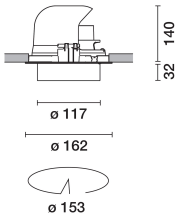


Last information update: December 2024

Product configuration: RN73

RN73: Adjustable recessed spotlight - body Ø117 - Flood optic Food: Meat Counter



Product code

RN73: Adjustable recessed spotlight - body Ø117 - Flood optic Food: Meat Counter

Technical description

Adjustable spotlight for recessed installation. Load-bearing structure with contact frame and die-cast aluminium, adjustable lighting body. Steel wire fixing springs. Coupling and rotation element in high resistance plastic, designed as a stylish internal cover and a practical recessed mounting. Available rotation: 359° - Adjustability: +60° (external) -20° (internal). Optical assembly featuring an LED lamp with high color rendering index - a specific, calibrated colour tone for highlighting meat and butcher's products. The anti-scratch reflector made of P.V.D (Physical Vapour Deposition) aluminium provides optimum performance levels in terms of yield and efficiency. Supplied with a power supply unit connected to the luminaire. Possibility of installing a flat frontal accessory - glass cover or an elliptical distribution refractor. Interchangeable spotlights in all openings available as accessories.

Installation

Recessed in false ceiling - fixed via steel springs for thicknesses from 1 to 25 mm.

Colour

White (01) | Black (04)

Weight (Kg)

1

Mounting

ceiling recessed

Wiring

Direct power line connection via the terminals on the power supply unit included.

Complies with EN60598-1 and pertinent regulations



Technical data

lm system:	2366	CRI (minimum):	80
W system:	40	MacAdam Step:	3
lm source:	2600	Life Time LED 1:	> 50,000h - L80 - B10 (Ta 25°C)
W source:	34	Lamp code:	LED
Luminous efficiency (lm/W, real value):	59.2	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:	1
Light Output Ratio (L.O.R.) [%]:	91	Power factor:	See installation instructions
Beam angle [°]:	30°	Control:	On/off

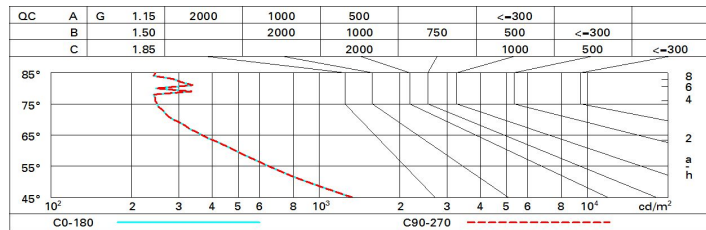
Polar

<p>Imax=9084 cd 90° 180° 90° 9000 0° α=30°</p>	CIE	Lux			
	nL 0.91	h	d	Em	Emax
	100-100-100-100-91	2	1.1	1804	2271
	UGR <10-<10	4	2.1	451	568
	DIN	6	3.2	200	252
A.61	8	4.2	113	142	
UTE					
0.91A+0.00T					
F*1=997					
F*1+F*2=999					
F*1+F*2+F*3=1000					
CIBSE					
LG3 L<1500 cd/m ² at 65°					
UGR<10 L<1500 cd/mq @65°					

Utilisation factors

R	77	75	73	71	55	53	33	00	DRR
K0.8	82	78	75	73	77	75	74	71	78
1.0	86	82	79	77	81	79	78	75	83
1.5	90	87	85	83	86	84	83	81	89
2.0	93	91	89	88	89	88	87	85	93
2.5	94	93	92	91	92	90	90	87	96
3.0	96	95	94	93	93	92	91	89	98
4.0	97	96	95	95	94	94	93	90	99
5.0	97	97	96	96	95	95	93	91	100

Luminance curve limit



UGR diagram

Corrected UGR values (at 2000 lm bare lamp luminous flux)											
Reflect.:		viewed crosswise					viewed endwise				
ceiling/cav		0.70	0.70	0.50	0.50	0.30	0.70	0.70	0.50	0.50	0.30
walls		0.50	0.30	0.50	0.30	0.30	0.50	0.30	0.50	0.30	0.30
work pl.		0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20
Room dim											
x	y										
2H	2H	-3.2	-1.0	-2.8	-0.7	-0.4	-3.2	-1.0	-2.8	-0.7	-0.4
	3H	-3.2	-1.5	-2.8	-1.1	-0.8	-3.3	-1.5	-2.9	-1.2	-0.9
	4H	-3.2	-1.7	-2.8	-1.4	-1.0	-3.3	-1.9	-2.9	-1.5	-1.2
	6H	-3.1	-2.0	-2.7	-1.7	-1.3	-3.3	-2.2	-2.9	-1.9	-1.5
	8H	-3.1	-2.0	-2.7	-1.7	-1.3	-3.3	-2.3	-2.9	-1.9	-1.6
	12H	-3.1	-2.1	-2.7	-1.7	-1.3	-3.4	-2.4	-3.0	-2.0	-1.6
4H	2H	-3.3	-1.9	-2.9	-1.5	-1.2	-3.2	-1.7	-2.8	-1.4	-1.0
	3H	-3.1	-2.1	-2.7	-1.8	-1.4	-3.1	-2.1	-2.7	-1.7	-1.3
	4H	-3.1	-2.2	-2.7	-1.8	-1.4	-3.1	-2.2	-2.7	-1.8	-1.4
	6H	-3.3	-1.6	-2.9	-1.2	-0.7	-3.5	-1.7	-3.0	-1.3	-0.8
	8H	-3.4	-1.5	-2.9	-1.0	-0.5	-3.6	-1.6	-3.1	-1.2	-0.7
	12H	-3.4	-1.4	-2.9	-0.9	-0.4	-3.7	-1.7	-3.2	-1.2	-0.6
8H	4H	-3.6	-1.6	-3.1	-1.2	-0.7	-3.4	-1.5	-2.9	-1.0	-0.5
	6H	-3.5	-1.6	-3.0	-1.1	-0.6	-3.4	-1.5	-2.9	-1.0	-0.5
	8H	-3.3	-1.7	-2.8	-1.2	-0.6	-3.3	-1.7	-2.8	-1.2	-0.6
	12H	-3.1	-2.0	-2.6	-1.5	-1.0	-3.1	-2.0	-2.6	-1.5	-1.0
12H	4H	-3.7	-1.7	-3.2	-1.2	-0.6	-3.4	-1.4	-2.9	-0.9	-0.4
	6H	-3.5	-1.8	-2.9	-1.3	-0.7	-3.3	-1.7	-2.8	-1.2	-0.6
	8H	-3.1	-2.0	-2.6	-1.5	-1.0	-3.1	-2.0	-2.6	-1.5	-1.0
Variations with the observer position at spacing:											
S =	1.0H	3.7 / -2.7					3.7 / -2.7				
	1.5H	6.1 / -3.6					6.1 / -3.6				
	2.0H	8.0 / -4.2					8.0 / -4.2				