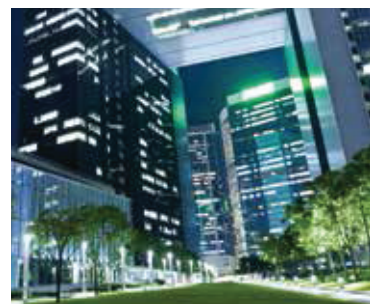


NIKKON®

INDUSTRIAL . COMMERCIAL . OUTDOOR
L I G H T I N G





A flagship brand from Success Electronics & Transformer Manufacturer (Success) lighting division specializing in design, integrate and manufacture professional industrial and commercial lighting for both indoor and outdoor applications.

LIGHTING

Success is established since 1980 and we have been the foremost provider of lighting technologies in Malaysia, enabling new and more efficient uses of light in industrial areas that can transform our world both visually and practically.

Building on this expertise, NIKKON lighting has pioneered many innovations in industrial lighting and ballast/lamp systems that designed to save both energy and maintenance cost over the life of operation.

PRODUCTS

NIKKON family of products delivers complete lighting solutions—from components, to lamps, luminaries, and integrated systems—bringing you the utmost in quality.

We strive towards the ideal of meeting the needs for now and future. Our luminaries are ready to withstand extreme weather and dusty environment from general indoor lighting applications to outdoor industrial lighting applications, where variety of lighting requirements exist.

COMPANY

Success has been ISO 9001 certified since 1998. It is this philosophy that pushes us to continuously improve our products; to upgrade and innovate.

Our ability to meet the customer's requirements is constantly being evaluated and improved to deliver more efficiency, effectiveness and flexibility to assure their benefit.

Considerable investments have been made to upgrade equipment, quality certification and laboratory testing facilities, in particular for our low voltage transformer and lighting sectors.

FACILITIES

Success is pleased to be the first in Malaysia to own the precision Spectroradiometer - a devices designed to measure the spectral power distribution of a light source.

From the spectral power distribution, the radiometric, photometric, and colorimetric, quantities of light can be determined in order to measure, characterize, and calibrate light sources for various lighting applications.

Our testing facilities including tester for vibration durability, UV radiation exposure, heat fatigue, temperature/humidity cyclic, LED luminaire lumen depreciation, dust ingress protection, salt fog corrosion and water ingress protection to ensure the reliability and consistency of our luminaire and maximize your expected yield through services provided by our Lighting Engineer and Designer.

SERVICES

Our Complete Solutions Workflow begin from conception all the way to final installation on site. We have amassed the necessary software, hardware & expertise.

We can manufacture, as an OEM (Original Equipment Manufacturer), complete systems strictly in accordance with customer specifications, under the customer's brand.

We can generate original designs through specialized 3D systems such as DIALUX to visualize your ideas & manufacture from the ground up applying our ODM (Original Design Manufacturer) capabilities to match - as close to perfection as possible - your compliance, performance & output, sustainability & consumption specifications.

ORIGIN

With the support from our parent company, Success Transformer Corporation Berhad (STC), the first transformer and lighting manufacturing public listed company in Malaysia, NIKKON Industrial products are proudly manufactured in Malaysia to contribute our "Made in Malaysia" approach in top quality manufacturing.

INDUSTRIAL LIGHTING

STREET LIGHTING SERIES 01

S419	02
S159	03
S438-N	04

FLOODLIGHT SERIES 05

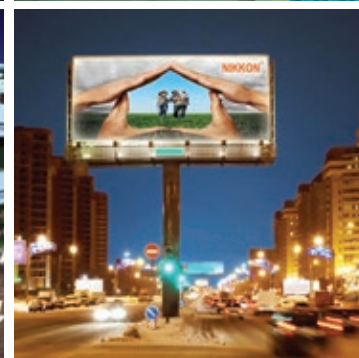
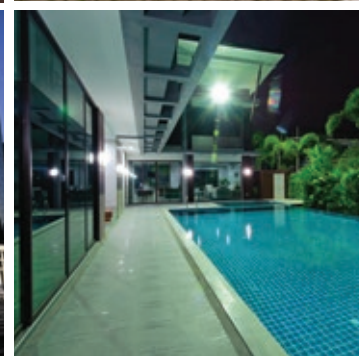
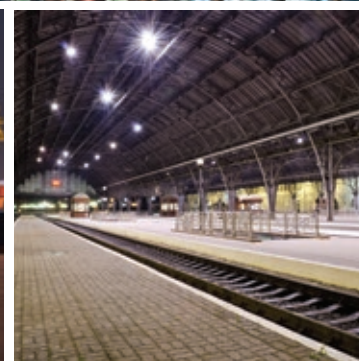
S1501	06
S2000	07
S2030	08
S3000	09

HIGHBAY & LOWBAY SERIES 10

AL SERIES Highbay	11
DS SERIES Highbay	13
NL SERIES Lowbay	14
NIKKON SE	15

LIGHTING ACCESSORIES SERIES 16

HID LAMP BALLAST	17
IGNITOR (NYLON CASING)	18
SUPERIMPOSED IGNITOR (ALUMINIUM CASING)	19
IP43 REMOTE CONTROL GEAR	20
IP65 REMOTE CONTROL GEAR	21
INDOOR REMOTE CONTROL GEAR	22

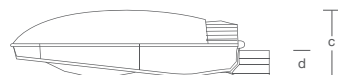
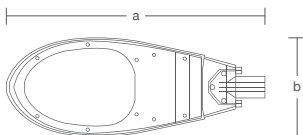


STREET LIGHTING

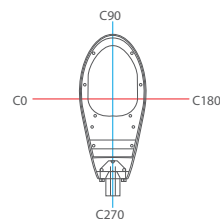
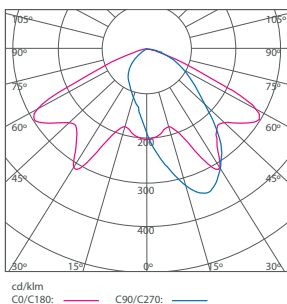




dimension



photometric curve



note : photometric result tested based on
48000lm HPS 400W clear tube

matching table

housing model	lamp type					lamp holder				casing dimension (mm)				weight (kg)	carton dimension (L x W x H) mm	order code
	high pressure sodium									a	b	c	d			
	70W	100W	150W	250W	400W											
S419-70	√					E27				500	200	136	50	5.0	455 x 230 x 140	S419-70-S0070
S419-150	√	√	√			E27 & E40				639	269	170	50	7.5	580 x 290 x 195	S419-150-S0150
S419-250			√	√		E40				764	302	189	65	10.5	690 x 330 x 210	S419-250-S0250
S419-400				√	√	E40				880	354	260	65	15.5	820 x 375 x 230	S419-400-S0400

* metal halide & mercury vapor street lantern are available upon request.

note : Due to rapid change and continuous improvement in technology, all specifications are subject to change without prior notice to improve reliability, function or design in order to supply the best product possible.

features

electrical system

- built-in control gear suitable for HID lamps from 70W - 400W

housing

- high pressure die-cast aluminium with AKzo Nobel Interpon outdoor epoxy powder coating

glass bowl

- thermal resistant tempered glass bowl

reflector

- deep draw high purity anodized aluminium reflector

spigot

- standard spigot: 7°
suitable for side entry mounting & post-top mounting (upon request)
- customized spigot: 0° (Upon Request)
only suitable for side entry mounting

compliance and approvals

- sirim general requirement & test IEC60598-1:2003
- sirim particular requirement (street lantern) IEC60598-2-3
- TUV photometry CIE 121:1996
CIE 70 :1987
- CE marking
- TUV type test EN55015:2006 + A1 2007
EN61547:1995 + A1:2000
EN61000-3-2:2006 (class c)
EN61000-3-3:1995
+ A1, :2001 + A2, :2005
IEC60598-2-3:2002
EN60598-2-3:2003

technical data

ingress protection • IP66 (lamp compartment) & IP66 (gear compartment)
insulation class • class I (note : class II is available upon request)
voltage • 220 - 240 Vac 50 / 60Hz
lamp wattage • 70W - 400W
holder type • E27 & E40
maximum weight • 15.5kg
designed standards • IEC 60598-2-3
spigot size • ø50 mm - S419-70 & S419-150
• ø65 mm - S419-250 & S419-400

IP66
lamp compartment

IP66
gear compartment

key for standard order coding

S419 - 150 - S 0150

capacity code : example = 150W
lamp type : S = high pressure sodium
housing model

S159



features

electrical system

- built-in control gear suitable for HID lamps from 70W - 150W

housing

- high pressure die-cast aluminium with AKzo Nobel Interpon outdoor epoxy powder coating

glass bowl

- thermal resistant glass bowl

reflector

- anodized aluminium reflector

spigot

- suitable for side entry mounting

technical data

ingress protection • IP66 (lamp compartment) & IP54 (gear compartment)

insulation class • class I

voltage • 220 - 240 Vac 50 / 60Hz

lamp wattage • 70W - 150W

holder type • E27 & E40

maximum weight • 5.5 kg

spigot size • Ø50 mm

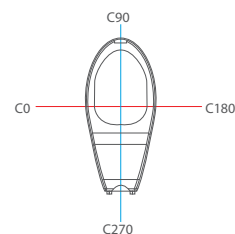
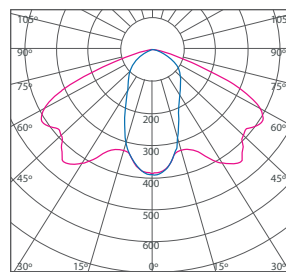
IP66
lamp compartment



IP54
gear compartment

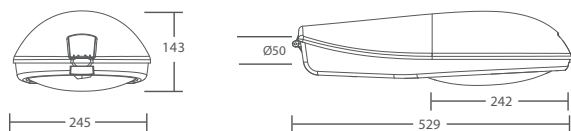


photometric curve



cd/klm
C0/C180: — C90/C270: —
note: photometric result tested based on 14500lm HPS 150W clear tube

dimension



key for standard order coding

S159 - M 0070

capacity code : example = 70W

lamp type : M = metal halide
S = high pressure sodium
H = mercury vapor

casing model

order code

casing model	lamp type	lamp holder	carton dimension (L x W x H) mm	order code
S159 MH 70W	tubular / bulb	E27	540 x 255 x 155	S159-M0070
S159 MH 150W	tubular / bulb	E27	540 x 255 x 155	S159-M0150
S159 HPS 70W	tubular / bulb	E27	540 x 255 x 155	S159-S0070
S159 HPS 150W	tubular	E40	540 x 255 x 155	S159-S0150
S159 HPMV 125W	bulb	E27	540 x 255 x 155	S159-H0125

note : Due to rapid change and continuous improvement in technology, all specifications are subject to change without prior notice to improve reliability, function or design in order to supply the best product possible.

S438-N



features

electrical system

- built-in control gear suitable for HID lamps from 150W - 250W

body frame

- high pressure die-cast aluminium with AKzo Nobel Interpon outdoor epoxy powder coating

glass bowl

- thermal resistant tempered glass bowl

reflector

- deep draw high purity anodized aluminium reflector

spigot

- suitable for side entry mounting

compliance and approvals

- sirim general requirement & test IEC60598-1
- sirim particular requirement (street lantern) IEC60598-2-3

technical data

ingress protection • IP66 (lamp compartment) & IP54 (gear compartment)

insulation class • class 1

voltage • 220 - 240 Vac 50 / 60Hz

lamp wattage • 150W - 250W

holder type • E27 & E40

maximum weight • 8.8 kg

designed standards • IEC 60598-2-3

spigot size • $\varnothing 42$ mm - $\varnothing 48$ mm

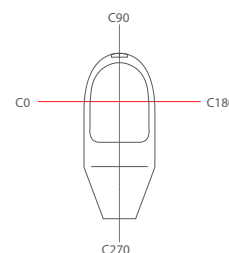
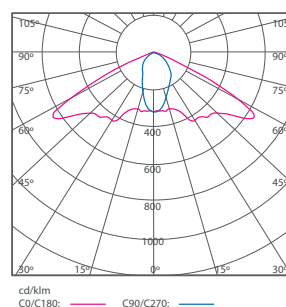
IP66
lamp compartment



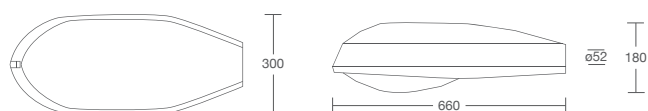
IP54
gear compartment



photometric curve



dimension



key for standard order coding

S438-N M 0150

- capacity code : example = 150W
- lamp type : M = metal halide
S = high pressure sodium
- housing model

matching table

housing model	lamp type	lamp holder	carton dimension (L x W x H) mm	order code
S438-N HPS 150W	tubular	E40	675 x 315 x 190	S438-N-S0150
S438-N HPS 250W	tubular	E40	675 x 315 x 190	S438-N-S0250
S438-N MH 250W	tubular	E40	675 x 315 x 190	S438-N-M0250

note : Due to rapid change and continuous improvement in technology, all specifications are subject to change without prior notice to improve reliability, function or design in order to supply the best product possible.

FLOODLIGHT



S1501

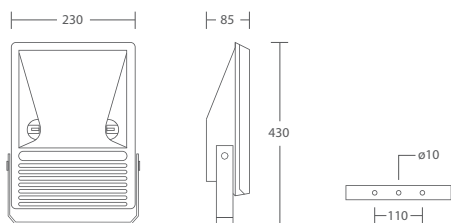
220 - 240V 50 / 60Hz Rx7s



IP65



dimension



key for standard order coding

S1501	-	S	0150	capacity code	: example = 150W
				lamp type	: S = high pressure sodium : M = metal halide
				casing model	

order code

model	lamp type	lamp holder	carton dimension (L x W x H) mm	order code
S1501 MH 70W	double ended	RX7s	441 x 265 x 100	S1501-M0070
S1501 MH 150W	double ended	RX7s	441 x 265 x 100	S1501-M0150
S1501 HPS 70W	double ended	RX7s	441 x 265 x 100	S1501-S0070
S1501 HPS 150W	double ended	RX7s	441 x 265 x 100	S1501-S0150

* casing available in black and white colour.

note : Due to rapid change and continuous improvement in technology, all specifications are subject to change without prior notice to improve reliability, function or design in order to supply the best product possible.

features

electrical system

- built-in control gear suitable for HID lamps from 70W - 150W

housing

- high pressure aluminium die-cast housing with AKzo Nobel Interpon outdoor epoxy powder coating

reflector

- high purity anodized hammered finish aluminium reflector

glass

- thermal resistant tempered glass

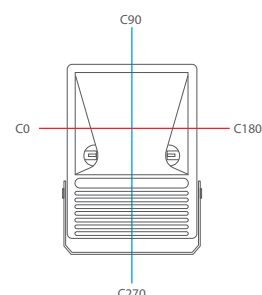
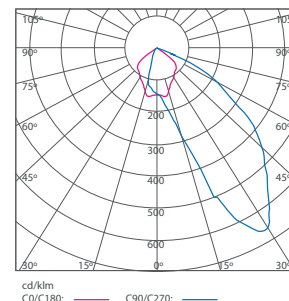
mounting bracket

- steel mounting bracket coated with epoxy powder

technical data

ingress protection • IP65
voltage • 220 - 240 Vac 50 / 60Hz
lamp wattage • 70W - 150W
holder type • RX7s
maximum weight • 5 kg
colour of housing • white & black

photometric curve



note : photometric result tested based on 11000lm MH 150W double ended tube

S2000

220 - 240V 50 / 60Hz E40



features

electrical system

- built-in control gear suitable for HID lamps from 250W - 400W

housing

- high pressure aluminium die-cast housing with AKzo Nobel Interpon outdoor epoxy powder coating

reflector

- high purity anodized hammered finish aluminium reflector

glass

- thermal resistant tempered glass

mounting bracket

- steel mounting bracket coated with epoxy powder

technical data

ingress protection • IP65

voltage • 220 - 240 Vac 50 / 60Hz

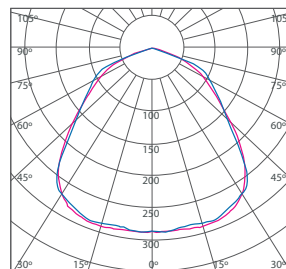
lamp wattage • 250W - 400W

holder type • E40

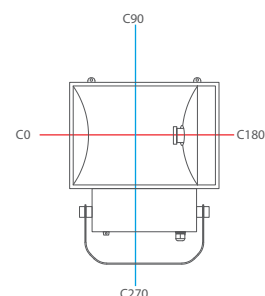
maximum weight • 9 kg

colour of housing • black

photometric curve

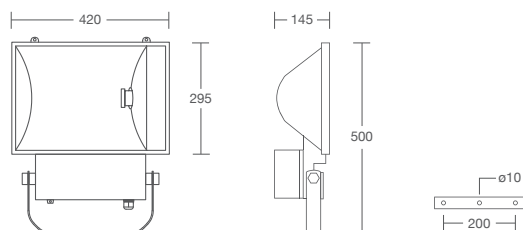


cd/klm
C0/C180: — C90/C270: —



note : photometric result tested based on 32000lm MH 400W clear tube

dimension



key for standard order coding

S2000 SY - M 0400

capacity code

: example = 400W

lamp type

: S = high pressure sodium

: M = metal halide

reflector model

: SY = symmetrical

: ASY = asymmetrical

casing model

order code

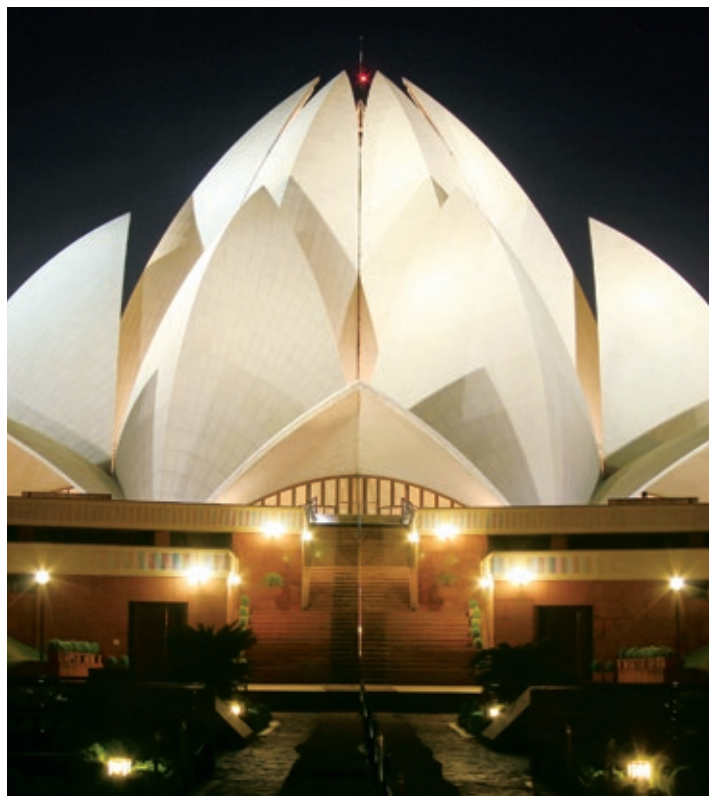
model	lamp type	lamp holder	carton dimension (L x W x H) mm	order code
S2000 SY MH 250W (2.1A)	tubular	E40	475 x 430 x 165	S2000-M0250
S2000 SY MH 400W	tubular	E40	475 x 430 x 165	S2000-M0400
S2000 SY HPS 250W	tubular	E40	475 x 430 x 165	S2000-S0250
S2000 SY HPS 400W	tubular	E40	475 x 430 x 165	S2000-S0400

* S2000 asymmetrical type floodlight is available upon request.

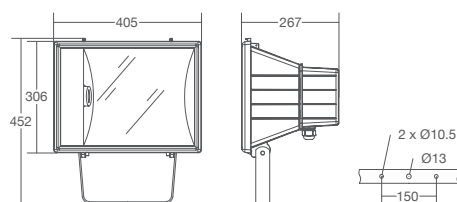
note : Due to rapid change and continuous improvement in technology, all specifications are subject to change without prior notice to improve reliability, function or design in order to supply the best product possible.

S2030

220 - 240V 50 / 60Hz E40



dimension



key for standard order coding

S2030 - S 0250

capacity code : example = 250W

lamp type : S = high pressure sodium
: M = metal halide
: H = mercury vapor

casing model

order code

model	lamp type	lamp holder	carton dimension (L x W x H) mm	order code
S2030 MH 250W (2.1A)	tubular	E40	410 x 340 x 300	S2030 - M0250
S2030 MH 400W	tubular	E40	410 x 340 x 300	S2030 - M0400
S2030 HPS 250W	tubular	E40	410 x 340 x 300	S2030 - S0250
S2030 HPS 400W	tubular	E40	410 x 340 x 300	S2030 - S0400
S2030 HPMV 250W	bulb	E40	410 x 340 x 300	S2030 - H0250
S2030 HPMV 400W	bulb	E40	410 x 340 x 300	S2030 - H0400

note : Due to rapid change and continuous improvement in technology, all specifications are subject to change without prior notice to improve reliability, function or design in order to supply the best product possible.

features

housing

- high pressure aluminium die-cast housing with AKzo Nobel Interpon outdoor epoxy powder coating

reflector

- high purity anodized hammered aluminium reflector

glass

- thermal resistant tempered glass

mounting bracket

- steel mounting bracket coated with epoxy powder

colour of housing

- black

technical data

ingress protection • IP65

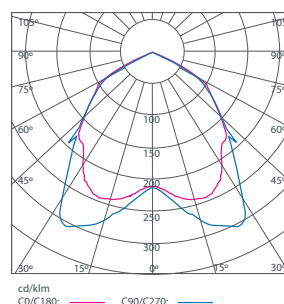
voltage • 220 - 240 Vac 50 / 60Hz

lamp wattage • 250W - 400W

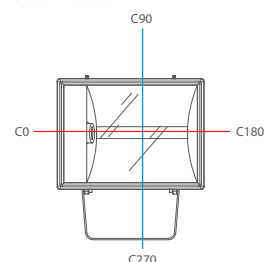
lamp holder • E40

maximum weight • 10.0 kg

photometric curve



S2030 - Wide beam



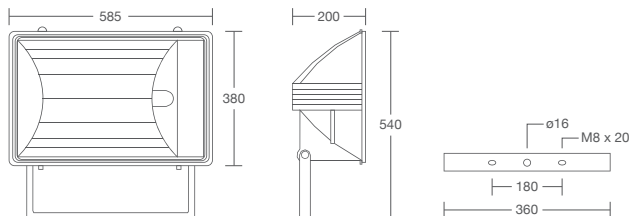
note : photometric result tested based on 32000lm MH 400W clear tube

S3000

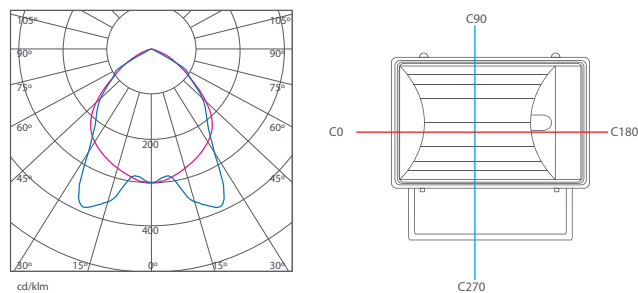
220 - 240V 50 / 60Hz E40



dimension



photometric curve



order code

model	lamp type	lamp holder	carton dimension (L x W x H) mm	order code
S3000 MH 1000W	tubular	E40	600 x 510 x 230	S3000-M1000
S3000 HPS 1000W	tubular	E40	600 x 510 x 230	S3000-S1000
accessories	housing material		IP rated	order code
remote control gear (MH 1000W)	steel c/w epoxy powder		IP43	S5100 UC-M1000
remote control gear (HPS 1000W)	steel c/w epoxy powder		IP43	S5100 UC-S1000
remote control gear (MH 1000W)	die-cast aluminium		IP65	S5100 UA-M1000
remote control gear (HPS 1000W)	die-cast aluminium		IP65	S5100 UA-S1000

note : Due to rapid change and continuous improvement in technology, all specifications are subject to change without prior notice to improve reliability, function or design in order to supply the best product possible.

features

housing

- high pressure aluminium die-cast housing with AKzo Nobel Interpon outdoor epoxy powder coating

reflector

- high purity anodized hammered finish aluminium reflector

glass

- thermal resistant tempered glass

mounting bracket

- steel mounting bracket coated with epoxy powder

lamp holder

- E40 lamp holder conforming to EN / VDE standard

technical data

ingress protection • IP65 (lamp fitting)

voltage • 220 - 240 Vac 50 / 60Hz

lamp wattage • MH 1000W & HPS 1000W

holder type • E40

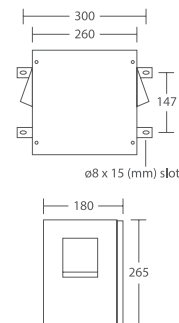
floodlight maximum weight • 11.6 kg

control gear maximum weight • S5100-M1000 : 14 kg / S5100-S1000 : 15.5 kg

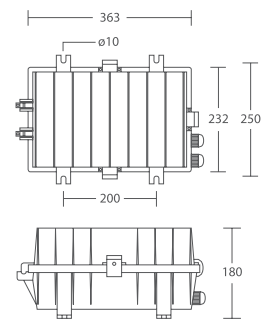
colour of housing • black

accessories

S5100-UC



S5100-UA



key for standard order coding

S3000	S	1000	capacity code	: example = 1000W
			lamp type	: S = high pressure sodium : M = metal halide
			casing model	

HIGHBAY & LOWBAY



AL series highbay



features

control gear housing

- high quality cold rolled steel with epoxy powder coating

power factor correction capacitor

- 100°C aluminium casing self healing capacitor with overpressure break action mechanism

reflector

- high purity anodized polished aluminium reflector

tempered glass / safety guard

- optional glass visor and wire guard can be mounted onto the reflector for safety purposes

others

- lamp holder and thermal resistant fibre glass wire

technical data

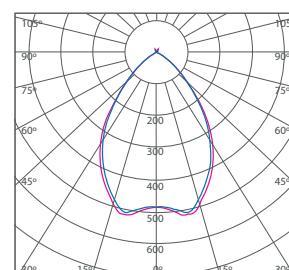
voltage • 220 - 240 Vac 50 / 60Hz

lamp wattage • 70W - 400W

holder type • E27 & E40

colour of housing • light grey

photometric curve



cd/klm

C0/C180: — C90/C270: —

note : photometric result tested based on 32000lm MH
400W coated bulb complete with 18" AL reflector

key for standard order coding

AL 25400 - M 0250 - 8718+VGAL 8718

Reflector & visor type:

12 = 12" PC reflector without diffuser
22d = 22" PC reflector with diffuser

capacity code : example = 250W

lamp type : M = metal halide
S = high pressure sodium
H = mercury vapor

casing model



dimension & attachment

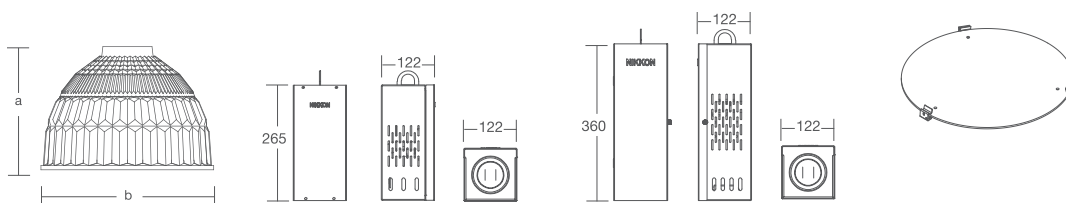
reflector			visor				
model	dimension (mm)		weight	model	dimension	weight	thickness
	a	b	(kg)		(mm)	(kg)	(mm)
N412G	315	ø390	0.4	N412G glass visor	ø380	0.45	5
N712G	405	ø465	0.7	N712G glass visor	ø465	2.20	5
6407	245	ø400	0.4	-	-	-	-
RAL8718	335	ø470	0.6	RAL8718 glass visor	ø465	2.20	5
RAL15MFWR	286	ø401	0.5	RAL15MFWR glass visor	ø401	1.70	5
RAL18MFWR	335	ø476	0.8	RAL18MFWR glass visor	ø476	2.40	5
							carton dimension
							(L x W x H) mm

aluminium reflector

AL70150

AL25400

Glass Visor



matching table

casing model	reflector type	metal halide				high pressure sodium				mercury vapor				visor	guard
		70W	150W	250W	400W	70W	150W	250W	400W	80W	125W	250W	400W		
N712G AL70150 / AL25400	N412G	✓	✓	✓		✓	✓	✓		✓	✓	✓		✓	✓
				✓	✓			✓	✓			✓	✓	✓	✓
	6407	✓	✓	✓		✓	✓	✓		✓	✓	✓		x	✓
	RAL8718			✓	✓			✓	✓			✓	✓	✓	✓
	RAL15MFWR	✓	✓	✓		✓	✓	✓		✓	✓	✓		✓	✓
	RAL18MFWR			✓	✓			✓	✓			✓	✓	✓	✓

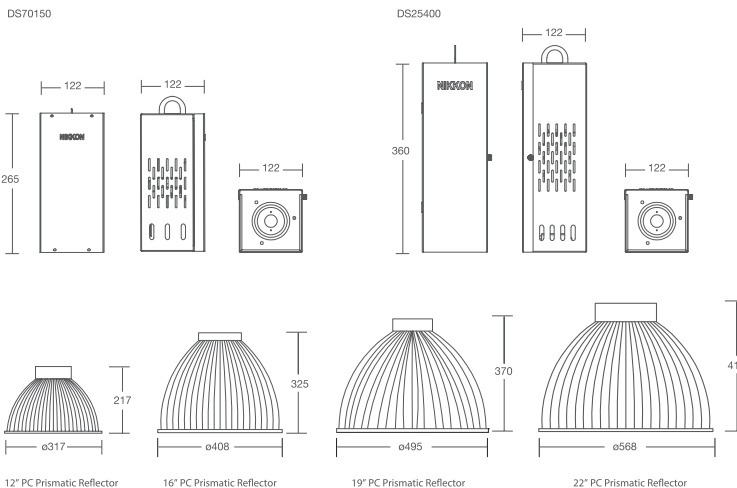
x : not matching ✓ : matching

note : Due to rapid change and continuous improvement in technology, all specifications are subject to change without prior notice to improve reliability, function or design in order to supply the best product possible.

DS series highbay



dimension



reflector & diffuser matching table

casing model	reflector type	lamp type												diffuser	order code
		metal halide				high pressure sodium				mercury vapor					
		70W	150W	250W	400W	70W	150W	250W	400W	80W	125W	250W	400W		
DS70150	12" PC	√	√			√				√	√				DS70150
DS25400	16" PC			√			√	√				√		X	DS25400
	19" PC			√			√	√				√		√	
	22" PC			√				√				√		√	
	22" PC				√				√				√	X	

* others matching are available upon request • PC : polycarbonate

X : not matching √ : matching

note : Due to rapid change and continuous improvement in technology, all specifications are subject to change without prior notice to improve reliability, function or design in order to supply the best product possible.

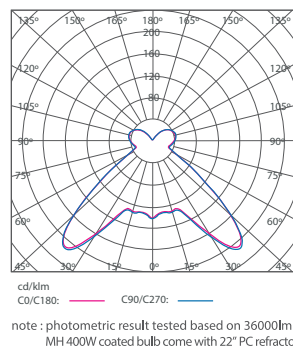
features

- control gear housing**
 - high quality cold rolled steel with epoxy powder coating
- power factor correction capacitor**
 - 100°C aluminium case self healing capacitor with overpressure break action mechanism
- reflector**
 - polycarbonate reflector for uniform light distribution
- polycarbonate diffuser**
 - optional diffuser can be mounted onto the reflector to give better luminance control
- others**
 - lamp holder and thermal resistant fibre glass wire

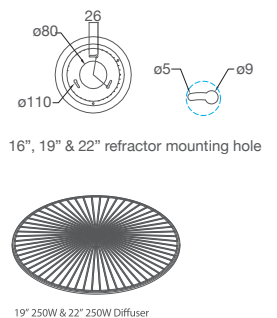
technical data

voltage • 220 - 240 Vac 50 / 60Hz
 lamp wattage • 70W - 400W
 holder type • E27 & E40
 colour of housing • light grey

photometric curve



accessories



key for standard order coding

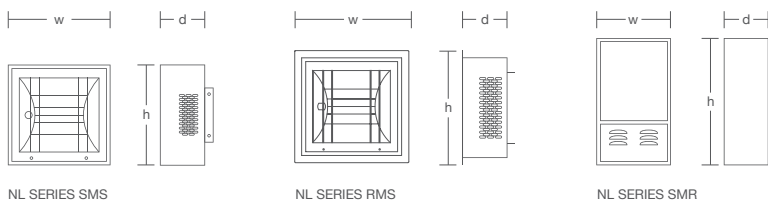
DS25400 - M 0250 - 22d	Reflector & visor type
12 = 12" PC reflector without diffuser	
22d = 22" PC reflector with diffuser	
capacity code	: example = 250W
lamp type	: M = metal halide S = high pressure sodium H = mercury vapor
casing model	

NL series lowbay



dimension

model	width	depth	height	opening hole
NL 150-RMS	400 mm	150 mm	400 mm	345 x 345 mm
NL 400-RMS	500 mm	230 mm	500 mm	420 x 420 mm
NL 150-SMS	345 mm	150 mm	345 mm	-
NL 400-SMS	420 mm	230 mm	420 mm	-
NL 150-SMR	250 mm	150 mm	430 mm	-
NL 400-SMR	320 mm	195 mm	600 mm	-



matching table

model	lamp type								carton dimension			
	metal halide				high pressure sodium				mercury vapor			
	70W	150W	250W	400W	70W	150W	250W	400W	80W	125W	250W	400W
NL 150-RMS	√	√			√	√			√	√		
NL 400-RMS			√	√			√	√			√	√
NL 150-SMS	√	√			√	√			√	√		
NL 400-SMS			√	√			√	√			√	√
NL 150-SMR	√	√			√	√			√	√		
NL 400-SMR			√	√			√	√			√	√

RMS : recessed mount square • SMS : surface mount square • SMR : surface mount rectangular

x : not matching √ : matching

note : Due to rapid change and continuous improvement in technology, all specifications are subject to change without prior notice to improve reliability, function or design in order to supply the best product possible.

features

electrical system

- built-in control gear suitable for HID lamp from 70W - 400W with well ventilated control gear compartment

reflector

- high purity aluminium reflector with hammered/clear polished surface

glass

- thermal resistant tempered glass

others

- lamp holder and thermal resistant fibre glass wire

technical data

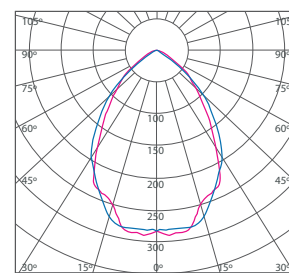
voltage • 220 - 240 Vac 50 / 60Hz

lamp wattage • 70W - 400W

holder type • E27 / E40

colour of housing • white

photometric curve



cd/klm
C0/C180: — C90/C270: —
note : photometric result tested based on 19000lm MH 250W coated bulb

key for standard order coding

NL400 RMS - M 0250

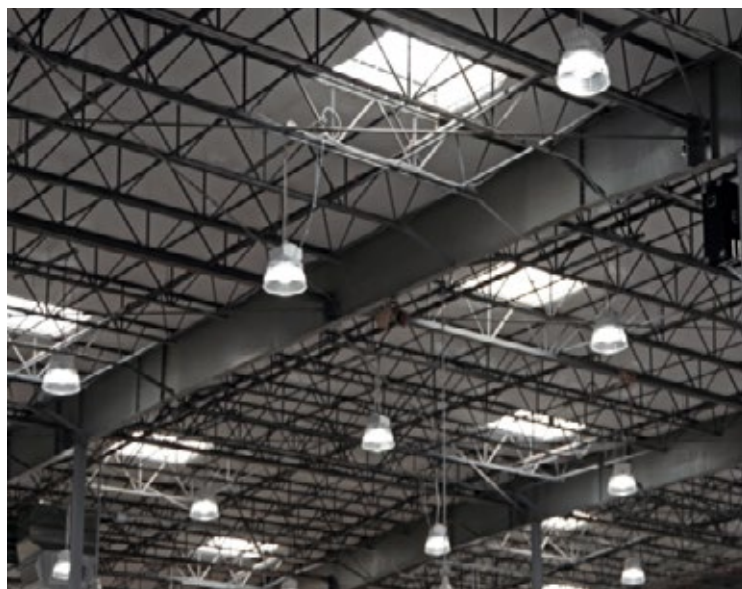
capacity code : example = 250W
lamp type : M = metal halide
S = high pressure sodium
H = mercury vapor
model

NIKKON SE highbay

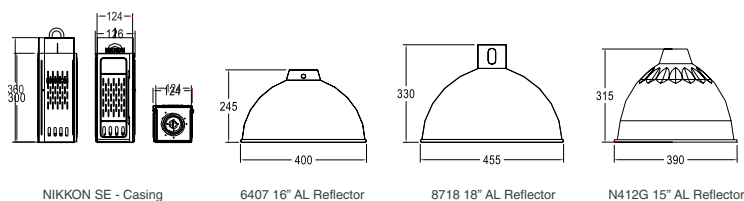
N412G 15"
Reflector



8718 18"
Reflector



dimension



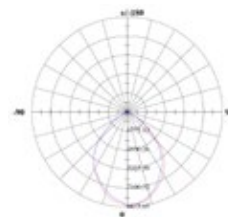
features

- control gear housing**
 - high quality cold rolled steel complete with epoxy powder coating
- reflector**
 - High purity anodized polished aluminium reflector
- tempered glass**
 - optional visor can be mounted onto the reflector to provide safety purpose when used in public areas
- others**
 - ceramic lamp holder and thermal resistant fiber glass wire

technical data

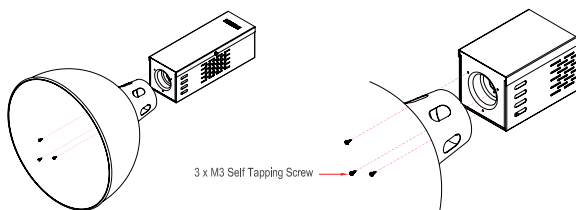
voltage • 220 ~ 240 Vac 50Hz
lamp wattage • 250W ~ 400W
holder type • E40 ceramic lamp holder
colour of housing • light grey

photometric curve



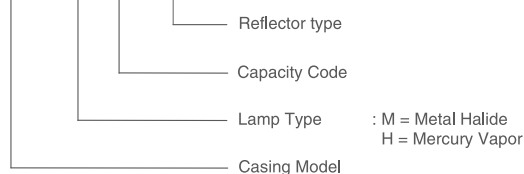
note: photometric result tested based on 24000lm HPMV 400W coated bulb c/w 8718 18" aluminium reflector

installation diagram



key for standard order coding

NIKKON SE - M - 0250 - 8718

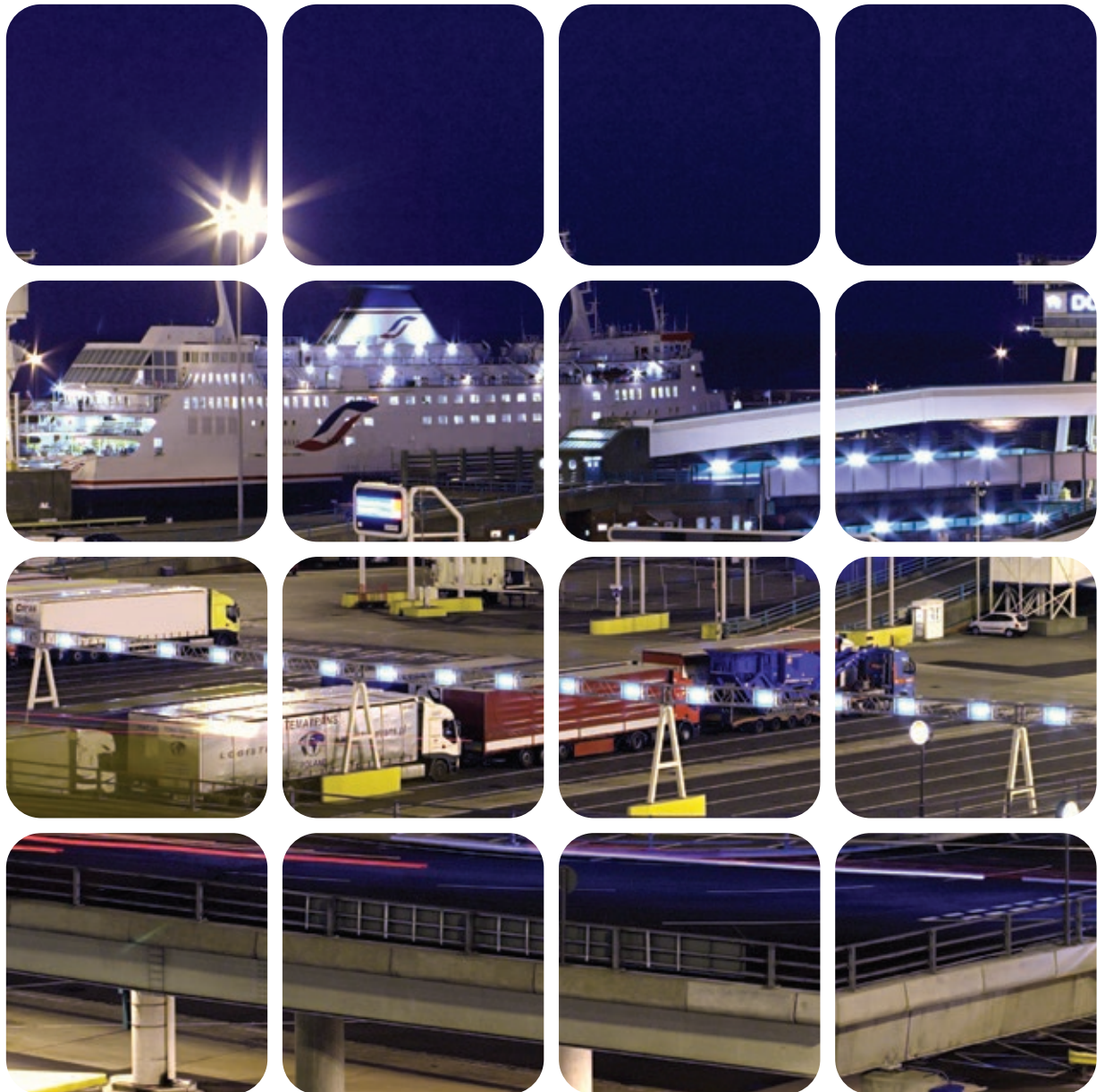


order code

casing model	lamp type	weight (kg)	order code
NIKKON SE	HPMV 250	4.3	NIKKON SE - H 0250
	HPMV 400	4.8	NIKKON SE - H 0400
	MH 250	4.4	NIKKON SE - M 0250
	MH 400	5.4	NIKKON SE - M 0400
reflector	model	weight (kg)	order code
aluminium reflector	N412G (15")	0.4	N412G
	6407 (16")	0.4	6407
	8718 (18")	0.6	8718

note : Due to rapid change and continuous improvement in technology, all specifications are subject to change without prior notice to improve reliability, function or design in order to supply the best product possible.

LIGHTING ACCESSORIES

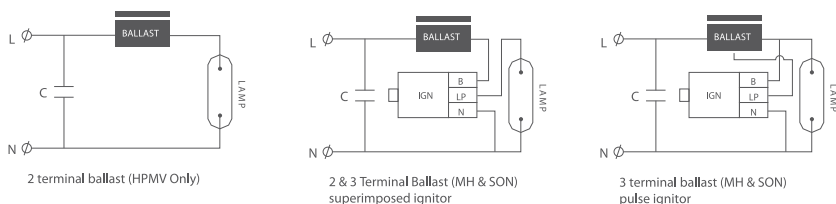


note : Due to rapid change and continuous improvement in technology, all specifications are subject to change without prior notice to improve reliability, function or design in order to supply the best product possible.

HID lamp ballast



wiring diagram



technical data

model	capacity (W)	load current (A)	power factor (pf.)	tw (°C)	Δt (°C)	capacitor (μF)	watt loss (W)	dimension (mm)					type	weight (kg)	carton dimension (L x W x H) mm
								a	b	c	d	e			
sodium/metal halide	35	0.53	0.38	130	70	10	12	96	87	56	70	70	A	1.00	310 x 220 x 85
	70	0.98	0.38	130	70	10	12	96	87	56	70	70	A	1.24	315 x 215 x 80
	100	1.20	0.43	130	70	15/16	15	96	87	56	70	70	A	1.45	313 x 213 x 80
	150(LT)	1.80	0.40	130	70	20	18	115	106	56	70	70	A	2.06	255 x 200 x 80
	250	3.00	0.42	130	70	30	25	110	102	82	99	85	A	3.76	285 x 255 x 115
sodium	600	6.20	0.43	130	70	50/60	38	166	140	97	130	130	B	8.82	235 x 165 x 145
	400	4.40	0.44	130	80	50	30	142	132	82	99	93	A	4.30	290 x 250 x 115
	1000	10.30	0.42	130	70	100	74	218	158	95	133	114	B	12.0	240 x 170 x 150
metal halide	250	2.13	0.52	130	70	20	22	120	106	56	70	70	A	2.45	290 x 250 x 130
	400	3.25	0.54	130	70	30	30	110	102	82	99	85	A	3.72	290 x 250 x 130
	1000	8.20	0.54	130	75	70	53	166	140	97	130	130	B	10.80	245 x 170 x 145
	2000	15.60	0.52	130	85	115	122	190	160	112	152	130	C	14.72	240 x 170 x 150
mercury	2000(415V)	9.50	0.49	130	75	50	130	190	160	112	152	130	C	15.04	240 x 160 x 150
	80	0.80	0.48	130	70	10	10	96	87	56	70	70	A	1.32	310 x 220 x 85
	125	1.15	0.54	130	70	10	15	96	87	56	70	70	A	1.40	310 x 220 x 85
	250	2.15	0.52	130	70	15/16	22	110	102	82	98	88	A	2.72	290 x 250 x 125
	400	3.25	0.54	130	70	25/30	24	110	102	82	98	88	A	3.28	290 x 250 x 125
	700	5.60	0.50	130	70	50	35	185	177	82	100	93	A	6.40	300 x 250 x 120
	1000	7.00	0.60	130	75	50	37	185	177	82	100	93	A	7.52	290 x 250 x 130

note : Due to rapid change and continuous improvement in technology, all specifications are subject to change without prior notice to improve reliability, function or design in order to supply the best product possible.

REV 06

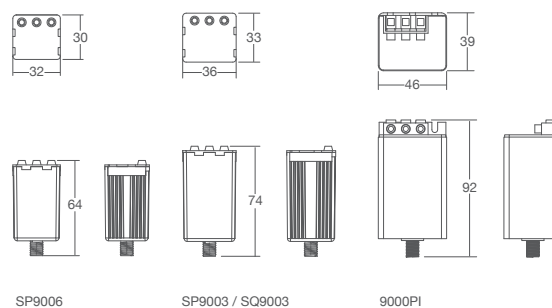
Ignitor (nylon casing)



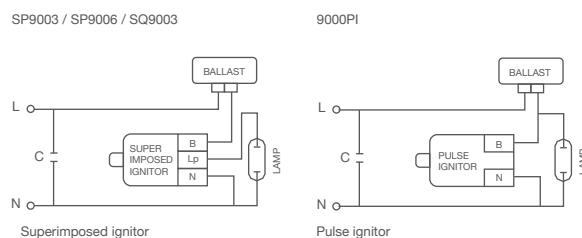
features

- main voltage**
 - 220V - 240V 50Hz / 60Hz
- single point fixing**
 - nylon casing with M8 fastening
- maintenance free**
 - fully electronic control
- manufacturing standard**
 - MS IEC 61347-1:2003, MS IEC 61347-2-1:2003 & MS IEC 60927:2003
- accreditations and certifications**
 - international : CE marking
 - domestic : SIRIM

dimension



wiring diagram



technical data

model	input voltage (V)	frequency	ignition voltage	max housing temperature	weight (kg)	min operating temperature
9000 PI	220 - 240	50/60Hz	4.0 - 5.0 KV	90°C	0.076	-30°C
SP 9003	220 - 240	50/60Hz	3.5 - 4.5 KV	85°C	0.130	-30°C
SP 9006	220 - 240	50/60Hz	3.5 - 3.8 KV	90°C	0.060	-30°C

for domestic market

model	input voltage (V)	frequency	ignition voltage	max housing temperature	weight (kg)	min operating temperature
SQ 9003	220 - 240	50/60Hz	3.5 - 4.5 KV	85°C	0.130	-30°C

order code

model	ignitor type	lamp type	carton dimension (L x W x H) mm	order code
9000PI	pulse	MH 250 - 2000W / HPS 150 - 1000W	300 x 220 x 115	9000PI
SP 9003	superimposed	MH / HPS 70W - 400W	260 x 190 x 200	SP 9003
SP 9006	superimposed	MH / HPS 70W - 150W	260 x 190 x 200	SP9006

for domestic market

order code

model	ignitor type	lamp type	carton dimension (L x W x H) mm	order code
SQ 9003	superimposed	MH / HPS 70W - 400W	260 x 190 x 200	SQ 9003

note : Due to rapid change and continuous improvement in technology, all specifications are subject to change without prior notice to improve reliability, function or design in order to supply the best product possible.

Superimposed ignitor (aluminium casing)



features

main voltage

- 220V - 240V 50Hz / 60Hz

single point fixing

- aluminium casing with M8 fastening

maintenance free

- fully electronic control

timer cut-off (for SP 9008T)

- able to detect lamp failure or end of lamp life and cut-off striking voltage

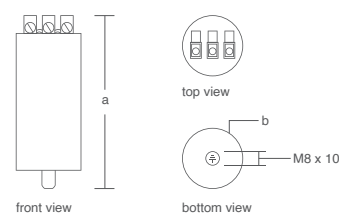
manufacturing standard

- IEC 60926 & IEC 60927

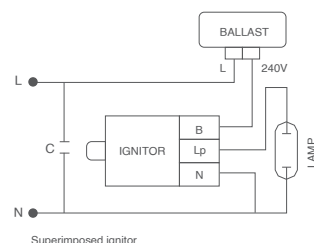
accreditations and certifications

- international : CE marking
- domestic : SIRIM, TNB, JKR, SESCO

dimension



wiring diagram



technical data

ignitor model	input voltage (V)	frequency	ignition voltage	max housing temperature	min operating temperature	weight (kg)	diameter b	length a
SP 9008	220 - 240	50/60Hz	2.8 - 5.0 KV	105°C	-30°C	0.14	36 mm	95 mm
SP 9008T	220 - 240	50/60Hz	2.8 - 5.0 KV	105°C	-30°C	0.14	36 mm	120 mm
SP 9009	220 - 240	50/60Hz	3.0 - 4.0 KV	105°C	-30°C	0.36	55 mm	92 mm
SP 9011	380 - 415	50/60Hz	4.0 - 5.0 KV	105°C	-30°C	0.32	55 mm	92 mm

order code

model	ignitor type	timer protection	suitable lamp type	IP rated	carton dimension (L x W x H) mm	order code
SP 9008	superimposed	-	MH & HPS 100W - 400W	IP65	270 x 230 x 200	SP 9008
SP 9008T	superimposed	cut off	MH & HPS 100W - 400W	IP65	260 x 185 x 200	SP 9008T
SP 9009	superimposed	-	HPS 1000W & MH 1000W - 2000W	IP65	300 x 200 x 260	SP 9009
SP 9011	superimposed	-	HPS 1000W & MH 1000W - 2000W	IP65	300 x 190 x 150	SP 9011

note : Due to rapid change and continuous improvement in technology, all specifications are subject to change without prior notice to improve reliability, function or design in order to supply the best product possible.

IP43 remote control gear



features

housing

- high quality cold rolled steel complete with epoxy coating

technical data

ingress protection • IP43

voltage • 220 - 240 Vac 50 Hz / 60Hz

lamp wattage • 250W - 1000W

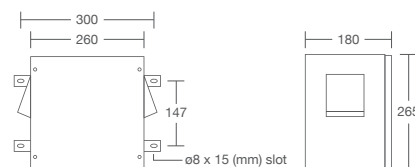
colour of housing • S5100 - UC - black

S5025 / S5040 - light grey

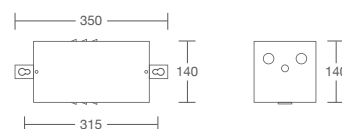
weight • 14.75 kg

dimension

S5100-UC

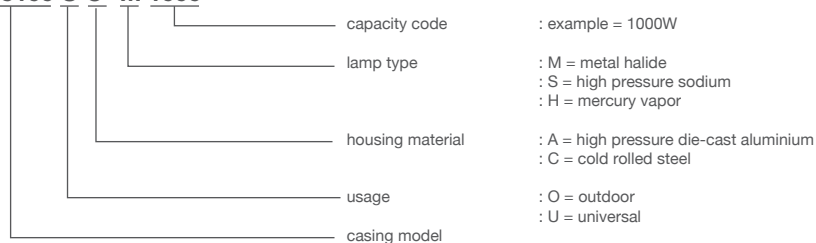


S5025 - S5040 - OC



key for standard order coding

S5100 U C -M 1000



order code

model	lamp watt	lamp type	IP rated	carton dimension (L x W x H) mm	order code
S5100 - UC	1000W	MH / HPS / HPMV	IP43	360 x 290 x 230	S5100 - UC
S5025 - OC	250W	MH / HPS / HPMV	IP43	365 x 154 x 145	S5025 - OC
S5040 - OC	400W	MH / HPS / HPMV	IP43	365 x 154 x 145	S5040 - OC

note : Due to rapid change and continuous improvement in technology, all specifications are subject to change without prior notice to improve reliability, function or design in order to supply the best product possible.

IP65 remote control gear



features

housing

- high pressure aluminium die-cast housing with AKzo Nobel Interpon outdoor epoxy powder coating

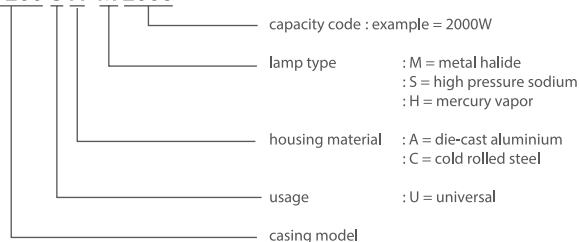
technical data

ingress protection • IP65
 voltage • 220 - 240 Vac 50 Hz / 60Hz
 lamp wattage • 1000W - 2000W
 colour of housing • black
 weight • MH 1000W - 14 kg
 • MH 2000W - 19.5 kg
 • HPS 1000W - 15.5 kg

dimension

key for standard order coding

S5200 U A -M 2000



order code

model	lamp watt	lamp type	IP rated	carton dimension (L x W x H) mm	order code
S5100 - UA	1000W	MH / HPS / HPMV	IP65	410 x 285 x 205	S5100 - UA
S5150 - UA	1500W	MH	IP65	410 x 285 x 205	S5150 - UA
S5200 - UA	2000W	MH	IP65	410 x 285 x 205	S5200 - UA

note : Due to rapid change and continuous improvement in technology, all specifications are subject to change without prior notice to improve reliability, function or design in order to supply the best product possible.

Indoor remote control gear



features

electrical system

- remote control gear suitable for ceramic HID lamps from 35W - 150W with ventilated design compartment

housing

- epoxy powder coated body to increase the reliability of the enclosure

technical data

voltage • 220 - 240 Vac 50 / 60Hz

lamp wattage • HID 35W - 150W

colour of housing • light grey

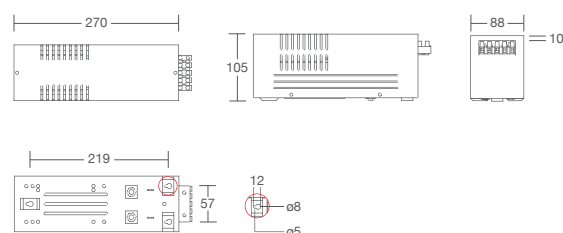
weight • 35W - 1.8 kg

• 70W - 2.0 kg

• 150W - 2.9 kg

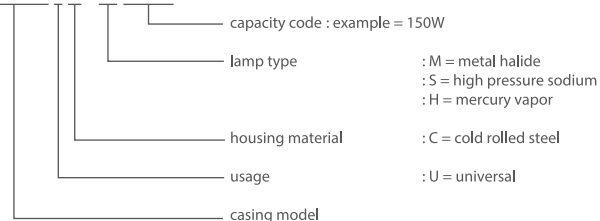
dimension

remote control gear



key for standard order coding

S5035 I C - M 0150



applicable lamp type

brand	lamp type
Philips CDM Master Color	E27 par bulb, G12 single ended, RX7s double ended
GE Constant Color	E27 par bulb, G12 single ended, RX7s double ended
Osram POWERBALL	E27 par bulb, G12 single ended, RX7s double ended
EYE CERA ARC / COLOR ARC	E27 par bulb, G12 single ended, RX7s double ended

order code

model	lamp watt	lamp type	carton dimension (L x W x H) mm	order code
S5035 - IC	35W	MH / HPS / HPMV	290 x 96 x 113	S5035 - IC
S5007 - IC	70W	MH / HPS / HPMV	290 x 96 x 113	S5007 - IC
S5015 - IC	150W	MH / HPS / HPMV	290 x 96 x 113	S5015 - IC

note : Due to rapid change and continuous improvement in technology, all specifications are subject to change without prior notice to improve reliability, function or design in order to supply the best product possible.



HEADQUARTERS, MALAYSIA

SUCCESS ELECTRONICS & TRANSFORMER MANUFACTURER SDN. BHD.

(A wholly owned subsidiary of Success
Transformer Corporation Berhad)

Tel : +603 6279 2800

Fax : +603 6157 2722

Website : www.success.com.my
www.nikkonlighting.com

GENERAL EMAIL

ses@success.com.my

SALES ENQUIRY

Domestic : marketing@success.com.my

Overseas : export@success.com.my

GLOBAL NETWORKS

INDONESIA

PT BOXON NIKKON JAYAINDO

Tel : +62 21 2265 2860

Fax : +62 21 2265 2745

Email : marketing@nikkonlighting.co.id

Website : www.nikkonlighting.co.id

THAILAND

NIKKON LIGHTING (THAILAND) CO., LTD.

Tel : (66-2) 631 2066

Fax : (66-2) 631 2990

Email : export@success.com.my

Website : www.nikkonlighting.co.th

SINGAPORE

NIKKON LIGHTING & ELECTRICAL PTE. LTD.

Tel : +65 67 42 4377

Fax : +65 67 42 4366

Email : enquiry@nikkonlighting.com.sg

Website : www.nikkonlighting.com.sg



SUCCESS ELECTRONICS & TRANSFORMER MANUFACTURER SDN. BHD.

Success Electronics & Transformer Manufacturer Sdn. Bhd. (Success) is a transformer & lighting manufacturing company incorporated in Malaysia wholly owned by Success Transformer Corporation Berhad (STC). Company is registered in Malaysia with business registration number 200853-K. The principal place of business located at No. 3, 5 & 7 Jalan TSB 8, Taman Industri Sungai Buloh, 47000 Sungai Buloh, Selangor, Malaysia. NIKKON is a registered trademark of the Success in Malaysia and other countries. www.stcgroup.com.my