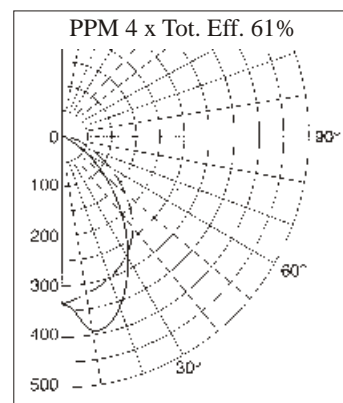


Manarf-Lux

oprawy o wietleniowe
luminaires manufacture

oprawy do sufitów podwieszanych gipsowo-kartonowych fitting recessed for plasterboard ceilings

GAMMA PPM 4 X 18 W - 36 W

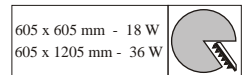
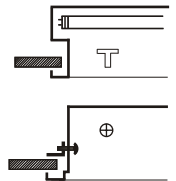
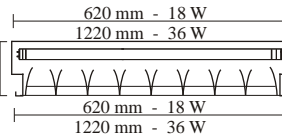
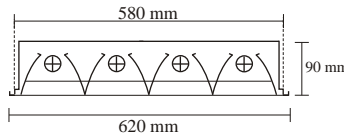
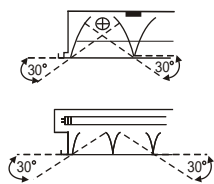


OPRAWA DO SUFITOW PODWIESZANYCH KARTONOWO-GIPSOWYCH

- Korpus: z blachy stalowej, malowany farbami proszkowymi w kolorze białym.
Dyfuzor: Raster Dark Light wykonany z aluminium matowego.
Odbły niki i poprzeczki ukształtowane parabolicznie, o niskiej luminancji 60°.
Okablowanie: Zasilanie 230V/50Hz, kondensator kompensujący.
Normatywy: Produkt wykonany zgodnie z norm : PN-EN 60598-CEI-34-21,
stopień zabezpieczenia zgodnie z norm EN 60529.

RECESSED CEILING LIGHTS FOR PLASTERBOARD CEILING

- Body: in pressed steel, powder coated, white colour.
Diffuser: Double parabolic dark light louvre, made of matt aluminium, 60° low luminance.
Electric gear: 230V/50Hz, condenser for ballast.
Regulations: Manufactured in compliance with PN-EN 60598-CEI-34-21 standards.
The level of protection complies with the EN 60529 standard.



LUMINAIRES SELECTION TABLES

PPM 4 X 18 W

| Type of light sources | standard lamp | | three phospor lamp | |
|-------------------------|-------------------|---------|--------------------|---------|
| Luminous flux | 1150 lm | | 1350 lm | |
| Height 3 m. - 0,80 m. | | | | |
| Average light intensity | 300 lux | 500 lux | 300 lux | 500 lux |
| Area [m2] | No. of luminaires | | No. of luminaires | |
| 60 | 8,4 | 13,9 | 7,1 | 11,9 |
| 80 | 11,2 | 18,6 | 9,5 | 15,8 |
| 100 | 13,9 | 23,2 | 11,9 | 19,8 |
| 200 | 25,5 | 42,5 | 21,7 | 36,2 |

PPM 4 X 36 W

| Type of light sources | standard lamp | | three phospor lamp | |
|-------------------------|-------------------|---------|--------------------|---------|
| Luminous flux | 2700 lm | | 3350 lm | |
| Height 3 m. - 0,80 m. | | | | |
| Average light intensity | 300 lux | 500 lux | 300 lux | 500 lux |
| Area [m2] | No. of luminaires | | No. of luminaires | |
| 60 | 3,6 | 5,9 | 2,9 | 4,8 |
| 80 | 4,8 | 7,9 | 3,8 | 6,4 |
| 100 | 5,9 | 9,9 | 4,8 | 8,0 |
| 200 | 10,9 | 18,1 | 8,8 | 14,6 |