

BASIC PRODUCT INFORMATION

PRODUCT NAME	20 - R60 - MODUL - 2.7K - W/B
ARTICLE NUMBER LED-MODULE - WHITE / BLACK	TBA / 386030
GTIN NUMBER	TBA
PRODUCT SERIES	RIND 60
CATEGORY	RECESSED SPOTLIGHT
AVAILABLE FINISHES LED-MODULES	WHITE / BLACK
AVAILABLE FINISHES REFLECTORS & ENCLOSURES	WHITE / BLACK / BRASS / NICKEL / GUNMETAL / BRONZE
AVAILABLE OPTICS	15 °/ 30 °/ 50 °

LIGHT SOURCE

LIGHT SOURCE	FIXED COB LED
CHIP / MANUFACTURER	CREE
COLOR TEMPERATURE	2700 K
COLOR RENDERING INDEX	CRI 98
R9	91
TM-30	Rf 94 / Rg 99
SDCM (MacAdam)	2
LUMINOUS FLUX	506.7 lm
EFFICACY	56.4 lm/W
POWER (WATTAGE)	6.3 W
LIGHT DISTRIBUTION	0.927

ELECTRICAL DATA

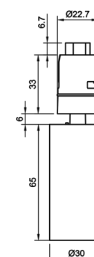
DRIVER	PHASE-CUT / DALI
RATED VOLTAGE	220 - 240 VAC
FREQUENCY	50 Hz
CURRENT	700 mA
SYSTEM POWER	8.99 W
CONNECTION	Quick-connector (phase cut) / Terminal block (DALI)
ELECTRICAL INSULATION CLASS	CLASS III

MECHANICAL / PHYSICAL

MATERIAL	ALUMINIUM
SURFACE TREATMENT	POWDER COAT / ANODISING
DIMENSIONS (Ø x H)	Ø 61.8 x 55 mm
CUTOUT	PLASTER: 50x35 mm PANEL: Ø23 / Ø28
WEIGHT	0.089 kg (88,9 g)
IP RATING	IP 20
RECESSED DEPTH	48 mm

WARRANTY

WARRANTY PERIOD	5 YEARS
LIFESPAN	50.000 h
ENERGY CLASS	G (EU 2019/2015)



RELEVANT ARTICLE NUMBERS

TYPE	PRODUCT NAME	ARTICLE NUMBER
TRIMLESS KIT	20 - TRIMLESS - GIPS	386015
TRIMLESS KIT	20 - WOOD KIT	386014
LED MODULE	20 - R60 - MODUL - 2.7K - W	TBA
LED MODULE	20 - R60 - MODUL - 2.7K - B	386030
LENS	60 - LINSE - 15°	38904
LENS	60 - LINSE - 30°	38905
LENS	60 - LINSE - 50°	38906
ENCLOSURE	60 - IN - W (WHITE)	38142
ENCLOSURE	60 - IN - B (BLACK)	38144
ENCLOSURE	60 - IN - BR (BRASS)	38140
ENCLOSURE	60 - IN - NI (NICKEL)	38136
ENCLOSURE	60 - IN - GM (GUNMETAL)	38138
ENCLOSURE	60 - IN - PBR (BRONZE)	38146
REFLECTOR	60 - RE - W (WHITE)	38143
REFLECTOR	60 - RE - B (BLACK)	38145
REFLECTOR	60 - RE - BR (BRASS)	38141
REFLECTOR	60 - RE - NI (NICKEL)	38137
REFLECTOR	60 - RE - GM (GUNMETAL)	38139
REFLECTOR	60 - RE - PBR (BRONZE)	38147

PHOTOMETRIC DATA

LENS : 15 °	LENS : 30 °	LENS : 50 °
UGR: < 10	UGR: < 10	UGR: ≤ 19
UNIT:cd - C0/180, 23.2 - C30/210, 23.2 - C60/240, 23.0 - C90/270, 22.9 AVERAGE BEAM ANGLE (50%) : 23.1 DEG	UNIT:cd - C0/180, 32.7 - C30/210, 32.8 - C60/240, 32.7 - C90/270, 32.6 AVERAGE BEAM ANGLE (50%) : 32.7 DEG	UNIT:cd - C0/180, 46.0 - C30/210, 46.0 - C60/240, 45.8 - C90/270, 44.9 AVERAGE BEAM ANGLE (50%) : 45.7 DEG

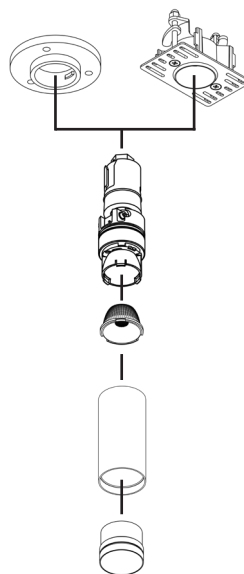
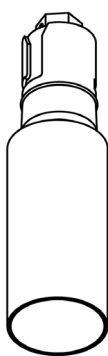


IP 20



Cutout:
Plaster: 50 x 35mm
Wood: Ø23 / Ø 28mm





K20 - TRIMLESS - (WOOD / GIPS)

K20-R60 - MODUL - 6.3 W (W/B)

60 - LINSE - (15 ° / 30 ° / 50 °)

60 - IN - (W / B / BR / NI / GM / PBR)

60 - RE - (W / B / BR / NI / GM / PBR)

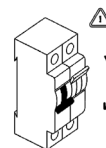
1.0 - PRODUCT INFORMATION

RIND 60 trimless spot with the 20 Trimless kit combines the RIND 60 spot with a fully plaster-in housing, so the spot disappears almost completely into the finished ceiling. With the Wood kit, the trim can also be mounted in wood panels for a warm, discreet accent. A high-end, near-invisible solution for feature ceilings and areas where no visible fixture is wanted.

2.0 - INSTALLATION TRIMLESS GYPSUM (PLASTER KIT)

2.1 - Make sure the power is disconnected. Run the cable to the planned location in an approved downlight box (min. 48mm box).

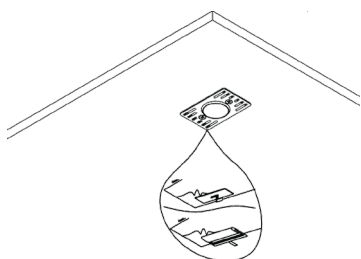
IMPORTANT NOTE: Drivers need to be installed in a remote location, as they will not fit through the trimless kit opening.



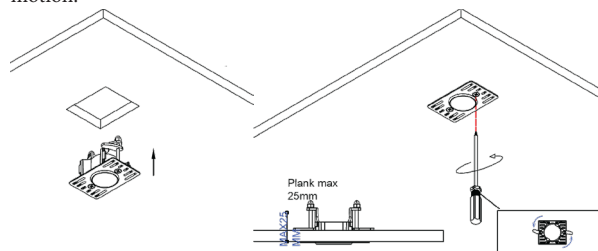
2.2 - Cut out 50x35 mm in the ceiling for the installation of the trimless kit.



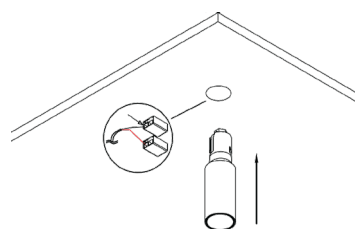
2.4 - Apply ceiling joint compound / spackle and sand it down until the surface is even and smooth before applying paint.



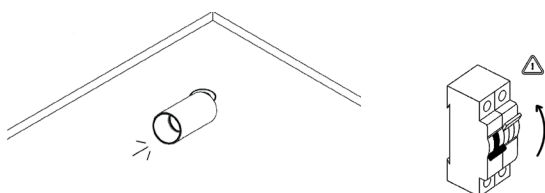
2.3 - Mount the trimless kit inside the 50x35 cutout hole using a suitable screwdriver. Tighten the wings by rotating in a clock-wise motion.



2.5 - Connect the cables using approved connector blocks or junction box.



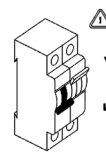
2.6 - Make sure everything is securely connected, turn the power on and test if everything works like intended.



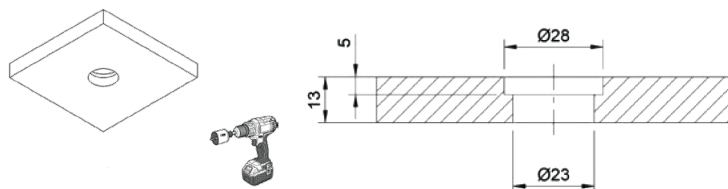
3.0 - INSTALLATION WOODEN PANEL (WOOD KIT)

3.1 - Make sure the power is disconnected. Run the cable to the planned location in an approved downlight box (min. 48mm box).

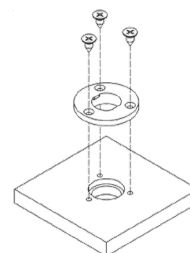
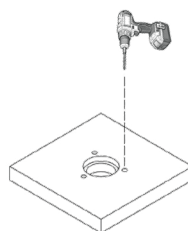
IMPORTANT NOTE: Drivers need to be installed in a remote location, as they will not fit through the trimless kit opening.



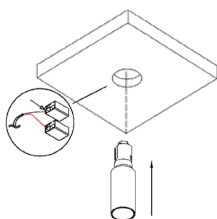
3.2 - Cut out hole (Ø23mm) through and Ø28mm from the top-side (see cut-out section view)



3.3 - Pre drill holes for the back-mounted kit with 2-3mm. Make sure to not drill all the way through the panel. Secure the back-mounted kit to the top-side of the panel using the included fasteners



3.4 - Connect the power cables to the primary input of the driver and the K20 module to the secondary out on the driver. Install the module by pushing the module in. Secure by rotating 45 degrees.



3.5 - Make sure everything is securely connected, turn the power on and test if everything works like intended.

