THREELINE
SPAIN

CALIFORNIA
OFD20W

20W recessed Downlight LED
UGR<19



PRO

5
GARANTÍA

FLICKER FREE

www.threeline.es

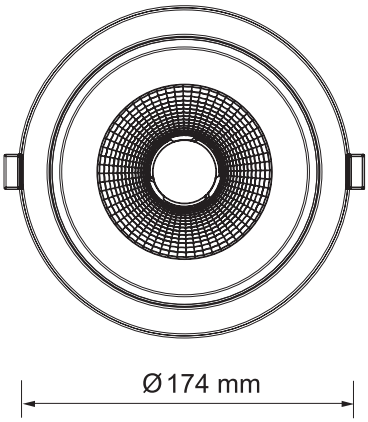
THREELINE
SPAIN

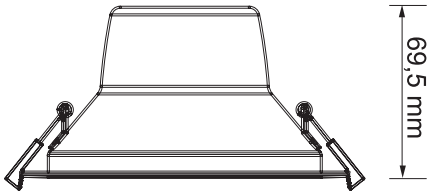
SPECIFICATIONS · PRODUCT DATA

Electrical data	
Input	220 ~ 240Vac
Mains frequency	50/60Hz
Power	20W
Fower factor	> 0,9
LEDs n°	33 chips SMD2835
LED power	0,61W
IEC protection class	Class II
Photometric data	
Luminous efficiency	90 lm/W
CRI (Ra)	> 80
Luminous lux (Nominal / Real) CCT	2200lm · 1800lm · 6000K · BF 2160lm · 1700lm · 4000K · BN 2100lm · 1600lm · 3000K · BC
Luminous intensity	2545 cd
SDCM Standard deviation colour adjustment	<3
Degree of opening	60°
Working Temp.	-20°C ~ 40°C
Switchovers n°	30.000
Certifications	CE, RoHS
Energy efficiency	A+
Working life	50.000h (L70B50)
Materials and physical characteristics	
Body	Aluminum alloy
Diffuser	Polycarbonate
Reflector	Aluminum alloy
Finish	White RAL 9016
Measurements in mm (diameter x height)	Ø174 X 69,5
Weight (g)	467
Characteristics	
IP Rating	IP20
IK Rating	IK03
UGR Rating	< 19
Flicker	No
Options	
Dimming option	Optional (see dimming table)
Control option	Optional (MDRF) Optional (MDBT)
Emergency kit option	Optional (KEU503)
Sensor movement option	Optional (SP20)
Sensor daylight option	Optional (SL20)
Packaging	
Packaging measurements	600 X 580 X 410
Packaging weight (kg)	15
Units (units/box)	30 units/box

C/Pulimentadores,1 · 02640 Almansa (Albacete) · T. 967 318 293 · F. 96 340 002
tl@threeline.es · www.threeline.es

Measurements in mm





Installation

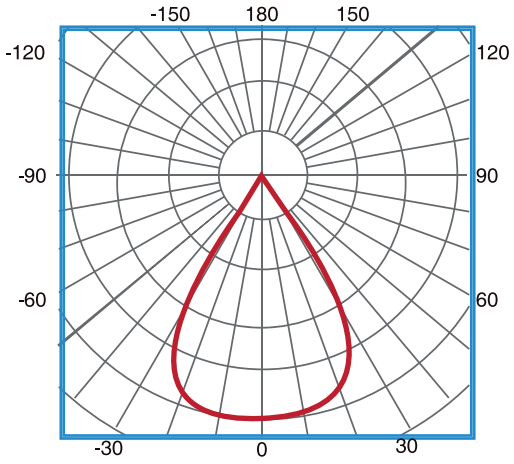


Ø = 140mm

Optics

Beam angle 60°

H (m)	Diameter (m)	Emax (lx)
1	0.91	2545
2	1.82	636
3	2.73	283
4	3.64	159



C/Pulimentadores,1 · 02640 Almansa (Albacete) · T. 967 318 293 · F. 96 340 002
tl@threeline.es · www.threeline.es

References

		W				CCT	CRI
OFD20WBFBL	RAL9016	20 W	2200 lm	1800 lm	60°	BF: 6000K	> 80
OFD20WBNBL	RAL9016	20 W	2160 lm	1700 lm	60°	BN: 4000K	> 80
OFD20WBCBL	RAL9016	20 W	2100 lm	1600 lm	60°	BC: 3000K	> 80

Dimming options

	Dimming
P	Button
DA	DALI
DM	0/1-10V
CS	CASAMBI dimming

When choosing dimming option, please complete your reference with the code.

IP20 PRO OPCIONAL 1 seg 2 seg X30.000 50.000h A 0.09 cos Ø >0.9 CRI >80

Rev 1904

C/Pulimentadores,1 · 02640 Almansa (Albacete) · T. 967 318 293 · F. 96 340 002
tl@threeline.es · www.threeline.es