

## View Opti Beam Lens square

Design iGuzzini /  
Arup

iGuzzini

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### Product configuration: Q354

Q354: square large body spotlight - wide flood



### Product code

Q354: square large body spotlight - wide flood **Attention! Code no longer in production**

### Technical description

Indoor adjustable spotlight with adapter for installation on a three-phase/DALI track. Device made of die-cast aluminium and a front part made of a thermoplastic material. Spotlight double adjustability allows a 360° rotation about the vertical axis and 90° tilting relative to the horizontal plane. Optical assembly consisting of Warm White tone 3000K CRI90 LEDs with OPTIBEAM LENS technology and a wide flood light beam. Dimmable DALI driver built-in to box with a semi-hidden system on track. Option of installing a range of flat accessories including an OPTIBEAM REFRACTOR for varying light distribution, an elliptical distribution refractor, a louver, a soft lens and an outdoor accessory like an asymmetric visor for eliminating stray light dispersion on the ceiling.

### Installation

On a three-phase/DALI electrified track

### Colour

Black (04) | Black / White (47)

### Weight (Kg)

1.79

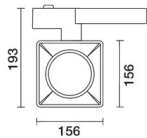
### Mounting

dali track|three circuit track

### Wiring

Product complete with DALI dimmable components, housed in a semi-hidden box on the track.

Complies with EN60598-1 and pertinent regulations



### Technical data

Im system:	2501	CRI (minimum):	90
W system:	29	Colour temperature [K]:	3000
Im source:	3050	MacAdam Step:	2
W source:	24	Life Time LED 1:	> 50,000h - L80 - B10 (Ta 25°C)
Luminous efficiency (Im/W, real value):	86.2	Lamp code:	LED
Im in emergency mode:	-	Number of lamps for optical assembly:	1
Total light flux at or above an angle of 90° [Lm]:	0	ZVEI Code:	LED
Light Output Ratio (L.O.R.) [%]:	82	Number of optical assemblies:	1
Beam angle [°]:	46°	Control:	DALI

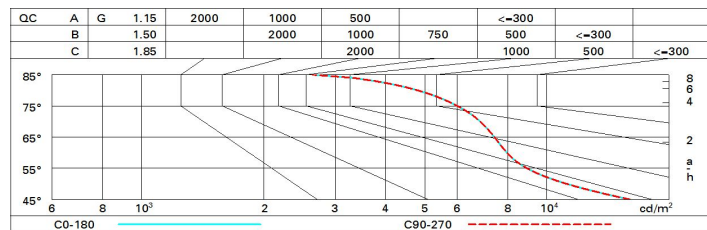
### Polar

 $\alpha = 46^\circ$	<b>CIE</b> nL 0.82 89-97-99-100-82 UGR 18.7-18.5 <b>DIN</b> A.61 <b>UTE</b> 0.82A+0.00T F*1=892 F*1+F*2=968 F*1+F*2+F*3=995			<b>Lux</b>			
	h	d	Em	Emax			
	2	1.7	706	926			
	4	3.4	177	232			
	6	5.1	78	103			
	8	6.8	44	58			

# Utilisation factors

R	77	75	73	71	55	53	33	00	DRR
K0.8	70	65	62	59	64	61	61	58	70
1.0	74	69	66	64	68	66	65	62	76
1.5	79	75	73	70	74	72	71	68	83
2.0	82	79	77	75	78	76	75	72	88
2.5	83	81	80	78	80	79	78	75	92
3.0	85	83	82	81	82	81	80	77	94
4.0	86	85	84	83	83	83	81	79	96
5.0	87	86	85	84	84	84	82	80	98

# Luminance curve limit



# UGR diagram

Corrected UGR values (at 3050 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
		0.50	0.30	0.50	0.30	0.30	0.50	0.30	0.50	0.30	0.30
		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	17.1	17.8	17.4	18.1	18.3	17.1	17.8	17.4	18.1	18.3
	3H	17.7	18.3	18.0	18.6	18.9	17.3	17.9	17.6	18.2	18.4
	4H	17.9	18.5	18.3	18.8	19.1	17.3	17.9	17.6	18.2	18.5
	6H	18.1	18.6	18.4	18.9	19.3	17.3	17.8	17.6	18.1	18.5
	8H	18.1	18.6	18.5	18.9	19.3	17.3	17.8	17.6	18.1	18.4
	12H	18.1	18.6	18.5	18.9	19.3	17.2	17.7	17.6	18.1	18.4
4H	2H	17.3	17.9	17.6	18.2	18.5	17.9	18.5	18.3	18.8	19.1
	3H	18.0	18.5	18.4	18.9	19.2	18.2	18.7	18.6	19.1	19.4
	4H	18.4	18.8	18.8	19.2	19.6	18.4	18.8	18.8	19.2	19.6
	6H	18.6	19.0	19.0	19.4	19.8	18.4	18.8	18.9	19.2	19.6
	8H	18.7	19.0	19.1	19.4	19.9	18.5	18.8	18.9	19.2	19.7
	12H	18.7	19.0	19.1	19.4	19.9	18.4	18.7	18.9	19.2	19.6
8H	4H	18.5	18.8	18.9	19.2	19.7	18.7	19.0	19.1	19.4	19.9
	6H	18.8	19.1	19.2	19.5	20.0	18.8	19.1	19.3	19.5	20.0
	8H	18.8	19.1	19.3	19.6	20.1	18.8	19.1	19.3	19.6	20.1
	12H	18.9	19.1	19.4	19.6	20.1	18.9	19.1	19.4	19.6	20.1
12H	4H	18.4	18.7	18.9	19.2	19.6	18.7	19.0	19.1	19.4	19.9
	6H	18.8	19.0	19.2	19.5	20.0	18.8	19.1	19.3	19.5	20.0
	8H	18.9	19.1	19.4	19.6	20.1	18.9	19.1	19.4	19.6	20.1
Variations with the observer position at spacing:											
S =	1.0H	1.7 / -1.2					1.7 / -1.2				
	1.5H	3.5 / -1.6					3.5 / -1.6				
	2.0H	5.1 / -1.9					5.1 / -1.9				