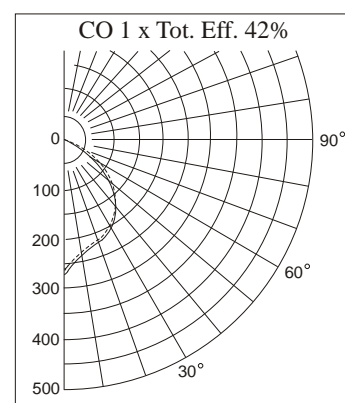
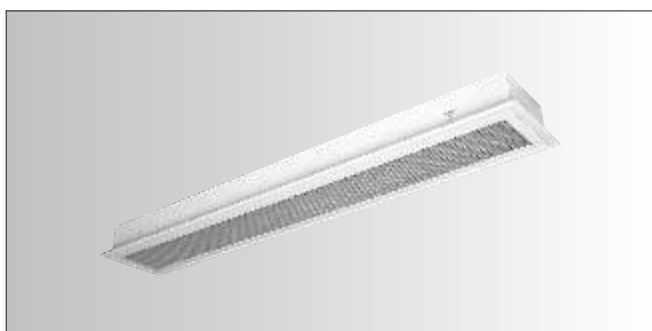


# Manarf-Lux

oprawy o wietleniowe  
luminaires manufacture

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

## GAMMA CO 1 X 18 W - 36 W - 58 W

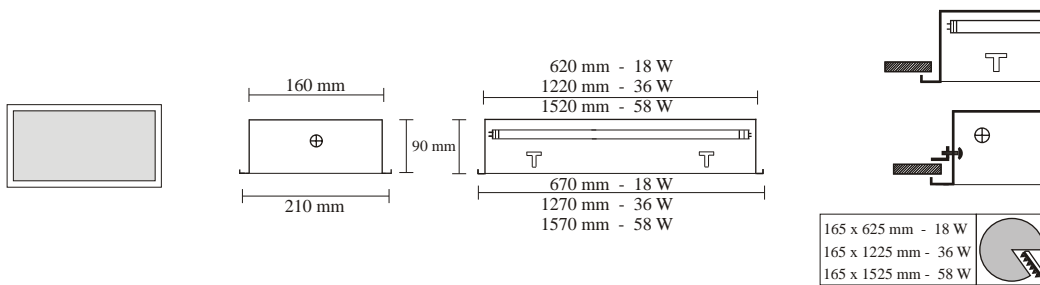


### OPRAWA DO SUFITOW PODWIESZANYCH KARTONOWO-GIPSOWYCH

Korpus: z blachy stalowej, malowany farbami proszkowymi w kolorze białym.  
Dyfuzor: Płyta mleczna akrylowa.  
Okablowanie: Zasilanie 230V/50Hz, kondensator kompensacyjny.  
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: Opal, metacrylate sheet.  
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

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	300 lux	500 lux	300 lux	500 lux
Area [m2]	No. of luminaires		No. of luminaires		No. of luminaires		No. of luminaires	
60	38,0	63,4	32,4	54,0	16,2	27,0	13,1	21,8
80	50,7	84,5	43,2	72,0	21,6	36,0	17,4	29,0
100	63,4	105,7	54,0	90,0	27,0	45,0	21,8	36,3
200	116,0	193,4	98,9	164,8	27,0	45,0	23,0	38,0

### CO 1 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	300 lux	500 lux	300 lux	500 lux
Area [m2]	No. of luminaires		No. of luminaires		No. of luminaires		No. of luminaires	
60	38,0	63,4	32,4	54,0	16,2	27,0	13,1	21,8
80	50,7	84,5	43,2	72,0	21,6	36,0	17,4	29,0
100	63,4	105,7	54,0	90,0	27,0	45,0	21,8	36,3
200	116,0	193,4	98,9	164,8	27,0	45,0	23,0	38,0

### CO 1 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	300 lux	500 lux	300 lux	500 lux
Area [m2]	No. of luminaires		No. of luminaires		No. of luminaires		No. of luminaires	
60	10,5	17,6	8,4	14,0	5,3	8,8	4,2	7,0
80	14,1	23,4	11,2	18,7	7,1	11,7	5,6	9,5
100	17,6	29,3	14,0	23,4	9,1	14,9	6,9	11,7
200	23,0	39,0	19,0	31,0	12,2	20,0	10,0	16,0

### CO 1 X 58 W

Type of light sources	standard lamp				three phospor lamp			
Luminous flux	4150 lm				5200 lm			
Height 3 m. - 0,80 m.								
Average light intensity	300 lux	500 lux	300 lux	500 lux	300 lux	500 lux	300 lux	500 lux
Area [m2]	No. of luminaires		No. of luminaires		No. of luminaires		No. of luminaires	
60	10,5	17,6	8,4	14,0	5,3	8,8	4,2	7,0
80	14,1	23,4	11,2	18,7	7,1	11,7	5,6	9,5
100	17,6	29,3	14,0	23,4	9,1	14,9	6,9	11,7
200	23,0	39,0	19,0	31,0	12,2	20,0	10,0	16,0