

## iN60 Evo System

Design iGuzzini

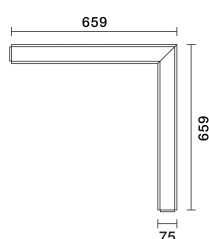
iGuzzini

Last information update: February 2025

### Product configuration: RY22.01+RU58.38

RY22.01: Surface/pendant-mounted corner module - Warm White - Down - UGR<19 - LO - DALI - 8.5W 806.4lm - 3000K - CRI 90 - White

RU58.38: Single Microprismatic screen L=1200 (UGR) - Opaline



### Product code

RY22.01: Surface/pendant-mounted corner module - Warm White - Down - UGR<19 - LO - DALI - 8.5W 806.4lm - 3000K - CRI 90 - White

### Technical description

Minimal surface/pendant-mounted corner element; including a Warm White LED module in a Low Output (LO) version with UGR<19 controlled luminance ( $L \leq 3000 \text{cd/m}^2$ ) ideal for environments with video monitors. Integrated DALI dimmable power supply with pass-through wiring for continuous lines. The module optic and structural fittings allow high luminous flux and system efficiency values. Extruded aluminium heat sink and "Halogen Free" electric cables. Element with light not including a screen but compatible with both roll and single MPO screens.

### Installation

Surface or pendant-mounted

### Colour

White (01)

### Wiring

Quick coupling terminal block connection to simplify connections between the subsequent modules. Complete with integrated dimmable DALI power supply.

Complies with EN60598-1 and pertinent regulations



IP20



### Accessory code

RU58.38: Single Microprismatic screen L=1200 (UGR) - Opaline

### Technical description

Flexible single Microprismatic screen for composition L=1200 - UGR< 19 optic -

### Installation

snapped on via special springs located in the profile

### Colour

Opaline (38)

### Notes

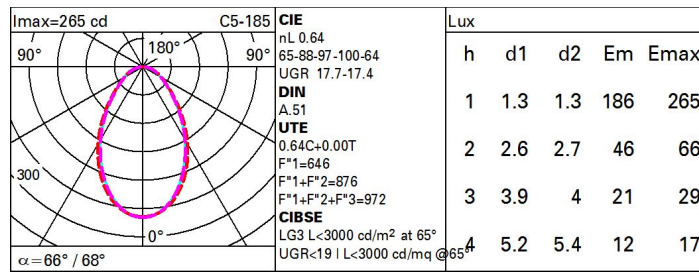
TPa rated

Complies with EN60598-1 and pertinent regulations

### Technical data

lm system:	806	Colour temperature [K]:	3000
W system:	8.5	MacAdam Step:	3
lm source:	630	Life Time LED 1:	> 50,000h - L90 - B10 (Ta 25°C)
W source:	3.5	Lamp code:	LED
Luminous efficiency (lm/W, real value):	94.9	Number of lamps for optical assembly:	1
lm in emergency mode:	-	ZVEI Code:	LED
Total light flux at or above an angle of 90° [Lm]:	0	Number of optical assemblies:	2
Light Output Ratio (L.O.R.) [%]:	64	Control:	DALI-2
CRI (minimum):	90		

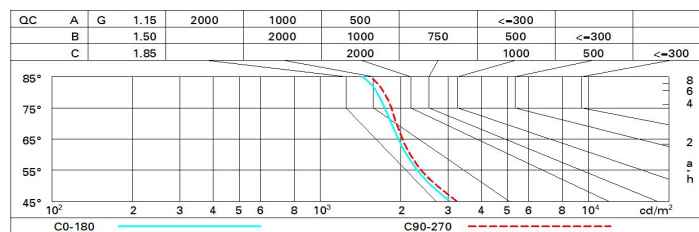
# Polar



# Utilisation factors

R	77	75	73	71	55	53	33	00	DRR
K0.8	47	42	38	35	41	37	37	33	52
1.0	51	46	42	39	45	42	41	38	59
1.5	57	52	49	47	51	49	48	45	70
2.0	60	57	54	52	55	53	52	49	77
2.5	62	59	57	55	58	56	55	52	81
3.0	63	61	59	57	60	58	57	54	85
4.0	65	63	61	60	62	60	59	57	88
5.0	65	64	63	62	63	62	60	58	91

# Luminance curve limit



# UGR diagram

Corrected UGR values (at 630 lm bare lamp luminous flux)												
Reflect.: ceiling/cav walls work pl. Room dim x y		0.70	0.70	0.50	0.50	0.30	0.70	0.70	0.50	0.50	0.30	0.30
		0.50	0.30	0.50	0.30	0.30	0.50	0.30	0.50	0.30	0.30	0.30
		0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20
		viewed crosswise					viewed endwise					
2H	2H	14.5	15.5	14.8	15.8	16.0	14.8	15.8	15.1	16.0	16.3	
	3H	15.7	16.6	16.0	16.9	17.2	15.0	15.9	15.4	16.2	16.5	
	4H	16.2	17.0	16.5	17.3	17.6	15.1	16.0	15.5	16.3	16.6	
	6H	16.6	17.4	17.0	17.7	18.0	15.1	15.9	15.5	16.3	16.6	
	8H	16.7	17.5	17.1	17.8	18.2	15.1	15.9	15.5	16.2	16.6	
	12H	16.8	17.6	17.2	17.9	18.3	15.1	15.8	15.5	16.2	16.5	
4H	2H	14.9	15.8	15.3	16.1	16.4	16.4	17.3	16.8	17.6	17.9	
	3H	16.3	17.0	16.7	17.4	17.7	16.9	17.6	17.3	18.0	18.4	
	4H	16.9	17.6	17.3	17.9	18.3	17.1	17.8	17.6	18.2	18.6	
	6H	17.5	18.0	17.9	18.5	18.9	17.3	17.9	17.8	18.3	18.7	
	8H	17.7	18.2	18.1	18.6	19.1	17.4	17.9	17.8	18.3	18.8	
	12H	17.8	18.3	18.3	18.7	19.2	17.4	17.9	17.8	18.3	18.8	
8H	4H	17.2	17.7	17.6	18.1	18.6	18.0	18.5	18.4	18.9	19.3	
	6H	17.9	18.3	18.4	18.8	19.2	18.3	18.7	18.8	19.2	19.7	
	8H	18.2	18.6	18.7	19.0	19.5	18.4	18.8	18.9	19.3	19.8	
	12H	18.4	18.7	18.9	19.2	19.8	18.5	18.9	19.0	19.3	19.9	
12H	4H	17.2	17.7	17.7	18.1	18.6	18.1	18.6	18.6	19.0	19.5	
	6H	17.9	18.3	18.4	18.8	19.3	18.5	18.9	19.0	19.3	19.8	
	8H	18.3	18.6	18.8	19.1	19.6	18.7	19.0	19.2	19.5	20.0	
Variations with the observer position at spacing:												
S =		1.0H	0.2 / -0.3		0.2 / -0.3							
		1.5H	0.3 / -0.6		0.3 / -0.6							
		2.0H	0.7 / -0.7		0.8 / -0.7							