

NAKA SQUARE SERIES

RECESSED LIGHTING



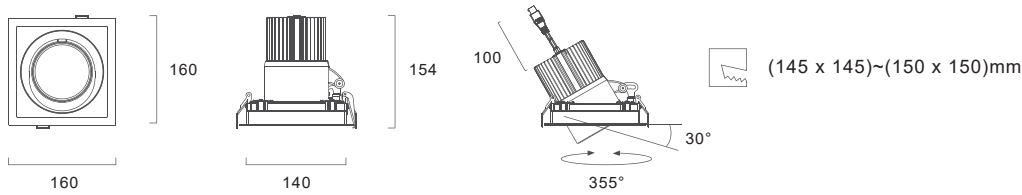
Key Feature

- Square recessed spotlight
- Efficacy up to 104 lm/W.
- Available in 15, 25 or 45 degree beam angle.
- 355° rotatable and 30° tiltable
- High quality light output, Ra (R9) typ.: 97(90)
- Plug and play system for quick installation
- Lifetime: 50,000hrs (L80, B20, Ta=25 C, 12hours/Day).

Key Specification

- Input current: 800mA.
- Luminaire input power: 28W.
- Luminous Flux: 2900lm @840.
- Luminaire efficacy: 104lm/W @840.
- Ra (R9) typ.: 83(00)
- Chromaticity tolerance (initial MacAdam): 3 SDCM.
- CCT: 3000K, 3500K, 4000K, CRISP WHITE(3000K)
- Beam angle: 15/25/45/60/15x60/30x80/15x35/25x25/35/40x40/25x35°
- Ta: -20~35°C.
- N.W. : 400 g.
- Housing: Machining aluminum oxidized.
- Lens: Injection plastic.

Dimensions: (mm)

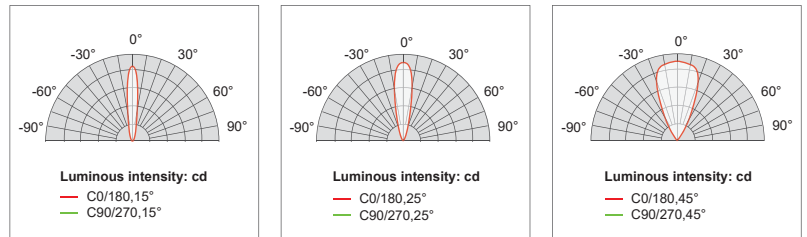


Specifications

Order no.	Model	Power ^[1] (W)	Ra (R9) ^[3] typ	CCT ^[2] (K)	Beam ^[4] angle	Luminous ^[5] flux(lm)	Luminaire ^[6] efficacy(lm/w)	EEC ^[7]	UGR	QTY/CTN (pcs)	G.W./CTN (kg)	SIZE/CTN (mm)
1080-201156-0130			83(00)	3000		2700	96	A+		4	6.6	475x385x200
1080-201118-0136			83(00)	3500		2800	100	A+		4	6.6	475x385x200
1080-201010-0130			83(00)	4000	15°	2900	104	A+	<17	4	6.6	475x385x200
1080-201157-0130			93(50)	CRISP WHITE		2100	75	A		4	6.6	475x385x200
1030-201138-0131			97(90)	3000		2500	89	A		4	6.6	475x385x200
1030-201038-0130			97(90)	4000		2500	89	A		4	6.6	475x385x200
1080-201156-0131			83(00)	3000		2700	96	A+		4	6.6	475x385x200
1080-201138-0130			83(00)	3500		2800	100	A+		4	6.6	475x385x200
1080-201010-0131	NAKASQUARE-S1-800	28	83(00)	4000	25°	2900	104	A+	<17	4	6.6	475x385x200
1080-201157-0131	(WHITE)	(36V)	93(50)	CRISP WHITE		2100	75	A		4	6.6	475x385x200
1030-201138-0132			97(90)	3000		2500	89	A		4	6.6	475x385x200
1030-201038-0131			97(90)	4000		2500	89	A		4	6.6	475x385x200
1080-201156-0132			83(00)	3000		2700	96	A+		4	6.6	475x385x200
1080-201110-0132			83(00)	3500		2800	100	A+		4	6.6	475x385x200
1080-201010-0132			83(00)	4000	45°	2900	104	A+	<18	4	6.6	475x385x200
1080-201157-0132			93(50)	CRISP WHITE		2100	75	A		4	6.6	475x385x200
1030-201138-0133			97(90)	3000		2500	89	A		4	6.6	475x385x200
1030-201038-0132			97(90)	4000		2500	89	A		4	6.6	475x385x200
1080-201156-0133			83(00)	3000		2700	96	A+		4	6.6	475x385x200
1080-201110-0133			83(00)	3500		2800	100	A+		4	6.6	475x385x200
1080-201010-0133			83(00)	4000	15°	2900	104	A+	<17	4	6.6	475x385x200
1080-201157-0133			93(50)	CRISP WHITE		2100	75	A		4	6.6	475x385x200
1030-201138-0134			97(90)	3000		2500	89	A		4	6.6	475x385x200
1030-201038-0133			97(90)	4000		2500	89	A		4	6.6	475x385x200
1080-201156-0134			83(00)	3000		2700	96	A+		4	6.6	475x385x200
1080-201110-0134			83(00)	3500		2800	100	A+		4	6.6	475x385x200
1080-201010-0134	NAKASQUARE-S1-800	28	83(00)	4000	25°	2900	104	A+	<17	4	6.6	475x385x200
1080-201157-0134	(BLACK)	(36V)	93(50)	CRISP WHITE		2100	75	A		4	6.6	475x385x200
1030-201138-0135			97(90)	3000		2500	89	A		4	6.6	475x385x200
1030-201038-0134			97(90)	4000		2500	89	A		4	6.6	475x385x200
1080-201156-0135			83(00)	3000		2700	96	A+		4	6.6	475x385x200
1080-201110-0135			83(00)	3500		2800	100	A+		4	6.6	475x385x200
1080-201010-0135			83(00)	4000	45°	2900	104	A+	<18	4	6.6	475x385x200
1080-201157-0135			93(50)	CRISP WHITE		2100	75	A		4	6.6	475x385x200
1030-201138-0136			97(90)	3000		2500	89	A		4	6.6	475x385x200
1030-201038-0135			97(90)	4000		2500	89	A		4	6.6	475x385x200

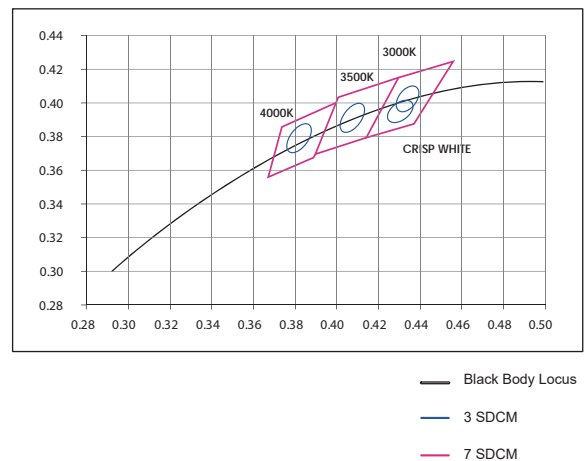
- [1]: Measurement precision for input voltage/current /power +/- 10%, W = kWh/1000h.
- [2]: Comply with ANSI C78.377
- [3]: Minimum Ra(TYP.) is rated value - 2.
- [4]: Beam angle ≤20°, measurement precision +/- 20%; beam angle >20°, measurement precision +/- 15 %.
- [5]: Minimum Luminous flux is 90% of rated value.
- [6]: Minimum Luminaire efficacy is 90% of rated value.
- [7]: Energy efficiency class.

Photometrics(reference)



Color Bin Definition

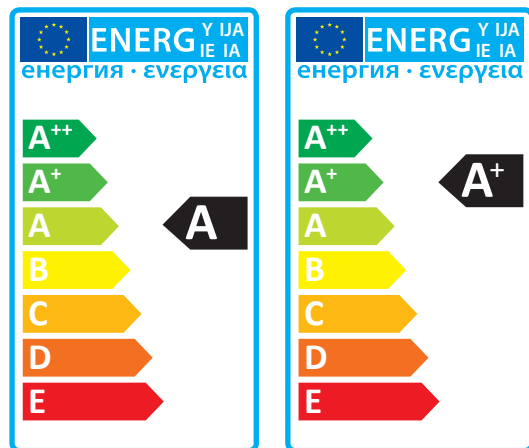
Chromaticity tolerance (initial MacAdam): 3 SDCM (3000K, 3500K, 4000K, CRISP WHITE)
 Color coordinates (CIEx, CIEy): 3000K(0.4338, 0.4030), 3500K(0.4073, 0.3917), 4000K(0.3818, 0.3797), CRISP WHITE(0.430, 0.395)
 Measurement precision for x, y +/- 0.005



Standards

- EN 60598-1
- EN 60598-2-1
- EN 62471
- EN61547
- EN55015
- EN61000-3-2
- EN61000-3-3
- CNS14335
- CNS14115
- CNS15663
- AS/NZS 60598.2.1
- AS/NZS 60598.1
- KC60598-1
- KC60598-2-1

Energy label



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* Due to continuous improvements and innovations,specifications may change without notice.