (LED sources)2Beam angle [°](C0-C180) / (C90-C270) - 72° / 73°Photobiological risk class (IEC/EN 62471)RG0Protection against electric shockIIProtection degreeIP20/65Voltage220240 V, 5060 HzLifetime of LED sources [h]86000 (1) / 100000 (2) / 100000 (3)Lx/ByL90/B10 (1) / L80/B10 (2) / L70/B10 (3)Operating temperature range [°C]5 ÷ 30DriverDIM DALI (EDD)Power factor cos φ >0,95	Light source	LED
Luminaire luminous flux [Im]3074Power of luminaire [W]25,5Luminaire's light efficiency [Im/W]120,5Color of the light [K]4000CRI80SDCM (LED sources)2Beam angle [°](C0-C180) / (C90-C270) - 72° / 73°Photobiological risk class (IEC/EN 62471)RG0Protection against electric shockIIProtection degreeIP20/65Voltage220240 V, 5060 HzLifetime of LED sources [h]86000 (1) / 100000 (2) / 100000 (3)Lx/ByL90/B10 (1) / L80/B10 (2) / L70/B10 (3)Operating temperature range [°C]5 ÷ 30DriverDIM DALI (EDD)Power factor cos φ >0,95	Luminous flux LED [lm]	4305
Power of luminaire [W]25,5Luminaire's light efficiency [Im/W]120,5Color of the light [K]4000CRI80SDCM (LED sources)2Beam angle [°](C0-C180) / (C90-C270) - 72° / 73°Photobiological risk class (IEC/EN 62471)RG0Protection against electric shockIIProtection degreeIP20/65Voltage220240 V, 5060 HzLifetime of LED sources [h]86000 (1) / 100000 (2) / 100000 (3)Lx/ByL90/B10 (1) / L80/B10 (2) / L70/B10 (3)Operating temperature range [°C]5 ÷ 30DriverDIM DALI (EDD)Power factor cos φ >0,95	LED power [W]	22,5
Luminaire's light efficiency [lm/W]120,5Color of the light [K]4000CRI80SDCM (LED sources)2Beam angle [°](C0-C180) / (C90-C270) - 72° / 73°Photobiological risk class (IEC/EN 62471)RG0Protection against electric shockIIProtection degreeIP20/65Voltage220240 V, 5060 HzLifetime of LED sources [h]86000 (1) / 100000 (2) / 100000 (3)Lx/ByL90/B10 (1) / L80/B10 (2) / L70/B10 (3)Operating temperature range [°C]5 ÷ 30DriverDIM DALI (EDD)Power factor cos φ >0,95	Luminaire luminous flux [lm]	3074
Color of the light [K]4000CRI80SDCM (LED sources)2Beam angle [°](C0-C180) / (C90-C270) - 72° / 73°Photobiological risk class (IEC/EN 62471)RG0Protection against electric shockIIProtection degreeIP20/65Voltage220240 V, 5060 HzLifetime of LED sources [h]86000 (1) / 100000 (2) / 100000 (3)Lx/ByL90/B10 (1) / L80/B10 (2) / L70/B10 (3)Operating temperature range [°C]5 ÷ 30DriverDIM DALI (EDD)Power factor cos φ >0,95	Power of luminaire [W]	25,5
CRI80SDCM (LED sources)2Beam angle [°](C0-C180) / (C90-C270) - 72° / 73°Photobiological risk class (IEC/EN 62471)RG0Protection against electric shockIIProtection degreeIP20/65Voltage220240 V, 5060 HzLifetime of LED sources [h]86000 (1) / 100000 (2) / 100000 (3)Lx/ByL90/B10 (1) / L80/B10 (2) / L70/B10 (3)Operating temperature range [°C]5 ÷ 30DriverDIM DALI (EDD)Power factor cos ϕ >0,95	Luminaire's light efficiency [lm/W]	120,5
SDCM (LED sources)2Beam angle [°](C0-C180) / (C90-C270) - 72° / 73°Photobiological risk class (IEC/EN 62471)RG0Protection against electric shockIIProtection degreeIP20/65Voltage220240 V, 5060 HzLifetime of LED sources [h]86000 (1) / 100000 (2) / 100000 (3)Lx/ByL90/B10 (1) / L80/B10 (2) / L70/B10 (3)Operating temperature range [°C]5 ÷ 30DriverDIM DALI (EDD)Power factor cos φ >0,95	Color of the light [K]	4000
Beam angle [°](C0-C180) / (C90-C270) - 72° / 73°Photobiological risk class (IEC/EN 62471)RG0Protection against electric shockIIProtection degreeIP20/65Voltage220240 V, 5060 HzLifetime of LED sources [h]86000 (1) / 100000 (2) / 100000 (3)Lx/ByL90/B10 (1) / L80/B10 (2) / L70/B10 (3)Operating temperature range [°C]5 ÷ 30DriverDIM DALI (EDD)Power factor cos φ >0,95	CRI	80
Photobiological risk class (IEC/EN 62471)RG0Protection against electric shockIIProtection degreeIP20/65Voltage220240 V, 5060 HzLifetime of LED sources [h]86000 (1) / 100000 (2) / 100000 (3)Lx/ByL90/B10 (1) / L80/B10 (2) / L70/B10 (3)Operating temperature range [°C]5 ÷ 30DriverDIM DALI (EDD)Power factor cos φ>0,95	SDCM (LED sources)	2
62471) Protection against electric shock II Protection degree IP20/65 Voltage 220240 V, 5060 Hz Lifetime of LED sources [h] 86000 (1) / 100000 (2) / 100000 (3) Lx/By L90/B10 (1) / L80/B10 (2) / L70/B10 (3) Operating temperature range [°C] 5 ÷ 30 Driver DIM DALI (EDD) Power factor cos φ >0,95	Beam angle [°]	(C0-C180) / (C90-C270) - 72° / 73°
Protection degree IP20/65 Voltage 220240 V, 5060 Hz Lifetime of LED sources [h] 86000 (1) / 100000 (2) / 100000 (3) Lx/By L90/B10 (1) / L80/B10 (2) / L70/B10 (3) Operating temperature range [°C] 5 ÷ 30 Driver DIM DALI (EDD) Power factor cos φ >0,95	0	RG0
Voltage 220240 V, 5060 Hz Lifetime of LED sources [h] 86000 (1) / 100000 (2) / 100000 (3) Lx/By L90/B10 (1) / L80/B10 (2) / L70/B10 (3) Operating temperature range [°C] 5 ÷ 30 Driver DIM DALI (EDD) Power factor cos φ >0,95	Protection against electric shock	II
Lifetime of LED sources [h] 86000 (1) / 100000 (2) / 100000 (3) Lx/By L90/B10 (1) / L80/B10 (2) / L70/B10 (3) Operating temperature range [°C] 5 ÷ 30 Driver DIM DALI (EDD) Power factor cos φ >0,95	Protection degree	IP20/65
Lx/By L90/B10 (1) / L80/B10 (2) / L70/B10 (3) Operating temperature range [°C] 5 ÷ 30 Driver DIM DALI (EDD) Power factor cos φ >0,95	Voltage	220240 V, 5060 Hz
(3)Operating temperature range [°C] $5 \div 30$ DriverDIM DALI (EDD)Power factor $\cos \phi$ >0,95	Lifetime of LED sources [h]	86000 (1) / 100000 (2) / 100000 (3)
Driver DIM DALI (EDD) Power factor cos φ >0,95	Lx/By	
Power factor $\cos \varphi$ >0,95	Operating temperature range [°C]	5 ÷ 30
	Driver	DIM DALI (EDD)
Circuit load capacity 50 (B10), 80 (B16), 61 (C10), 98 (C16	Power factor $\cos \phi$	>0,95
	Circuit load capacity	50 (B10), 80 (B16), 61 (C10), 98 (C16)

Mechanical data



Assembly	mounted in module ceilings, as well as plasterboard ceilings
Material	aluminum
Color	RAL 9010 (white)
Diffuser	transparent glass
Impact resistant	IK06
Weight [kg]	1
Dimensions [mm]	Ø165 x 100
Mounting hole [mm]	Ø140

A graph of light

