INDO

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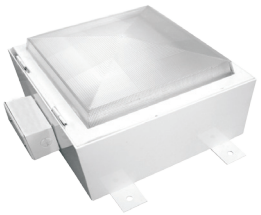

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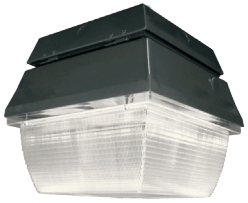


FCSB

Flood

FL01

FL02

FL03

Tunnel

TLEX

TLS1

TLCM

Product Codes

Category	
Lamps & Gear	**LG**
Retrofit	
Road	**RD**
Classic	**CL**
Contemporary	**CN**
High/Low Bay	**HB**
Hazardous	**HZ**
Interior	**IN**
Facilities	**FC**
Flood	**FL**
Tunnel	**TL**

Model number	
01	**01**
to	**to**
ZZ	**ZZ**

Power (W)	
1W	**001**
to	**to**
500W	**500**

Colour temperature (K)	
3000K	**3**
4000K	**4**
5000K	**5**
6500K	**6**
N/A	**N**

Product variables	
Post Top 60mm	**PT6**
Post Top 76mm	**PT7**
Side Entry 60mm	**SE6**
U Bracket: Up lighting	**UBU**
U Bracket: Down lighting	**UBD**
L Bracket : Up lighting	**LBU**
L Bracket: Down lighting	**LBD**
Hook	**HOK**
Rod Mounted	**RDM**
Surface Mount: Up lighting	**SMU**
Surface Mount: Down lighting	**SMD**
Post Top: Up lighting	**PTU**
Post Top: Down lighting	**PTD**
Positive Twist	**PTW**
Negative Twist	**NTW**
Straight	**STR**
30cm	**030**
to	**to**
180cm	**180**
30cm x 30cm	**30X**
to	**to**
120cm x 60cm	**126**
Not Applicable	**NOA**

How to order

The INDO code is human readable, and is made up of 8 parts. Each part describes important features of the product's specification, and can be referenced in the lookup table for each product.

INDO holds stock of popular specifications, and the common specification is shown for each product as a default product code. By ordering a stock item, lead times can be significantly reduced.

Default product code

RD09 • 100 • 3 • PT6 • M • F • FG • 9017

Control	
Mains	**M**
NEMA	**N**

Dimming	
Fixed	**F**
1-10V	**A**
DALI	**D**

Lens type	
Flat Polycarbonate	**FP**
Curved Polycarbonate	**CP**
Flat Glass	**FG**
Curved Glass	**CG**
Acryllic	**AC**
Clear	**CL**
Striped	**ST**
Frosted	**FR**
No Lens	**NL**

Luminaire colour	
RAL9017 Traffic Black	**9017**
RAL7038 Agate Grey	**7038**
RAL9016 White	**9016**
RAL6022 Olive Drab	**6022**
RAL5002 Ultramarine Blue	**5002**
Not Applicable	**NOTA**

Lamps & Gear

INDO Products - Lamp & Gear Specifications

LGQU

INDO code explained

LGQU	QC35	4	SDH	D	L	NL	NOTA
Model	Lamp / Power (W)	Colour Temperature	Lamp holder	Direction	Temperature rating	Lens Type	Luminaire colour

Stocked product code

LGQU • QC35 • 4 • SDH • D • L • NL • NOTA

This product code is held in stock and has, on average, a shorter lead time.

Features :

- 100,000 hour life time per lamp
- Instant strike, re-strike
- Low lumen depreciation
- Dimmable to 50% brightness
- Ambient temperature range -40ºC to +50ºC

Applications :

Motorways, roads, car parks, public entrances, off-street areas, warehouses, tunnels, factories, sports facilities.

Product codes – *please choose your specifications*

Model	Product code
QUDO Lamp	LGQU

Lamp / Power (W)	Product code
QUDO:80W	Q080
QUDO:100W	Q100
QUDO:120W	Q120
QUDO:150W	Q150
QUDO:200W ø38mm	Q2LC
QUDO:200W ø54mm	Q2LM
QUDO:200W ø58mm	Q2LL
QUDO:250W ø38mm	Q25C
QUDO:250W ø54mm	Q25M
QUDO:200W ø58mm	Q25L
QUDO:300W ø54mm	Q3LM
QUDO:300W ø58mm	Q3LL
QUDO:400W ø54mm	Q4LM
QUDO:400W ø58mm	Q4LL

Colour temperature	Product code
3000K	3
4000K	4
5000K	5
6500K	6

Lamp holder	Product code
Road Raised Lamp Holder	RDR
Tunnel Raised Lamp Holder	TLR
Standard Lamp Holder	SDH

Lamp	Product code
QUDO:35W ø38mm	QC35
QUDO:35W ø42mm	QS35
QUDO:40W ø38mm	QL4C
QUDO:40W ø42mm	QL4S
QUDO:55W	Q055
QUDO:70W	Q070

Direction	Product code
Upwards	U
Downwards	D

Temperature rating	Product code
Low Temperature	L
High Temperature	H

Lens type	Product code
No Lens	NL

Luminaire colour (RAL)	Product code
Not Applicable	NOTA

Product specifications

Operating Frequency (KHz)
100-300

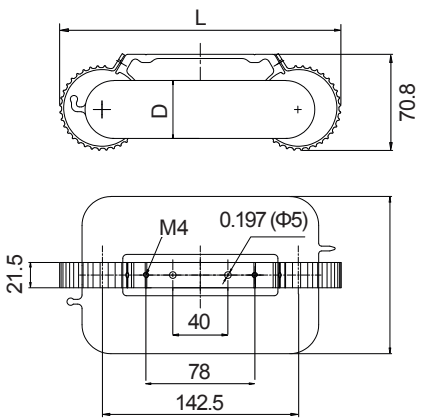
Luminance Maintenance (60,000 Hrs)
70%

CRI
≥80

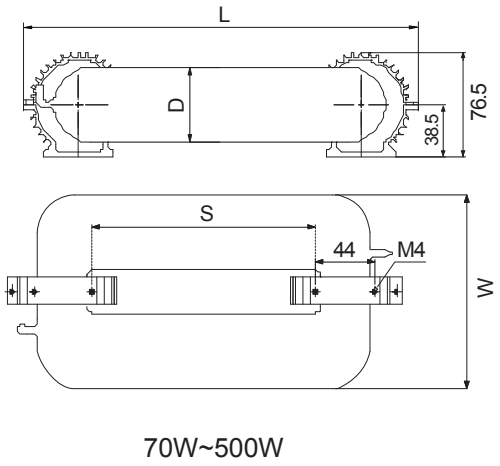
Rated Life (Hours)
100,000

Induction Lamp Dimensions

Unit: mm



40W\55W



70W~500W

		35W/40W (mm)		55W (mm)	70W/80W (mm)	100W (mm)	120W (mm)	150W (mm)	200W (mm)		
Tube Diameter	**D**	38	42	42	54	54	54	54	38	54	58
Lamp Width	**W**	114	118	118	142	142	142	142	128	142	188
Lamp Length	**L**	202	202	202	245	295	335	388	784	540	434
Mounting Holes Spacing	**S**	-		-	119	169	209	261	618	419	308

		250W (mm)			300W (mm)		400W (mm)		500W (mm)
Tube Diameter	**D**	38	54	58	54	58	54	58	58
Lamp Width	**W**	128	160	188	160	188	160	188	188
Lamp Length	**L**	1058	676	584	796	684	1047	884	884
Mounting Holes Spacing	**S**	888	549	458	669	558	919	758	758

INDO Products - Lamp & Gear Specifications

LGHA

INDO code explained

LGHA • HO40 • 4 • SDH • U • L • NL • NOTA

Model	Lamp / Power (W)	Colour temperature	Lamp holder	Direction	Temperature rating	Lens Type	Luminaire colour
LGHA	HO40	4	SDH	U	L	NL	NOTA

Stocked product code

LGHA • H040 • 4 • SDH • U • L • NL • NOTA

This product code is held in stock and has, on average, a shorter lead time.

Product codes – *please choose your specifications*

Model	Product code
HALO Lamp	LGHA

Lamp / Power (W)	Product code
HALO:40W	H040
HALO:55W	H055
HALO:70W	H070
HALO:80W	H080
HALO:100W	H100
HALO:120W	H120
HALO:150W	H150
HALO:200W	H200
HALO:250W	H250
HALO:300W	H300
HALO:400W	H400

Colour temperature	Product code
3000K	3
4000K	4
5000K	5
6500K	6

Lamp holder	Product code
Standard Lamp Holder	SDH
E39 Lamp Holder	E39
E40 Lamp Holder	E40

Direction	Product code
Upwards	U
Downwards	D

Temperature rating	Product code
Low Temperature	L
High Temperature	H

Lens type	Product code
No Lens	NL

Luminaire colour (RAL)	Product code
Not Applicable	NOTA

Product specifications

Operating Frequency (KHz)
100 - 300

Luminance Maintenance (60,000 Hrs)
70%

CRI
≥80

Rated Life (Hours)
100,000

Features :

- 100,000 hour life time per lamp
- Instant strike, re-strike
- Low lumen depreciation
- Dimmable to 50% brightness
- Ambient temperature range -40ºC to +50ºC

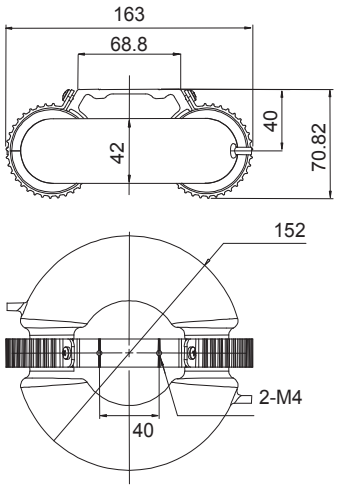
Applications :

Motorways, roads, car parks, public entrances, off-street areas, warehouses, tunnels, factories, sports facilities.

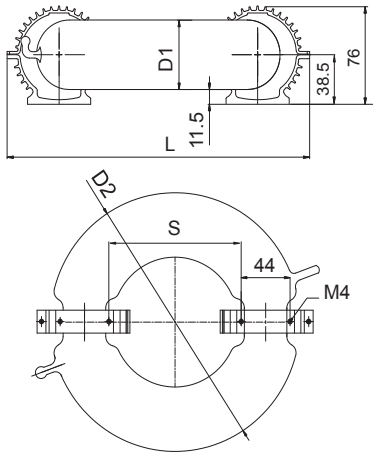
INDO Products - Lamp & Gear Specifications

Induction Lamp Dimensions

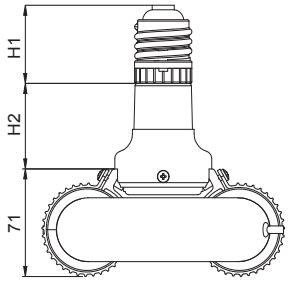
Unit: mm



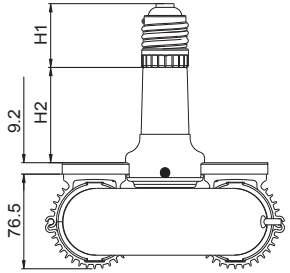
40W\55W



70W~500W



40W~55W



70W~200W

	E39	E40
H1	51.5	55
H2	27	27
	56	56
	96	96
	151	151

	E39	E40
H1	51.5	55
H2	24	24
	56	56
	96	96
	151	151

		70W\80W (mm)	100W (mm)	120W (mm)	150W (mm)	200W (mm)	250W (mm)	300W (mm)	400W (mm)
Tube Diameter	D1	54	54	54	54	54	58	58	58
Lamp Width	D2	180	217	249	294	354	390	441	453
Lamp Length	L	201	242	274	319	381	401	463	475
Mounting Holes Spacing	S	74	113	146	192	253	273	335	347

INDO Products - Lamp & Gear Specifications

LGQE - QUDO Extruded Ballast

INDO code explained

LGQE	EC35	N	SDH	M	F	NL	9017
Model	Lamp / Power (W)	Colour temperature	Connector	Control	Dimming	Lens type	Luminaire colour

Stocked product code

LGQE • EC35 • N • SDH • M • F • NL • 9017

This product code is held in stock and has, on average, a shorter lead time.

Features :

- High quality electronic ballast
- Excellent thermal design
- High efficiency, low circuit losses
- Very high power factor
- Dimmable by analogue and DALI

Applications :

- Retrofit into existing fittings
- OEM Luminaire Manufacture

Product codes – *please choose your specifications*

Model	Product code
QUDO Extruded Ballast	LGQE

Lamp / Power (W)	Product code
35W Compact ballast	EC35
35W Standard ballast	ES35
40W Compact ballast	EC40
40W Standard ballast	ES40
55W	0055
70W	0070
80W	0080
100W	0100
120W	0120
150W	0150
200W	0200
250W	0250
400W	0400

Colour temperature	Product code
Not Applicable	N

Connector	Product code
Standard Lamp Holder	SDH

Control	Product code
Mains	M

Dimming	Product code
Fixed	F
Analogue (0-10V)	A
DALI	D

Lens type	Product code
No Lens	NL

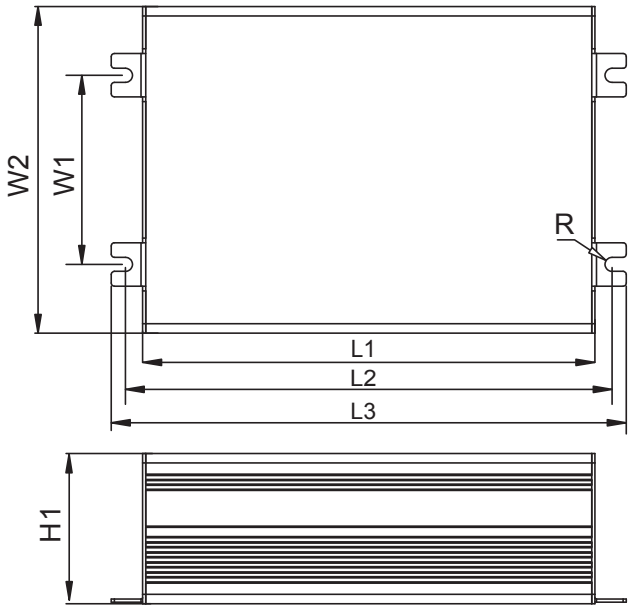
Luminaire colour (RAL)	Product code
RAL9017 Traffic Black	9017

Product specifications

Voltage (V)	120-277
Frequency (Hz)	50/60
THD	≤ 10%
Power Factor	> 0.95
Case Temperature (°C)	< 65

LGQE - Extruded Ballast Dimensions

Unit: mm



35W~500W

Electronic Ballast Dimensions (Extruded aluminium):

Wattage	L1 (mm)	L2 (mm)	L3 (mm)	W1 (mm)	W2 (mm)	R (mm)	H1 (mm)
40W (compact)	132	143	152	63	93	2.5	41.5
55W (compact)							
40W	157.3	170.3	179.3	60.5	104.5		48
70W							
80W							
100W							
120W	189	204	215	70	120		53
150W							
200W							
250W	229	244	255				
400W	274	290	302		135		63.5
500W							

Dimmable Electronic Ballast Dimensions (Extruded aluminium):

Wattage	L1 (mm)	L2 (mm)	L3 (mm)	W1 (mm)	W2 (mm)	R (mm)	H (mm)
40W	132	143	152	63	93	2.5	41.5
55W							
70W	157.3	170.3	179.3	60.5	104.5		48
100W							
150W	189	204	215	70	120		53
200W							
250W	229	244	255				

INDO Products - Lamp & Gear Specifications

LGHE - HALO Extruded Ballast

INDO code explained

LGHE • EC35 • N • SDH • M • F • NL • 9017

Model	Lamp / Power (W)	Colour temperature	Connector	Control	Dimming	Lens type	Luminaire colour
LGHE	EC35	N	SDH	M	F	NL	9017

Stocked product code

LGHE • EC35 • N • SDH • M • F • NL • 9017

This product code is held in stock and has, on average, a shorter lead time.

Features :

- High quality electronic ballast
- Excellent thermal design
- High efficiency, low circuit losses
- Very high power factor
- Dimmable by analogue and DALI

Applications :

- Retrofit into existing fittings
- OEM Luminaire Manufacture

Product codes – *please choose your specifications*

Model	Product code
HALO Extruded Ballast	LGHE

Lamp / Power (W)	Product code
35W Compact ballast	EC35
35W Standard ballast	ES35
40W Compact ballast	EC40
40W Standard ballast	ES40
55W	0055
70W	0070
80W	0080
100W	0100
120W	0120
150W	0150
200W	0200
250W	0250
300W	0300
400W	0400

Colour temperature	Product code
Not Applicable	N

Connector	Product code
Standard Lamp Holder	SDH

Control	Product code
Mains	M

Dimming	Product code
Fixed	F
Analogue (0-10V)	A
DALI	D

Lens type	Product code
No Lens	NL

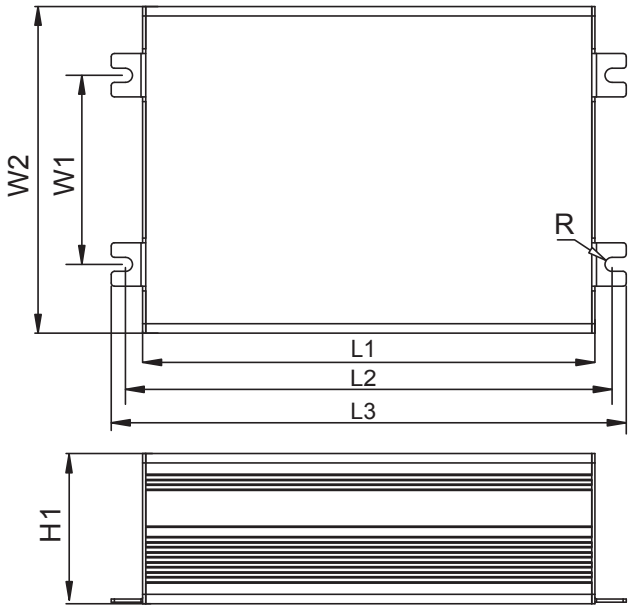
Luminaire colour (RAL)	Product code
RAL9017 Traffic Black	9017

Product specifications

Voltage (V)	120-277
Frequency (Hz)	50/60
THD	≤ 10%
Power Factor	> 0.95
Case Temperature (°C)	< 65

LGHE - Extruded Ballast Dimensions

Unit: mm



35W~500W

Electronic Ballast Dimensions (Extruded aluminium):

Wattage	L1 (mm)	L2 (mm)	L3 (mm)	W1 (mm)	W2 (mm)	R (mm)	H1 (mm)
40W (compact)	132	143	152	63	93	2.5	41.5
55W (compact)							
40W	157.3	170.3	179.3	60.5	104.5		48
70W							
80W							
100W							
120W	189	204	215	70	120		53
150W							
200W							
250W	229	244	255				
400W	274	290	302		135		63.5
500W							

Dimmable Electronic Ballast Dimensions (Extruded aluminium):

Wattage	L1 (mm)	L2 (mm)	L3 (mm)	W1 (mm)	W2 (mm)	R (mm)	H (mm)
40W	132	143	152	63	93	2.5	41.5
55W							
70W	157.3	170.3	179.3	60.5	104.5		48
100W							
150W	189	204	215	70	120		53
200W							
250W	229	244	255				

INDO Products - Lamp & Gear Specifications

LGDB - QUDO Die Cast Ballast

INDO code explained

LGDB	0150	N	SDH	M	F	NL	9016
Model	Lamp / Power (W)	Colour temperature	Connector	Control	Dimming	Lens type	Luminaire colour

Stocked product code

LGDB • 0150 • N • SDH • M • F • NL • 9016

This product code is held in stock and has, on average, a shorter lead time.

Features :

- IP Rated Die Cast Ballast
- High quality electronic ballast
- Excellent thermal design
- High efficiency, low circuit losses
- Very high power factor
- Dimmable by analogue and DALI

Applications :

- Exterior applications
- Retrofit into existing fittings
- OEM Luminaire Manufacture

Product codes – *please choose your specifications*

Model	Product code
QUDO Die Cast Ballast	LGDB

Lamp / Power (W)	Product code
70W	0070
80W	0080
100W	0100
120W	0120
150W	0150
200W	0200
250W	0250
300W	0300
400W	0400
500W	0500

Colour temperature	Product code
Not Applicable	N

Connector	Product code
Standard Lamp Holder	SDH

Control	Product code
Mains	M

Dimming	Product code
Fixed	F
Analogue (0-10V)	A
DALI	D

Lens type	Product code
No Lens	NL

Luminaire colour (RAL)	Product code
RAL9017 Traffic Black	9017
RAL9016 White	9016

Product specifications

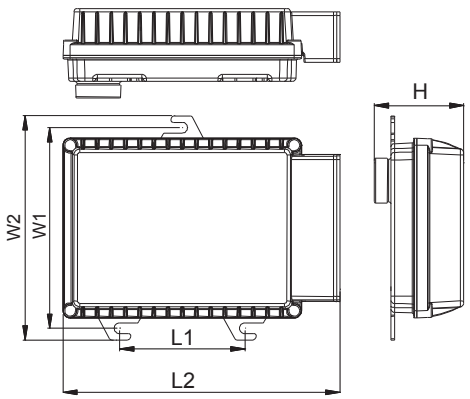
Voltage (V)	120-277
Frequency (Hz)	50/60
THD	≤ 10%
Power Factor	> 0.95
Case Temperature (°C)	< 65

INDO

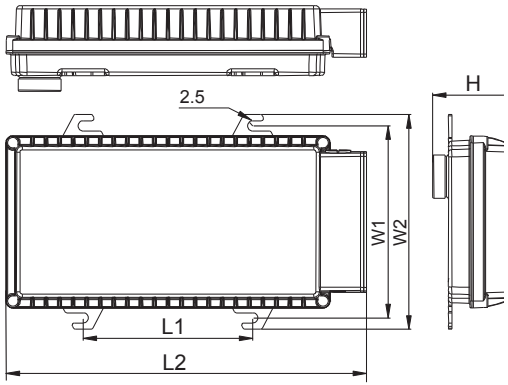
Telephone: +44 (0)20 3051 1687 Email: info@indolighting.com Website: www.indolighting.com

LGDB - Die Cast Ballast Dimensions

Unit: mm



70W~200W



200W~500W

Wattage	L1 (mm)	L2 (mm)	W1 (mm)	W2 (mm)	H (mm)
70W	106	234	169.5	189.5	75.5
80W					
100W					
120W					
150W					
200W					
200W	150	319	169.5	189.5	75.5
250W					
300W					
400W					

INDO Products - Lamp & Gear Specifications

LGCB - HALO Circular Ballast

INDO code explained

LGCB • 0200 • N • HOK • M • F • NL • 9016

Model	Lamp / Power (W)	Colour temperature	Mounting	Control	Dimming	Lens type	Luminaire colour
LGCB	0200	N	HOK	M	F	NL	9016

Stocked product code

LGCB • 0200 • N • HOK • M • F • NL • 9016

This product code is held in stock and has, on average, a shorter lead time.

Features :

- High quality electronic ballast
- Excellent thermal design
- High efficiency, low circuit losses
- Very high power factor
- Dimmable by analogue and DALI

Applications :

- INDO high bay reflectors

Product codes – *please choose your specifications*

Model	Product code
Circular Ballast	LGCB

Lamp / Power (W)	Product code
40W	0040
70W	0070
80W	0080
100W	0100
120W	0120
150W	0150
200W	0200
250W	0250
300W	0300
400W	0400

Colour temperature	Product code
Not Applicable	N

Mounting	Product code
Hook	HOK
Rod Mounted	RDM

Control	Product code
Mains	M

Dimming	Product code
Fixed	F
Analogue (0-10V)	A
DALI	D

Lens type	Product code
No Lens	NL

Luminaire colour (RAL)	Product code
RAL9016 White	9016

Product specifications

Voltage (V)
120-277

Frequency (Hz)
50/60

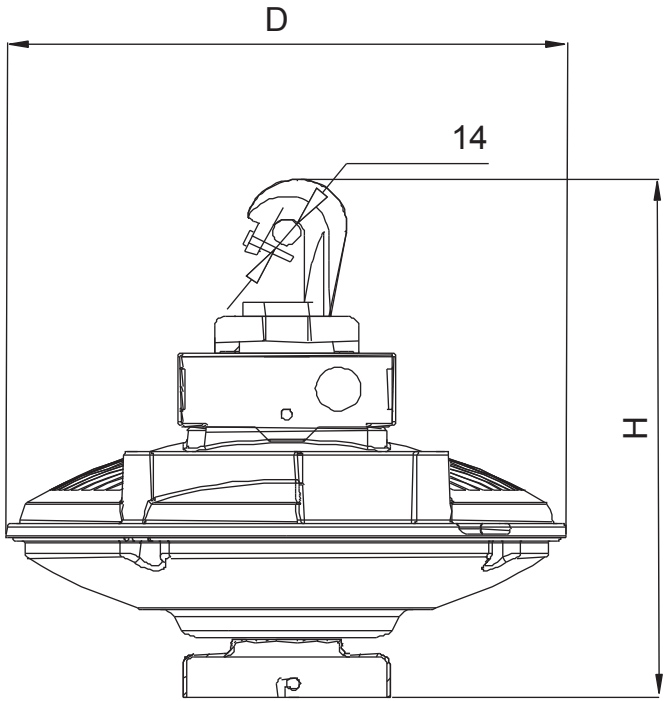
THD
≤ 10%

Power Factor
> 0.95

Case Temperature (°C)
< 65

LGCB - Circular Ballast Dimensions

Unit: mm



LGCB (40W~500W)

Wattage	H (mm)	D (mm)
40	240	205
70		
80		
100		
120	262	244
150		
200		
250	274	280
300		
400		
500		

INDO Products - Lamp & Gear Specifications

LGNB - Narrow Ballast

INDO code explained

LGNB • 0035 • N • SDH • M • F • NL • NOTA

Model	Lamp / Power (W)	Colour temperature	Connector	Control	Dimming	Lens type	Luminaire colour
LGNB	0035	N	SDH	M	F	NL	NOTA

Stocked product code

LGNB • 0035 • N • SDH • M • F • NL • NOTA

This product code is held in stock and has, on average, a shorter lead time.

Features :

- Designed to fit inside a column
- High quality electronic ballast
- Excellent thermal design
- High efficiency, low circuit losses
- Very high power factor

Applications :

- Street or road lighting
- Retrofit solutions

Product codes – *please choose your specifications*

Model	Product code
Narrow Ballast	LGNB

Lamp / Power (W)	Product code
35W	0035
40W	0040
55W	0055
70W	0070
80W	0080
100W	0100

Colour temperature	Product code
Not Applicable	N

Connector	Product code
Standard Lamp Holder	SDH

Control	Product code
Mains	M

Dimming	Product code
Fixed	F

Lens type	Product code
No Lens	NL

Luminaire colour (RAL)	Product code
Not Applicable	NOTA

Product specifications

Voltage (V)
120-277
Frequency (Hz)
50/60
THD
≤ 10%
Power Factor
> 0.95
Case Temperature (°C)
< 65

INDO Products - Lamp & Gear Specifications

LGSU - SUDO Lamp

INDO code explained

LGSU • S035 • 4 • SDH • X • L • NL • NOTA

Model	Lamp / Power (W)	Colour temperature	Lamp holder	Direction	Temperature rating	Lens type	Luminaire colour
LGSU	S035	4	SDH	X	L	NL	NOTA

Stocked product code

LGSU • S035 • 4 • SDH • X • L • NL • NOTA

This product code is held in stock and has, on average, a shorter lead time.

Features :

- 60,000 hour life time per lamp
- Instant strike, re-strike
- Low lumen depreciation
- Dimmable to 50% brightness
- Ambient temperature range -40ºC to +50ºC

Applications :

Motorways, roads, car parks, public entrances, off-street areas, warehouses, tunnels, factories, sports facilities.

Product codes – *please choose your specifications*

Model	Product code
SUDO Lamp	LGSU

Lamp / Power (W)	Product code
SUDO:35W	S035
SUDO:55W	S055
SUDO:85W	S085
SUDO:100W	S100
SUDO:120W	S120

Colour temperature	Product code
3000K	3
4000K	4
5000K	5
6500K	6

Lamp holder	Product code
Standard Lamp Holder	SDH

Direction	Product code
Not Applicable	X

Temperature rating	Product code
Low Temperature	L
High Temperature	H

Lens type	Product code
No Lens	NL

Luminaire colour (RAL)	Product code
Not Applicable	NOTA

Product specifications

Operating Frequency (KHz)
100 - 300

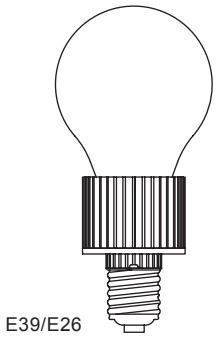
Luminance Maintenance (40,000 Hrs)
70%

CRI
≥80

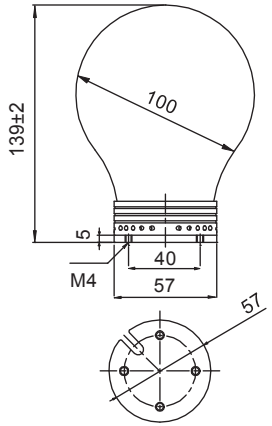
Rated Life (Hours)
60,000

LGSU - Lamp Dimensions

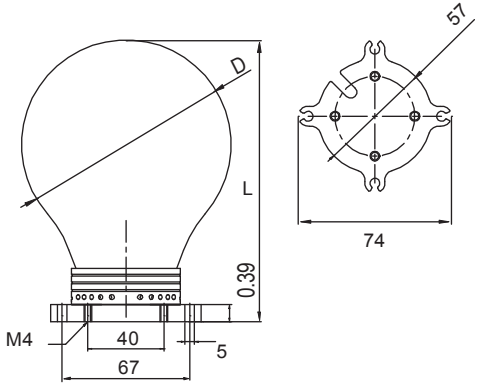
Unit: mm



35W\55W\85W

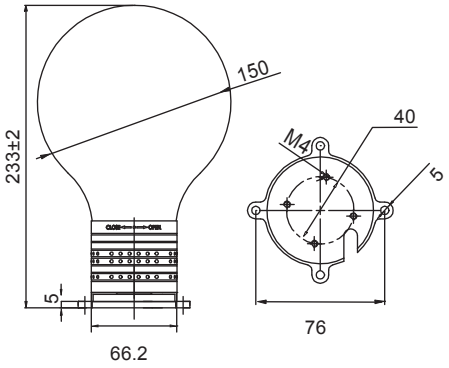


35W

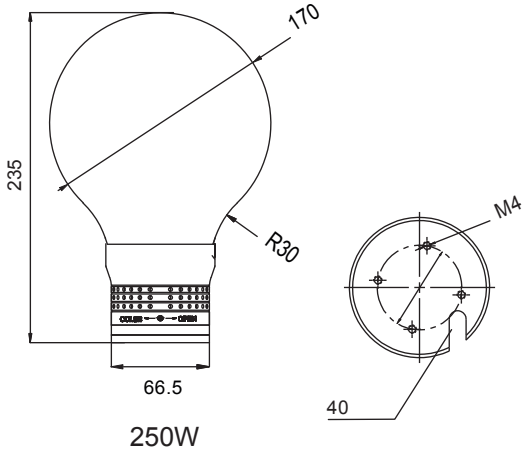


55W~120W

Model	D	L
55W/85W	110	158
100W/120W	130	181



165W\200W



250W

INDO Products - Lamp & Gear Specifications

LGSP - SUDO Power Coupler

INDO code explained

LGSP • 0035 • N • SDH • X • N • NL • NOTA

Model	Lamp / Power (W)	Colour temperature	Connector	Control	Dimming	Lens type	Luminaire colour
LGSP	0035	N	SDH	X	N	NL	NOTA

Stocked product code

LGSP • 0035 • N • SDH • X • N • NL • NOTA

This product code is held in stock and has, on average, a shorter lead time.

Features :

- High purity ferrite core
- Excellent thermal conductivity

Product codes – *please choose your specifications*

Model	Product code
SUDO Power Coupler	LGSP

Lamp / Power (W)	Product code
35W	0035
55W	0055
85W	0085
100W	0100
120W	0120

Colour temperature	Product code
Not Applicable	N

Connector	Product code
Standard Lamp Holder	SDH

Direction	Product code
N/A	X

Temperature rating	Product code
N/A	N

Lens type	Product code
No Lens	NL

Luminaire colour (RAL)	Product code
Not Applicable	NOTA

Product specifications

Voltage (V)
120-277

Operating Frequency (KHz)
100 - 300

Base Temperature (°C)
< 120

INDO Products - Lamp & Gear Specifications

LGSE - SUDO Extruded Ballast

INDO code explained

LGSE • 0035 • N • SDH • M • F • NL • 9017

Model	Lamp / Power (W)	Colour temperature	Connector	Control	Dimming	Lens type	Luminaire colour
LGSE	0035	N	SDH	M	F	NL	9017

Stocked product code

LGSE • 0035 • N • SDH • M • F • NL • 9017

This product code is held in stock and has, on average, a shorter lead time.

Features :

- High quality electronic ballast
- Excellent thermal design
- High efficiency, low circuit losses
- Very high power factor
- Dimmable by analogue and DALI

Applications :

- Retrofit into existing fittings
- OEM Luminaire Manufacture

Product codes – *please choose your specifications*

Model	Product code
SUDO Extruded Ballast	LGSE

Lamp / Power (W)	Product code
35W	0035
55W	0055
85W	0085
100W	0100
120W	0120

Colour temperature	Product code
Not Applicable	N

Connector	Product code
Standard Lamp Holder	SDH

Control	Product code
Mains	M

Dimming	Product code
Fixed	F

Lens type	Product code
No Lens	NL

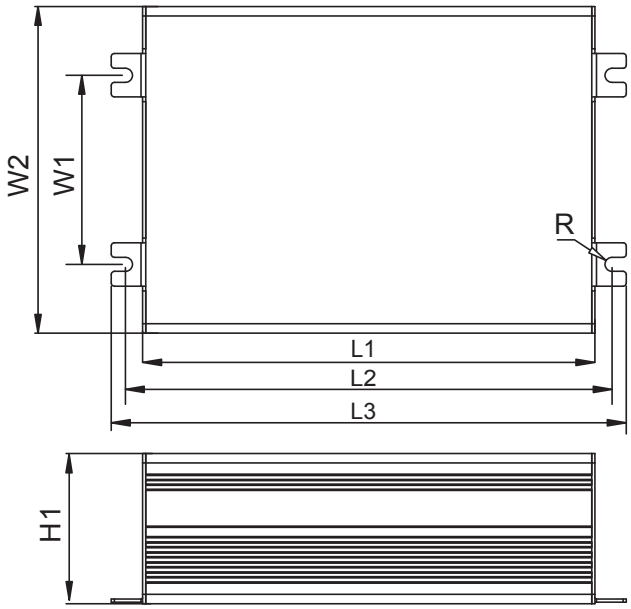
Luminaire colour (RAL)	Product code
RAL9017 Traffic Black	9017

Product specifications

Voltage (V)
120-277
Frequency (Hz)
50/60
THD
≤ 10%
Power Factor
> 0.95
Case Temperature (°C)
< 65

LGSE - Extruded Ballast Dimensions

Unit: mm



35W~200W

Wattage	L1 (mm)	L2 (mm)	L3 (mm)	W1 (mm)	W2 (mm)	R (mm)	H1 (mm)
35	132	143	152	70	93	2.5	41.5
55							
85	157.3	170.3	179.3	60.5	104.5		48
100							
120							
165	189	204	215	70	120		53
200							

INDO Products - Lamp & Gear Specifications

LGSC - SUDO Circular Ballast

INDO code explained

LGSC	0120	N	HOK	M	F	NL	9016
Model	Lamp / Power (W)	Colour Temperature	Mounting	Control	Dimming	Lens type	Luminaire colour

Stocked product code

LGSC • 0120 • N • HOK • M • F • NL • 9016

This product code is held in stock and has, on average, a shorter lead time.

Features :

- High quality electronic ballast
- Excellent thermal design
- High efficiency, low circuit losses
- Very high power factor
- Dimmable by analogue and DALI

Applications :

- INDO high bay reflectors

Product codes – *please choose your specifications*

Model	Product code
SUDO Circular Ballast	LGSC

Lamp / Power (W)	Product code
35W	0035
55W	0055
85W	0085
100W	0100
120W	0120

Colour temperature	Product code
Not Applicable	N

Mounting	Product code
Hook	HOK
Rod Mounted	RDM

Control	Product code
Mains	M

Dimming	Product code
Fixed	F

Lens type	Product code
No Lens	NL

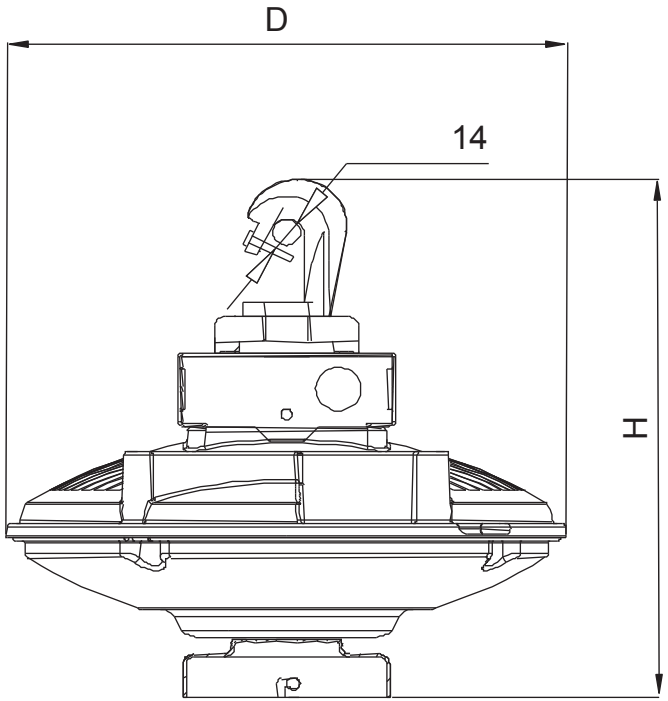
Luminaire colour (RAL)	Product code
RAL9016 White	9016

Product specifications

Voltage (V)
120-277
Frequency (Hz)
50/60
THD
≤ 10%
Power Factor
> 0.95
Case Temperature (°C)
< 65

LGSC - Circular Ballast Dimensions

Unit: mm



Disc type (35W~250W)

Wattage	H (mm)	D (mm)
35	206	166
55		
85	240	205
100		
120		
165	262	244
200	274	280
250		

INDO Products - Lamp & Gear Specifications

LGSN

INDO code explained

LGSN • 0035 • N • SDH • M • F • NL • NOTA

Model	Lamp / Power (W)	Colour temperature	Connector	Control	Dimming	Lens type	Luminaire colour
LGSN	0035	N	SDH	M	F	NL	NOTA

Stocked product code

LGSN • 0035 • N • SDH • M • F • NL • NOTA

This product code is held in stock and has, on average, a shorter lead time.

Features :

- Designed to fit inside a column
- High quality electronic ballast
- Excellent thermal design
- High efficiency, low circuit losses
- Very high power factor

Applications :

- Street or road lighting
- Retrofit solutions

Product codes – *please choose your specifications*

Model	Product code
SUDO Narrow Ballast	LGSN

Lamp / Power (W)	Product code
35W	0035
55W	0055
85W	0085
100W	0100
120W	0120

Colour temperature	Product code
Not Applicable	N

Connector	Product code
Standard Lamp Holder	SDH

Control	Product code
Mains	M

Dimming	Product code
Fixed	F

Lens type	Product code
No Lens	NL

Luminaire colour (RAL)	Product code
Not Applicable	NOTA

Product specifications

Voltage (V)
120-277
Frequency (Hz)
50/60
THD
≤ 10%
Power Factor
> 0.95
Case Temperature (°C)
< 65

Retrofit

INDO Products - Retrofit Specifications

T5SE / T5SP / T5HE

INDO code explained

T5SE	0008	5	030	M	F	ST	NOTA
Model	Lamp / Power (W)	Colour Temperature	Length	Control	Dimming	Lens Type	Luminaire colour

Stocked product code

T5SE• 0008 • 5 • 030 • M • F • ST • NOTA

This product code is held in stock and has, on average, a shorter lead time.

Features :

- Advanced thermal PCB design
- Huge energy and maintenance savings
- Install as part of lamp replacement schedule
- Designed to work off existing electronics
- CRI > 80
- Wide beam angle of 120 degrees
- Payback typically under 2 years

Applications :

Signage, Bollards, Emergency Fittings, Subways, Tunnels

Product codes – *please choose your specifications*

Model	Product code	Lamp / Power (W)	Product code	Colour temperature	Product code
FIT T5 S	**T5SE**	8W	**0008**	5000K	**5**
FIT T5 S Protected	**T5SP**				
FIT T5 HE	**T5HE**	4W	**0004**	6500K	**6**

These models come in specific powers and temperatures – please read across the table above.

Length	Product code
300mm Long	**030**

Dimming	Product code
Fixed	**F**

Luminaire colour (RAL)	Product code
Not Applicable	**NOTA**

Control	Product code
Mains	**M**

Lens type	Product code
Stripped	**ST**

Product specifications

Operating Frequency (Hz)
100

Luminance Maintenance (60,000 Hrs)
70%

CRI
≥80

Rated Life (Hours)
60,000

Retrofit

INDO Products - Retrofit Specifications

PLHE

INDO code explained

PLHE	0004	6	NTW	M	F	ST	NOTA
Model	Lamp / Power (W)	Colour Temperature	Connector	Control	Dimming	Lens Type	Luminaire colour

Stocked product code

PLHE • 0004 • 6 • NTW • M • F • ST • NOTA

This product code is held in stock and has, on average, a shorter lead time.

Features :

- Advanced thermal PCB design
- Huge energy and maintenance savings
- Install as part of lamp replacement schedule
- Designed to work off existing electronics
- CRI > 80
- Wide beam angle of 120 degrees
- Payback typically under 2 years

Applications :

Signage, Bollards, Emergency Fittings, Subways, Tunnels

Product codes – *please choose your specifications*

Model	Product code
FIT PL HE	**PLHE**

Lamp / Power (W)	Product code
4W	**0004**

Colour temperature	Product code
6500K	**6**

Connector	Product code
Positive Twist	**PTW**
Negative Twist	**NTW**
Straight Connector	**STR**

Control	Product code
Mains	**M**

Dimming	Product code
Fixed	**F**

Lens type	Product code
Stripped	**ST**

Luminaire colour (RAL)	Product code
Not Applicable	**NOTA**

Product specifications

Operating Frequency (Hz)
100

Luminance Maintenance (60,000 Hrs)
70%

CRI
≥80

Rated Life (Hours)
60,000

Retrofit

INDO Products - Retrofit Specifications

T8HE

INDO code explained

T8HE	0030	5	150	M	F	CL	NOTA
Model	Lamp / Power (W)	Colour Temperature	Length	Control	Dimming	Lens Type	Luminaire colour

Stocked product code

T8HE • 0030 • 5 • 150 • M • F • CL • NOTA

This product code is held in stock and has, on average, a shorter lead time.

Features :

- Excellent thermal performance
- Huge energy and maintenance savings
- Install as part of lamp replacement schedule
- Lockable rotating end cap for directionality
- CRI > 80
- Wide beam angle of 120 degrees

Applications :

Car parks, public entrances, subways, offices, sports facilities, sign lighting, schools, hospitals, decorative.

Product codes – *please choose your specifications*

Model	Product code
FIT T8 HE	**T8HE**

Lamp / Power (W)	Product code	Length	Product code
11W	**0011**	600mm Long	**060**
17W	**0017**	900mm Long	**090**
20W	**0020**	1200mm Long	**120**
24W	**0024**	1500mm Long	**150**
30W	**0030**	1500mm Long	**150**
	0030	1800mm Long	**180**

These models come in specific lengths – please read across the table above.

Colour temperature	Product code
3000K	**3**
4000K	**4**
5500K	**5**
6500K	**6**

Control	Product code
Mains	**M**

Dimming	Product code
Fixed	**F**

Lens type	Product code
Clear	**CL**
Stripped	**ST**
Frosted	**FR**

Luminaire colour (RAL)	Product code
Not Applicable	**NOTA**

Product specifications

Operating Frequency (Hz)
100

Luminance Maintenance (40,000 Hrs)
70%

CRI
≥80

Rated Life (Hours)
50,000

Retrofit

INDO Products - Retrofit Specifications

T8DS

INDO code explained

T8DS • 0024 • 5 • 150 • M • F • CL • NOTA

Model	Lamp / Power (W)	Colour Temperature	Length	Control	Dimming	Lens Type	Luminaire colour
T8DS	0024	5	150	M	F	CL	NOTA

Stocked product code

T8DS • 0024 • 5 • 150 • M • F • CL • NOTA

This product code is held in stock and has, on average, a shorter lead time.

Features :

- Excellent thermal performance
- Huge energy and maintenance savings
- Install as part of lamp replacement schedule
- Lockable rotating end cap for directionality
- CRI > 80
- Wide beam angle of 120 degrees

Applications :

Car parks, public entrances, subways, offices, sports facilities, sign lighting, schools, hospitals, decorative.

Product codes – *please choose your specifications*

Model	Product code
FIT T8 Double Sided	T8DS

Lamp / Power (W)	Product code	Length	Product code
15W	0015	600mm Long	060
17W	0017	900mm Long	090
20W	0020	1200mm Long	120
24W	0024	1500mm Long	150

These models come in specific lengths – please read across the table above.

Colour temperature	Product code
3000K	3
4000K	4
5500K	5
6500K	6

Control	Product code
Mains	M

Dimming	Product code
Fixed	F

Lens type	Product code
Clear	CL
Stripped	ST
Frosted	FR

Luminaire colour (RAL)	Product code
Not Applicable	NOTA

Product specifications

Operating Frequency (Hz)
100

Luminance Maintenance (40,000 Hrs)
70%

CRI
≥80

Rated Life (Hours)
50,000

INDO

Telephone: +44 (0)20 3051 1687 Email: info@indolighting.com Website: www.indolighting.com

INDO Products - Road Specifications

RD08

INDO code explained

RD08	H150	4	SE6	N	F	CP	7038
Model	Lamp / Power (W)	Colour Temperature	Mounting	Control	Dimming	Lens Type	Luminaire colour

Stocked product code

RD08 • H150 • 4 • SE6 • N • F • CP • 7038

This product code is held in stock and has, on average, a shorter lead time.

Features :

- Powder coated die cast aluminium housing.
- High purity anodised or vacuum coated aluminium reflector.
- Heat resistant.
- Instant strike, re-strike.
- Low lumen depreciation.
- Ambient temperature range -40ºC to +50ºC.

Applications :

Motorways, roads, car parks, public entrances, off-street areas, warehouses, tunnels, factories, sports facilities.

Product codes – *please choose your specifications*

Model	Product code	Lamp / Power (W)	Product code	Colour temperature	Product code	Mounting	Product code
ROAD 08	**RD08**	HALO:150W	**H150**	3000K	**3**	60mm Side Entry	**SE6**
				4000K	**4**		
				5000K	**5**		
				6500K	**6**		

Control	Product code	Dimming	Product code	Lens type	Product code	Luminaire colour (RAL)	Product code
Mains	**M**	Fixed	**F**	Curved Polycarbonate	**CP**	RAL7038 Agate Grey	**7038**
NEMA	**N**	Analogue (0-10V)	**A**				

Product specifications

Voltage
120-277

Ambient Temperature (ºC)
-20 ºC / +40 ºC

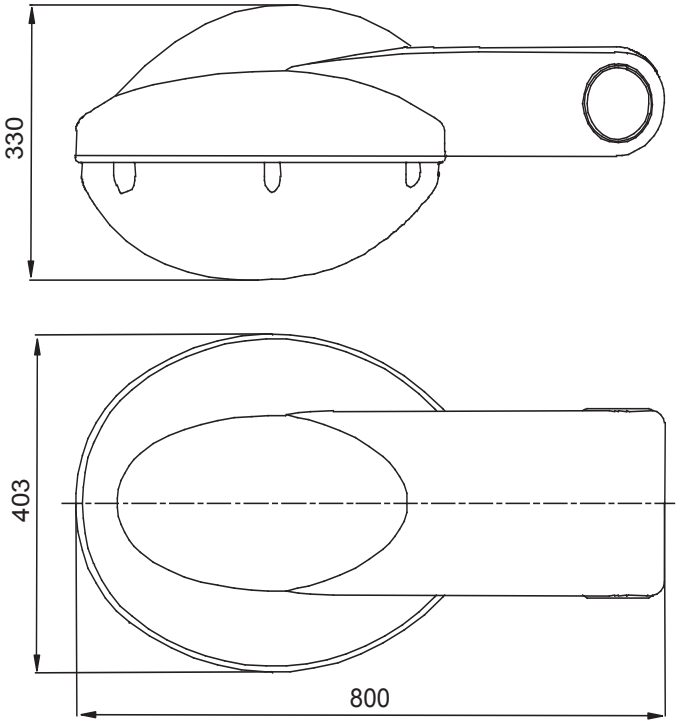
IP Class
IP 65 Optic /ballast

Weight (KG)
8

INDO Products - Road Specifications

Dimensions

Unit: mm



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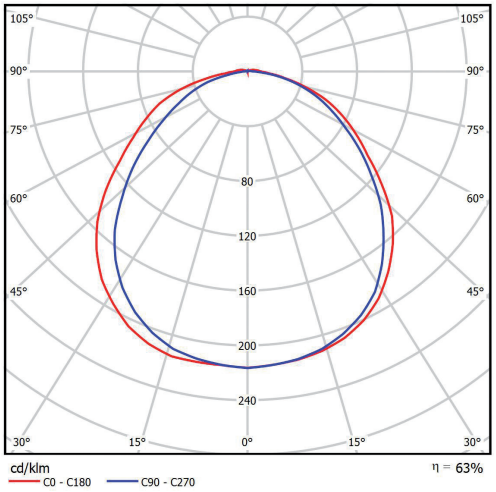


INDO Products - Road Specifications

RD09

INDO code explained

RD09	Q150	4	SE6	N	F	CG	7038
Model	Lamp / Power (W)	Colour Temperature	Mounting	Control	Dimming	Lens Type	Luminaire colour

Stocked product code

RD09 • Q150 • 4 • SE6 • N • F • CG • 7038

This product code is held in stock and has, on average, a shorter lead time.

Features :

- Electrostatically painted high-pressure die cast aluminium alloy.
- High purity anodised or vacuum coated aluminium reflector.
- Toughned glass or polycarbonate (PC) lens.
- IP65 rated.

Applications :

Motorways, roads, car parks, public entrances, off-street areas, street lighting, sports facilities.

Product codes – *please choose your specifications*

Model	Product code
RD09	**RD09**

Lamp / Power (W)	Product code
QUDO:80W	**Q080**
QUDO:100W	**Q100**
QUDO:120W	**Q120**
QUDO:150W	**Q150**
QUDO:200W ø54mm	**Q2LM**
QUDO:250W ø58mm	**Q25L**

Colour temperature	Product code
3000K	**3**
4000K	**4**
5000K	**5**
6500K	**6**

Mounting	Product code
60mm Side Entry	**SE6**

Control	Product code
Mains	**M**
NEMA	**N**

Dimming	Product code
Fixed	**F**
Analogue (0-10V)	**A**

Lens type	Product code
Curved Polycarbonate	**CP**
Flat Glass	**FG**
Curved Glass	**CG**

Luminaire colour (RAL)	Product code
RAL9017 Traffic Black	**9017**
RAL7038 Agate Grey	**7038**

Product specifications

Voltage (V)
120-277

Ambient Temperature (ºC)
-20 ºC / +40 ºC

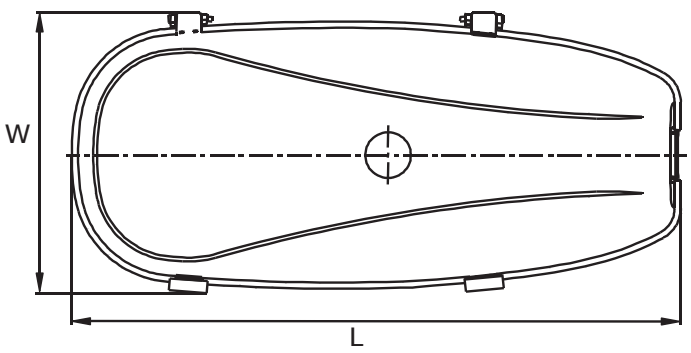
IP Class
IP 65 Optic /ballast

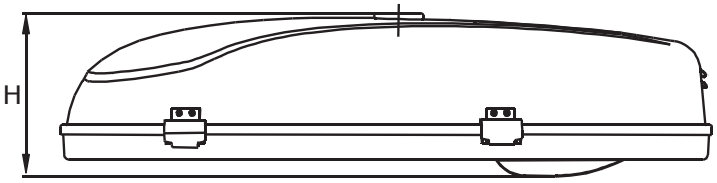
Wattage	Weight (KG)
<150	9.2
150<	14.7

INDO Products - Road Specifications

Dimensions

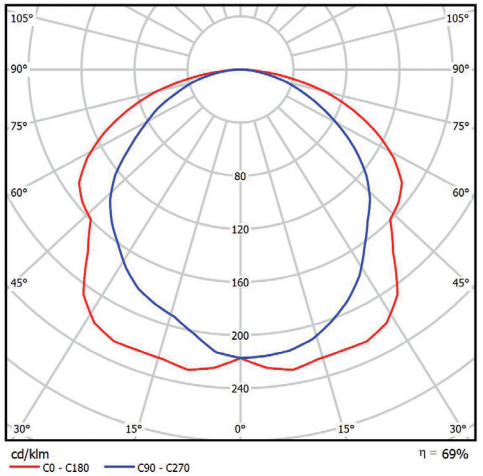
Unit: mm





Model	L	W	H
Q080 - Q150 (FG)	801	368	195
Q2LM - Q25L (FG)	1054	419	212
Q080 - Q150 (CP)	801	368	269
Q2LM - Q25L (CP)	1054	419	307

Photometry



Classic

INDO Products - Classic Specifications

CL06

INDO code explained

CL06	S085	4	PT7	N	F	FG	9017
Model	Lamp / Power (W)	Colour Temperature	Mounting	Control	Dimming	Lens Type	Luminaire colour

Stocked product code

CL06 • S085 • 4 • PT7 • N • F • FG • 9017

This product code is held in stock and has, on average, a shorter lead time.

Features :

- Powder coated aluminium alloy housing.
- Anodized aluminium reflector.
- Frosted glass.

Applications :

Parks, shopping centres, outlets, plazas, city halls, historic areas.

Product codes – *please choose your specifications*

Model	Product code
Classic 06	**CL06**

Lamp / Power (W)	Product code
SUDO:85W	**S085**

Colour temperature	Product code
3000K	**3**
4000K	**4**
5000K	**5**
6500K	**6**

Mounting	Product code
76mm Post Top	**PT7**

Control	Product code
Mains	**M**
NEMA	**N**

Dimming	Product code
Fixed	**F**
Analogue (0-10V)	**A**

Lens type	Product code
Flat Glass	**FG**

Luminaire colour (RAL)	Product code
RAL9017 Traffic Black	**9017**

Product specifications

Voltage (V)
120-277

Ambient Temperature (ºC)
-20 ºC / +40 ºC

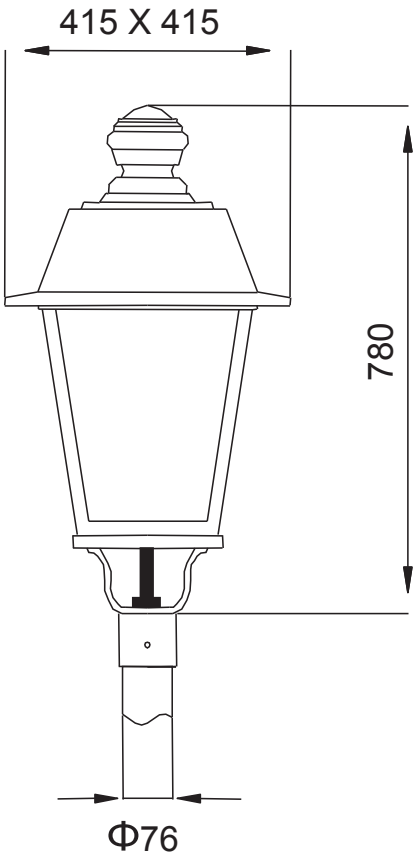
IP Class
IP43

Classic

INDO Products - Classic Specifications

Dimensions

Unit: mm



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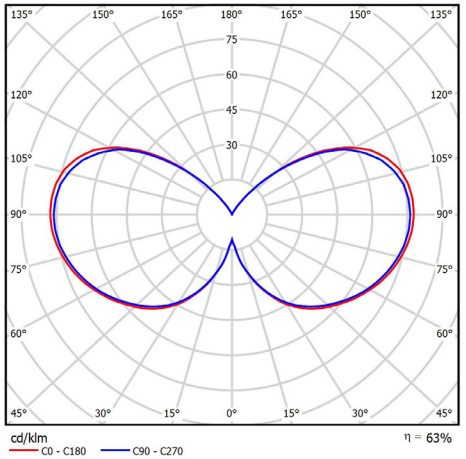


Classic

INDO Products - Classic Specifications

CL09

INDO code explained

CL09 • S085 • 4 • PT7 • N • F • PG • 6022

Model | Lamp / Power (W) | Colour Temperature | Mounting | Control | Dimming | Lens Type | Luminaire colour

Stocked product code

CL09 • S085 • 4 • PT7 • N • F • PG • 6022

This product code is held in stock and has, on average, a shorter lead time.

Features :

- Powder coated aluminium alloy housing.
- Prismatic glass lens.

Applications :

Parks, shopping centres, outlets, plazas, city halls, historic areas.

Product codes – *please choose your specifications*

Model	Product code
Classic 09	**CL09**

Lamp / Power (W)	Product code
SUDO:85W	**S085**

Colour temperature	Product code
3000K	**3**
4000K	**4**
5000K	**5**
6500K	**6**

Mounting	Product code
76mm Post Top	**PT7**

Control	Product code
Mains	**M**
NEMA	**N**

Dimming	Product code
Fixed	**F**
Analogue (0-10V)	**A**

Lens type	Product code
Prismatic Glass	**PG**

Luminaire colour (RAL)	Product code
RAL6022 Olive Drab	**6022**

Product specifications

Voltage (V)
120-277

Ambient Temperature (ºC)
-20 ºC / +40 ºC

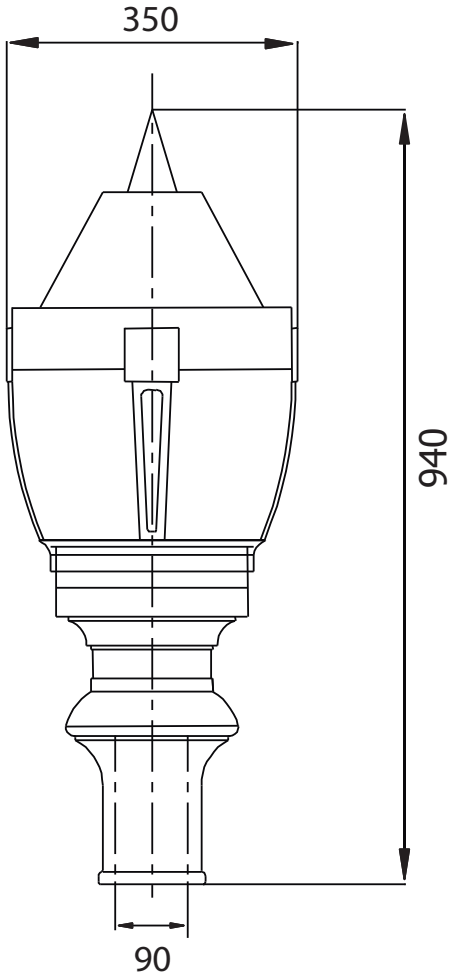
IP Class
IP43

Classic

INDO Products - Classic Specifications

Dimensions

Unit: mm



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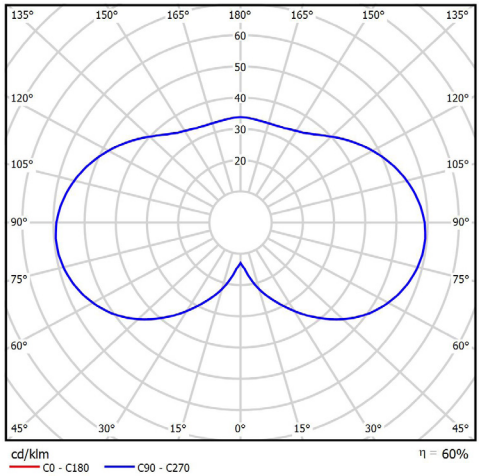

Contemporary

INDO Products - Contemporary Specifications

CN07

INDO code explained

CN07	H040	4	PT7	N	F	FR	7010
Model	Lamp / Power (W)	Colour Temperature	Mounting	Control	Dimming	Lens Type	Luminaire colour

Stocked product code

CN07 • H040 • 4 • PT7 • N • F • FR • 7010

This product code is held in stock and has, on average, a shorter lead time.

Features :

- PET coated high pressure die cast aluminium alloy housing.
- Heat resistant polycarbonate lens.

Applications :

Parks, shopping centres, outlets, plazas, city halls, historic areas.

Product codes – *please choose your specifications*

Model	Product code
Contemporary 07	CN07

Lamp / Power (W)	Product code
SUDO:35W	S035
HALO:40W	H040
HALO:55W	H055
SUDO:55W	S055
SUDO:85W	S085

Colour temperature	Product code
3000K	3
4000K	4
5000K	5
6500K	6

Mounting	Product code
76mm Post Top	PT7

Control	Product code
Mains	M
NEMA	N

Dimming	Product code
Fixed	F
1-10V	A

Lens type	Product code
Frosted	FR

Luminaire colour (RAL)	Product code
RAL7010 Tarpaulin Grey	7010

Product specifications

Voltage (V)
120-277

Ambient Temperature (ºC)
-20 ºC / +40 ºC

IP Class
IP54

Contemporary

INDO Products - Contemporary Specifications

CNGL

INDO code explained

CNGL • H055 • 4 • PT7 • N • F • FR • 9017

Model	Lamp / Power (W)	Colour Temperature	Mounting	Control	Dimming	Lens Type	Luminaire colour
CNGL	H055	4	PT7	N	F	FR	9017

Stocked product code

CNGL • H055 • 4 • PT7 • N • F • FR • 9017

This product code is held in stock and has, on average, a shorter lead time.

Features :

- Choice of UV stabilised polycarbonate or PMMA
- Diffuse, full spectrum light source
- Sturdy construction

Applications :

Parks, shopping centres, outlets, plazas, city halls, historic areas.

Product codes – *please choose your specifications*

Model	Product code
Contemporary Globe	CNGL

Lamp / Power (W)	Product code
SUDO:35W	S035
HALO:40W	H040
HALO:55W	H055
QL:55W	L055
SUDO:85W	S085
QL:85W	L085

Colour temperature	Product code
3000K	3
4000K	4
5000K	5
6500K	6

Mounting	Product code
60mm Post Top	PT6
76mm Post Top	PT7

Control	Product code
Mains	M
20mm Predrilled	C
10mm Predrilled	I

Dimming	Product code
Fixed	F
Analogue (0-10V)	A

Lens type	Product code
Frosted	FR
Clear	CL
Clear 50% Mask on Top	CT
Frosted 50% Mask on Top	FT

Luminaire colour (RAL)	Product code
RAL9017 Traffic Black	9017
RAL9022 Pearl Light Grey	9022

Product specifications

Voltage (V)
120-277

Ambient Temperature (ºC)
-20 ºC / +40 ºC

IP Class
IP65

High / Low bay

INDO Products - High / Low Bay Specifications

HBA1

INDO code explained

HBA1 • H200 • 5 • HOK • M • F • PP • NOTA

Model	Lamp / Power (W)	Colour Temperature	Mounting	Control	Dimming	Lens Type	Luminaire colour
HBA1	H200	5	HOK	M	F	PP	NOTA

Stocked product code

HBA1 • H200 • 5 • HOK • M • F • PP • NOTA

This product code is held in stock and has, on average, a shorter lead time.

Features :

- Die cast aluminium ballast casing with powder coated finish.
- Temperature resistant polycarbonate hood.
- Lined with inner reflector.

Applications :

Stadiums, workshops, warehouses, airports, railway stations, petrol stations, amusement parks, exhibition halls and supermarkets.

Product codes – *please choose your specifications*

Model	Product code
Highbay A1	HBA1

Lamp / Power (W)	Product code
HALO:40W	H040
HALO:70W	H070
HALO:80W	H080
HALO:100W	H100
HALO:120W	H120
HALO:150W	H150
HALO:200W	H200
HALO:250W	H250
HALO:300W	H300

Colour temperature	Product code
3000K	3
4000K	4
5000K	5
6500K	6

Mounting	Product code
Hook	HOK
Rod Mounted	RDM

Control	Product code
Mains	M

Dimming	Product code
Fixed	F
Analogue (0-10V)	A

Lens type	Product code
Prismatic Polycarbonate	PP

Luminaire colour (RAL)	Product code
N/A	NOTA

Product specifications

Voltage (V)
120-277

Ambient Temperature (°C)
-20 °C / +40 °C

IP Class
IP43

Wattage	Weight (Kg)
40W-200W	2.5 - 7.5
250W-300W	8.8

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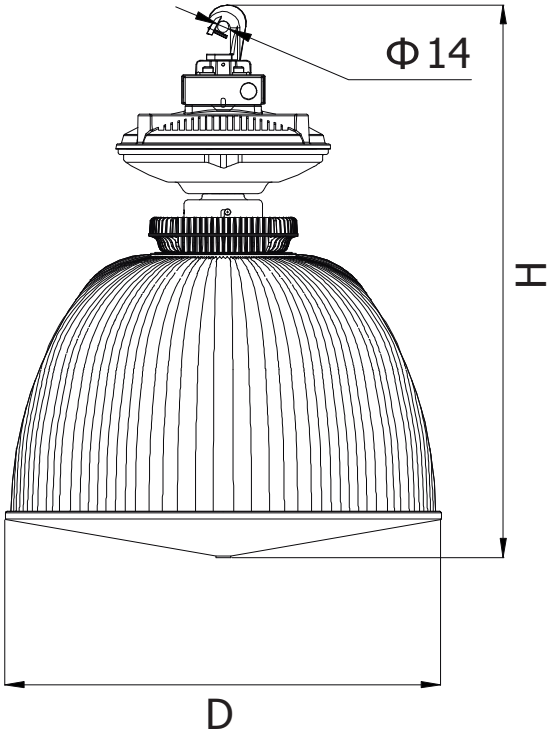
High / Low bay

INDO Products - High / Low Bay Specifications

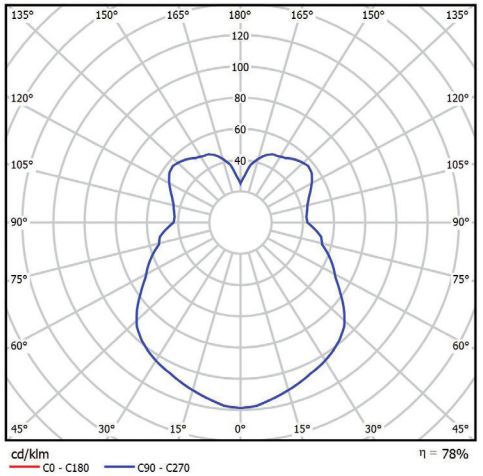
Dimensions

Unit: mm



Wattage	D	H	Note
40W	320	440	12″ PC
100W	410	600	16″ PC
150W	570	692	22″ PC
200W			
250W		704	
300W			

Photometry



High / Low bay

INDO Products - High / Low Bay Specifications

HBB1

INDO code explained

HBB1 • H200 • 5 • HOK • M • F • FG • NOTA

Model	Lamp / Power (W)	Colour Temperature	Mounting	Control	Dimming	Lens Type	Luminaire colour

Stocked product code

HBB1 • H200 • 5 • HOK • M • F • FG • NOTA

This product code is held in stock and has, on average, a shorter lead time.

Features :

- Die cast aluminium ballast casing with powder coated finish.
- High purity anodised or vacuum coated aluminium reflector.

Applications :

Stadiums, workshops, warehouses, airports, railway stations, petrol stations, amusement parks, exhibition halls and supermarkets.

Product codes – *please choose your specifications*

Model	Product code
Highbay B1	HBB1

Lamp / Power (W)	Product code
HALO:40W	H040
HALO:70W	H070
HALO:80W	H080
HALO:100W	H100
HALO:120W	H120
HALO:150W	H150
HALO:200W	H200
HALO:250W	H250
HALO:300W	H300

Colour temperature	Product code
3000K	3
4000K	4
5000K	5
6500K	6

Mounting	Product code
Hook	HOK
Rod Mounted	RDM

Control	Product code
Mains	M

Dimming	Product code
Fixed	F
Analogue (0-10V)	A

Lens type	Product code
Flat Polycarbonate	FP
Flat Glass	FG
Acrylic	AC

Luminaire colour (RAL)	Product code
N/A	NOTA

Product specifications

Voltage (V)
120-277

Ambient Temperature (°C)
0 °C / +40 °C
-20 °C / +40 °C

IP Class
IP43

Wattage	Weight (Kg)
40W-200W	2.5 - 7.5
250W-300W	8.8

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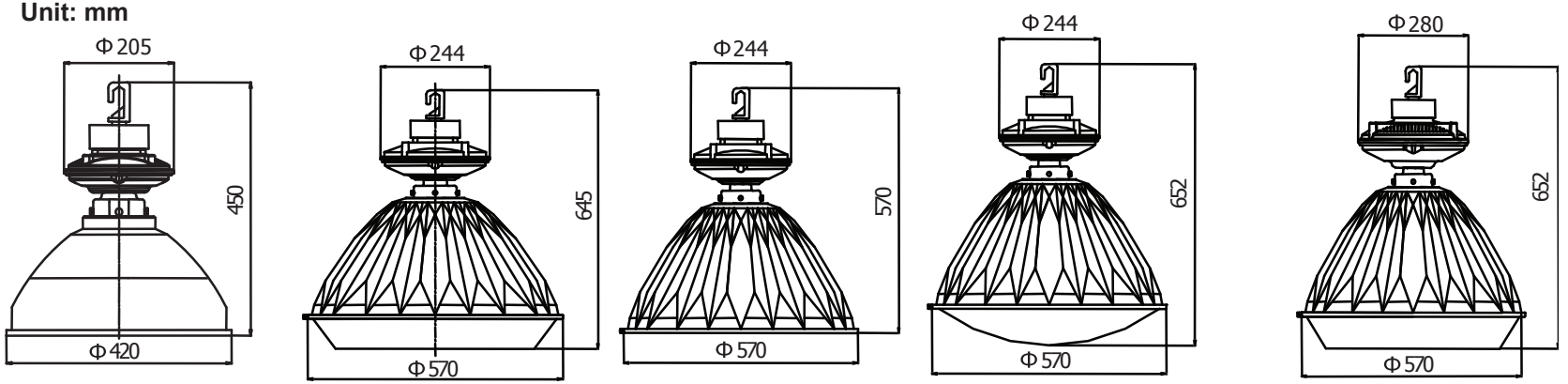
High / Low bay

INDO Products - High / Low Bay Specifications

Dimensions

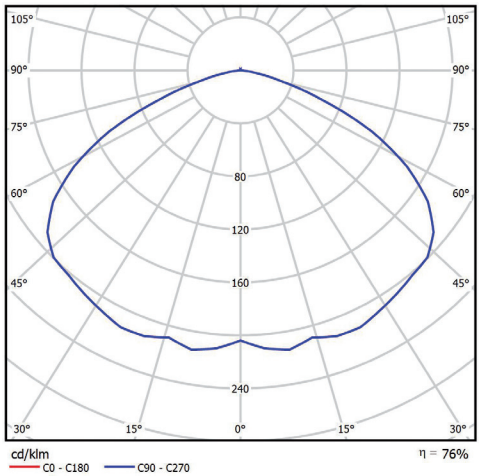
Unit: mm



70W - 100W (16" AL hood)

120W - 300W (22" AL hood)

Photometry



High / Low bay

INDO Products - High / Low Bay Specifications

HBC1

INDO code explained

HBC1 • H200 • 5 • HOK • M • F • FG • NOTA

Model	Lamp / Power (W)	Colour Temperature	Mounting	Control	Dimming	Lens Type	Luminaire colour
HBC1	H200	5	HOK	M	F	FG	NOTA

Stocked product code

HBC1 • H200 • 5 • HOK • M • F • FG • NOTA

This product code is held in stock and has, on average, a shorter lead time.

Features :

- Die cast aluminium ballast casing with powder coated finish.
- High purity anodised or vacuum coated aluminium reflector.

Applications :

Stadiums, workshops, warehouses, airports, railway stations, petrol stations, amusement parks, exhibition halls and supermarkets.

Product codes – *please choose your specifications*

Model	Product code
Highbay C1	HBC1

Lamp / Power (W)	Product code
HALO:70W	H070
HALO:80W	H080
HALO:100W	H100
HALO:120W	H120
HALO:150W	H150
HALO:200W	H200
HALO:250W	H250
HALO:300W	H300

Colour temperature	Product code
3000K	3
4000K	4
5000K	5
6500K	6

Mounting	Product code
Hook	HOK
Rod Mounted	RDM

Control	Product code
Mains	M

Dimming	Product code
Fixed	F
Analogue (0-10V)	A

Lens type	Product code
Curved Polycarbonate	CP
Acryllic	AC

Luminaire colour (RAL)	Product code
N/A	NOTA

Product specifications

Voltage (V)
120-277

Ambient Temperature (°C)
-20 °C / +40 °C

IP Class
IP43

Wattage	Weight (Kg)
40W-200W	2.5 - 7.5
250W-300W	8.8

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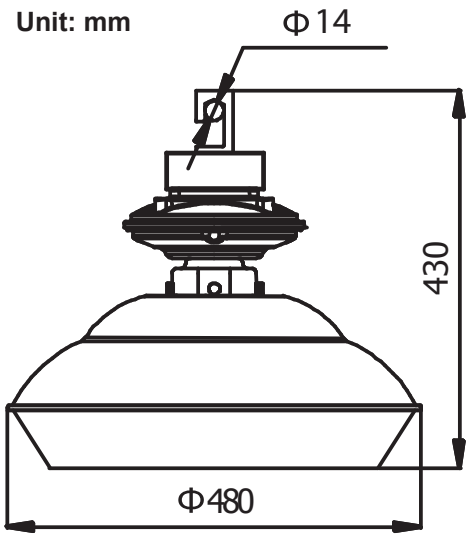
High / Low bay

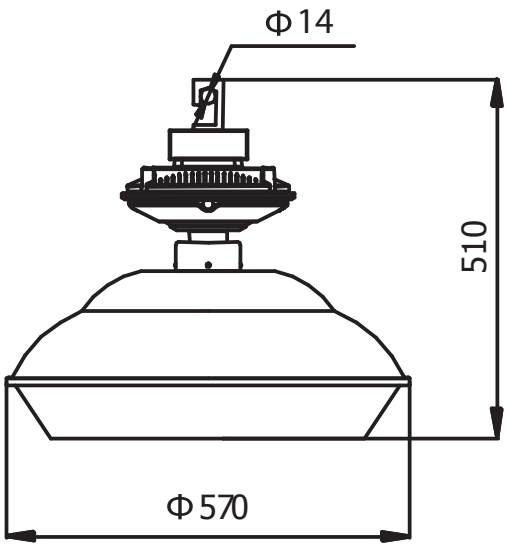
INDO Products - High / Low Bay Specifications

Dimensions

Unit: mm

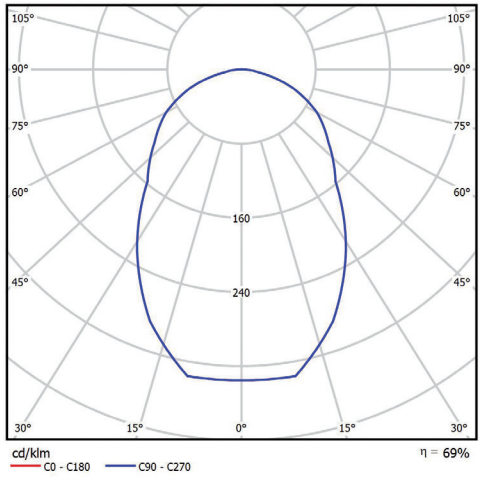


70W - 100W (19” AL hood)



120W - 300W (22” AL hood)

Photometry



High / Low bay

INDO Products - High / Low Bay Specifications

HBF1

INDO code explained

HBF1	H200	5	HOK	M	F	PP	NOTA
Model	Lamp / Power (W)	Colour Temperature	Mounting	Control	Dimming	Lens Type	Luminaire colour

Stocked product code

HBF1 • H200 • 5 • HOK • M • F • PP • NOTA

This product code is held in stock and has, on average, a shorter lead time.

Features :

- Die cast aluminium ballast casing with powder coated finish.
- Heat resistance polycarbonate lens.

Applications :

Stadiums, workshops, warehouses, airports, railway stations, petrol stations, amusement parks, exhibition halls and supermarkets.

Product codes – *please choose your specifications*

Model	Product code
Highbay F1	**HBF1**

Lamp / Power (W)	Product code
HALO:200W	**H200**
HALO:250W	**H250**
HALO:300W	**H300**

Colour temperature	Product code
3000K	**3**
4000K	**4**
5000K	**5**
6500K	**6**

Mounting	Product code
Hook	**HOK**
Rod Mounted	**RDM**

Control	Product code
Mains	**M**

Dimming	Product code
Fixed	**F**
Analogue (0-10V)	**A**

Lens type	Product code
Prismatic Polycarbonate	**PP**

Luminaire colour (RAL)	Product code
N/A	**NOTA**

Product specifications

Voltage (V)
120-277

Ambient Temperature (°C)
-20 °C / +40 °C

IP Class
IP43

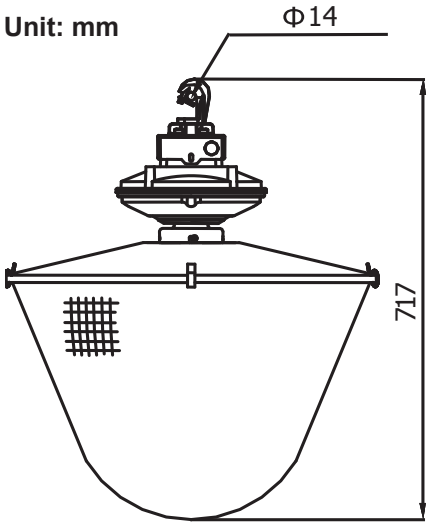
Wattage	Weight (Kg)
200W-300W	8.8

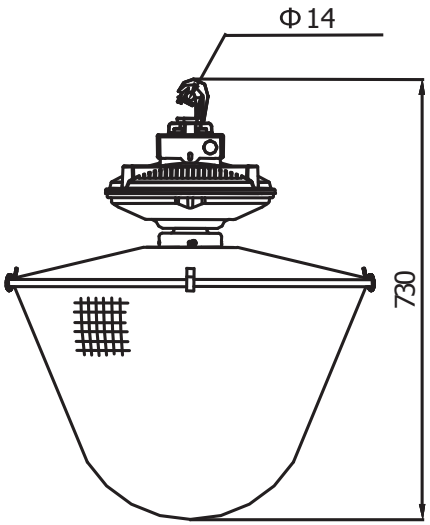
High / Low bay

INDO Products - High / Low Bay Specifications

Dimensions

Unit: mm





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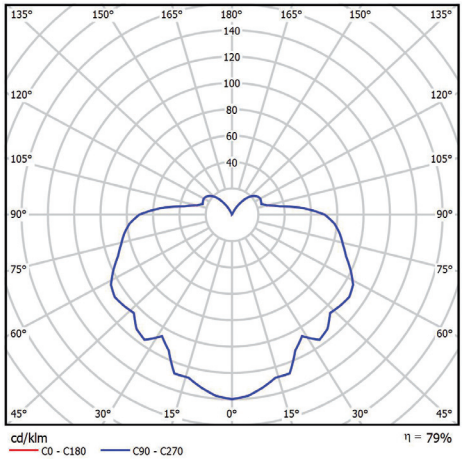


High / Low bay

INDO Products - High / Low Bay Specifications

HBG1

INDO code explained

HBG1	H300	5	HOK	M	F	AC	NOTA
Model	Lamp / Power (W)	Colour Temperature	Mounting	Control	Dimming	Lens Type	Luminaire colour

Stocked product code

HBG1 • H300 • 5 • HOK • M • F • AC • NOTA

This product code is held in stock and has, on average, a shorter lead time.

Features :

- Die cast aluminium ballast casing with powder coated finish.
- High purity aluminium reflector.

Applications :

Stadiums, workshops, warehouses, airports, railway stations, petrol stations, amusement parks, exhibition halls and supermarkets.

Product codes – *please choose your specifications*

Model	Product code
Highbay G1	**HBG1**

Lamp / Power (W)	Product code
HALO:250W	**H250**
HALO:300W	**H300**
HALO:400W	**H400**
HALO:500W	**H500**

Colour temperature	Product code
3000K	**3**
4000K	**4**
5000K	**5**
6500K	**6**

Mounting	Product code
Hook	**HOK**
Rod Mounted	**RDM**

Control	Product code
Mains	**M**

Dimming	Product code
Fixed	**F**
Analogue (0-10V)	**A**

Lens type	Product code
Acryllic	**AC**

Luminaire colour (RAL)	Product code
N/A	**NOTA**

Product specifications

Voltage (V)
120-277

Ambient Temperature (°C)
-20 °C / +40 °C

IP Class
IP43

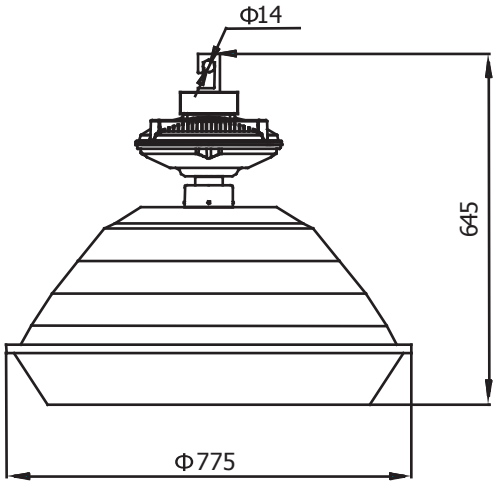
Weight (Kg)
10.4

High / Low bay

INDO Products - High / Low Bay Specifications

Dimensions

Unit: mm



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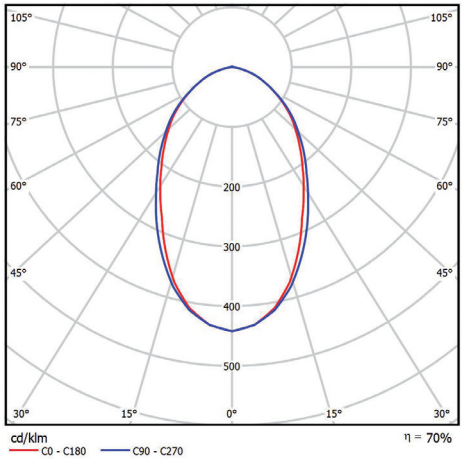

High / Low bay

INDO Products - High / Low Bay Specifications

HBH1

INDO code explained

HBH1 • Q4LM • 5 • LBD • M • F • NL • NOTA

Model	Lamp / Power (W)	Colour Temperature	Mounting	Control	Dimming	Lens Type	Luminaire colour

Stocked product code

HBH1 • Q4LM • 5 • LBD • M • F • NL • NOTA

This product code is held in stock and has, on average, a shorter lead time.

Features :

- Powder coated aluminium casing.
- Highly polished aluminium plate reflector.

Applications :

Warehouses, supermarkets, retail showrooms, exhibition halls and factories.

Product codes – *please choose your specifications*

Model	Product code
Highbay H1	HBH1

Lamp / Power (W)	Product code
QUDO:400W ø54mm	Q4LM
QUDO:400W ø58mm	Q4LL

Colour temperature	Product code
3000K	3
4000K	4
5000K	5
6500K	6

Mounting	Product code
L Bracket: Up Lighting	LBU
L Bracket: Down Lighting	LBD
Rod Mounted	RDM

Control	Product code
Mains	M

Dimming	Product code
Fixed	F

Lens type	Product code
No Lens	NL

Luminaire colour (RAL)	Product code
N/A	NOTA

Product specifications

Voltage (V)
120-277

Ambient Temperature (ºC)
-20 ºC / +40 ºC

IP Class
IP43

Wattage	Weight (Kg)
Q4LL	8.0
Q4LM	10.6

Lamp Options
Φ54 / Φ58

INDO

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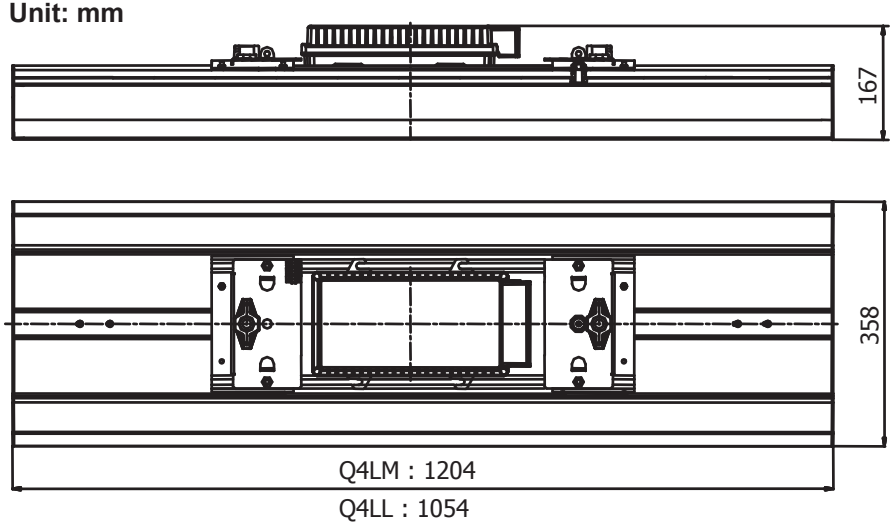
High / Low bay

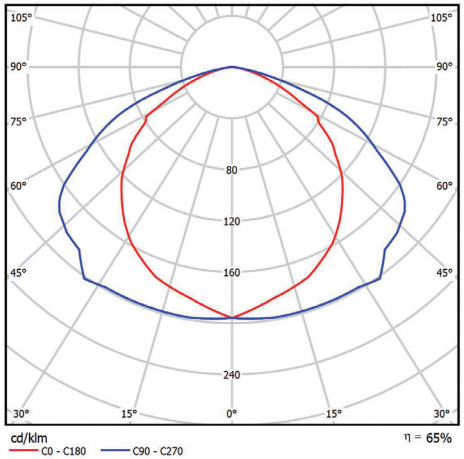
INDO Products - High / Low Bay Specifications

Dimensions

Unit: mm



Photometry



High / Low bay

INDO Products - High / Low Bay Specifications

HBI1

INDO code explained

HBI1 • H200 • 5 • HOK • M • F • FG • NOTA

Model	Lamp / Power (W)	Colour Temperature	Mounting	Control	Dimming	Lens Type	Luminaire colour

Stocked product code

HBI1 • H200 • 5 • HOK • M • F • FG • NOTA

This product code is held in stock and has, on average, a shorter lead time.

Features :

- Strong die cast aluminium housing with powder coating offering excellent corrosion resistance
- Swival clip waterproof design. Quick connection and disconnection of gear and lamp compartment for easy installation and maintenance
- Split wiring box for wiring assembly without opening the ballast compartment
- Supplied with safety chain

Applications :

Sports stadium, workshop, warehouse, airport, port station, entertainment field, exhibition hall, supermarket and other public area.

Product codes – *please choose your specifications*

Model	Product code
Highbay I1	**HBI1**

Lamp / Power (W)	Product code
HALO:100W	**H100**
HALO:120W	**H120**
HALO:150W	**H150**
HALO:200W	**H200**

Colour temperature	Product code
3000K	**3**
4000K	**4**
5000K	**5**
6500K	**6**

Mounting	Product code
Hook	**HOK**
Rod Mounted	**RDM**

Control	Product code
Mains	**M**

Dimming	Product code
Fixed	**F**
Analogue (0-10V)	**A**

Lens type	Product code
Flat Glass	**FG**

Luminaire colour (RAL)	Product code
N/A	**NOTA**

Product specifications

Voltage (V)
120-277

Ambient Temperature (ºC)
-20 ºC / +40 ºC

IP Class
IP65

INDO

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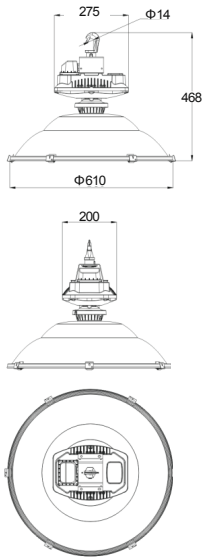
High / Low bay

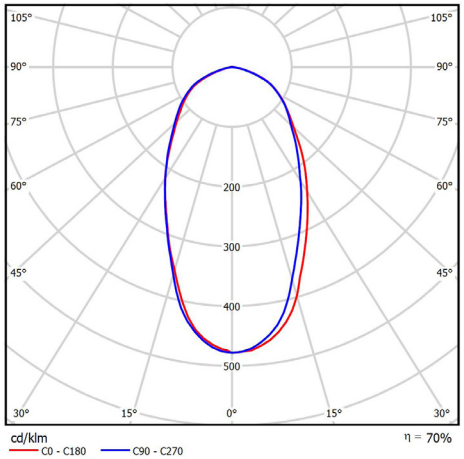
INDO Products - High / Low Bay Specifications

Dimensions

Unit: mm



Photometry



Hazardous

INDO Products - Harzardous Specifications

HZ04

INDO code explained

HZ04 • Q150 • 5 • SMD • M • F • CP • 7038

Model	Lamp / Power (W)	Colour Temperature	Mounting	Control	Dimming	Lens Type	Luminaire colour
HZ04	Q150	5	SMD	M	F	CP	7038

Stocked product code

HZ04 • Q150 • 5 • SMD • M • F • CP • 7038

This product code is held in stock and has, on average, a shorter lead time.

Features :

- Atex Zone 2 rated: Ex II 3 GD
- Powder coated die cast aluminium case
- Toughed glass or polycarbonate lens

Applications :

Car parks, petrol stations, schools, shopping centres.

Product codes – *please choose your specifications*

Model	Product code
Hazardous 04	HZ04

Lamp / Power (W)	Product code
QUDO:35W ø38mm	QC35
QUDO:40W ø38mm	QL4C
QUDO:55W ø42mm	Q055
QUDO:70W ø54mm	Q070
QUDO:80W ø54mm	Q080
QUDO:100W ø54mm	Q100
QUDO:150W ø54mm	Q150

Colour temperature	Product code
3000K	3
4000K	4
5000K	5
6500K	6

Mounting	Product code
Surface Mount: Down Lighting	SMD

Control	Product code
Mains	M

Dimming	Product code
Fixed	F
Analogue (0-10V)	A

Lens type	Product code
Curved Polycarbonate	CP
Curved Glass	CG

Luminaire colour (RAL)	Product code
RAL7038 Agate Grey	7038

Product specifications

Voltage (V)
120-277

Ambient Temperature (ºC)
-20 ºC / +40 ºC

IP Class
IP65

Lens	Weight (Kg)
CP	6.4
CG	7.5

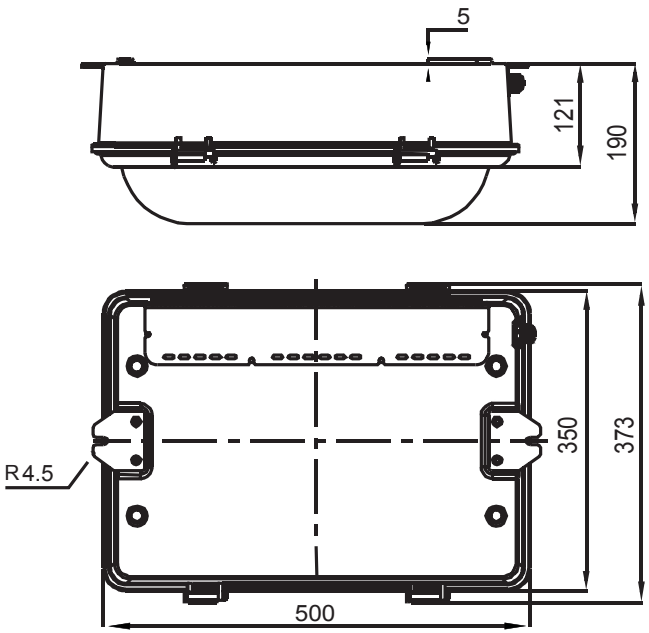
Hazardous

INDO Products - Harzardous Specifications

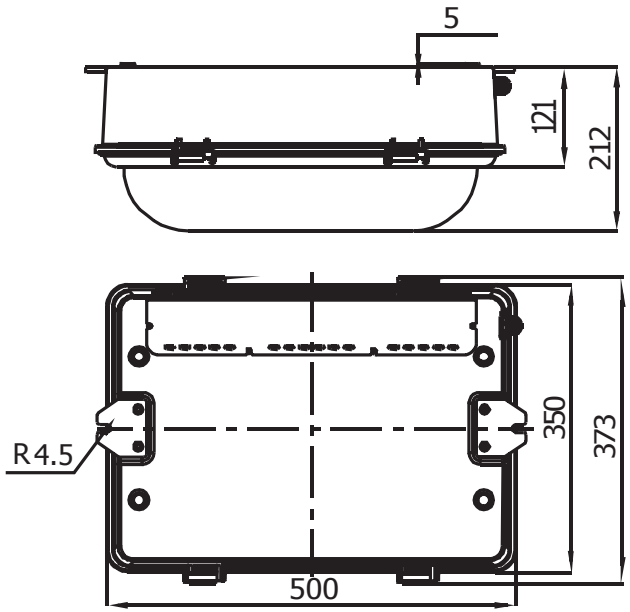
Dimensions

Unit: mm

Glass Lens:

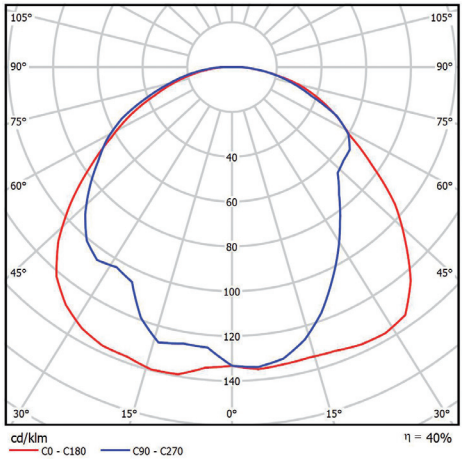


Polycarbonate Lens:



40W~150W

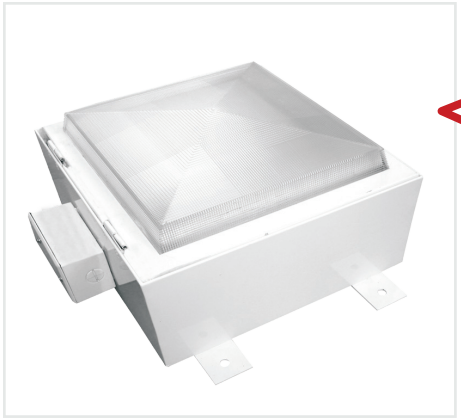
Photometry



Hazardous

INDO Products - Harzardous Specifications

HZ06



INDO code explained

HZ06	S085	5	SMD	M	F	CP	9016
Model	Lamp / Power (W)	Colour Temperature	Mounting	Control	Dimming	Lens Type	Luminaire colour

Stocked product code

HZ06 • S085 • 5 • SMD • M • F • CP • 9016

This product code is held in stock and has, on average, a shorter lead time.

Features :

- Powder coated die cast aluminium case.
- Heat resistant polycarbonate lens.

Applications :

Freezers, car parks, petrol stations, schools, shopping centres.

Product codes – *please choose your specifications*

Model	Product code
Hazardous 06	**HZ06**

Lamp / Power (W)	Product code
SUDO:85W	**S085**

Colour temperature	Product code
3000K	**3**
4000K	**4**
5000K	**5**
6500K	**6**

Mounting	Product code
Surface Mount: Down Lighting	**SMD**

Control	Product code
Mains	**M**

Dimming	Product code
Fixed	**F**

Lens type	Product code
Curved Polycarbonate	**CP**

Luminaire colour (RAL)	Product code
RAL9016 White	**9016**

Product specifications

Voltage (V)
120-277

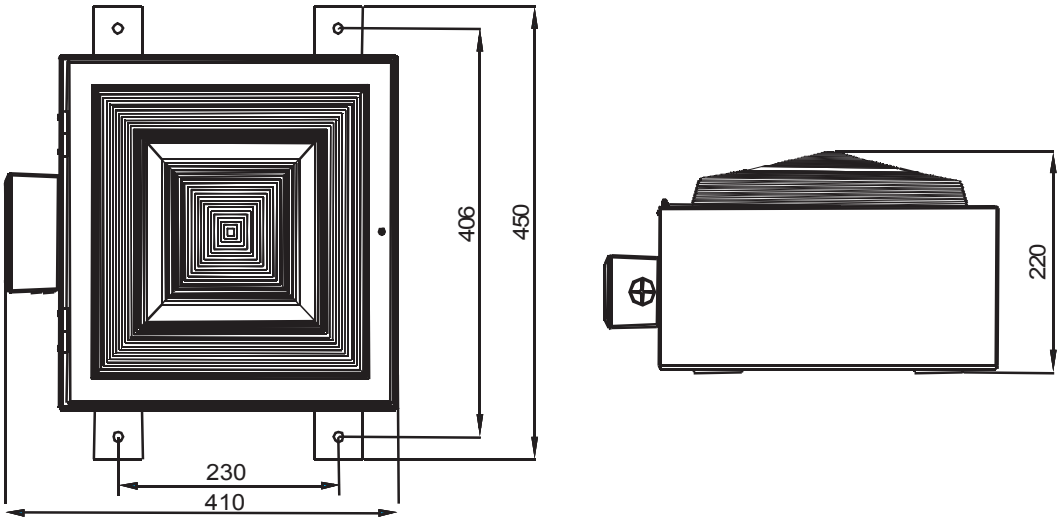
Ambient Temperature (ºC)
-40 ºC / 0 ºC

IP Class
IP43

Wattage	Weight
<	XXXX
>	XXXX

Dimensions

Unit: mm



Hazardous

INDO Products - Harzardous Specifications

HZ07

INDO code explained

HZ07	H080	5	SMD	M	F	CG	7038
Model	Lamp / Power (W)	Colour Temperature	Mounting	Control	Dimming	Lens Type	Luminaire colour

Stocked product code

HZ07 • H080 • 5 • SMD • M • F • CG • 7038

This product code is held in stock and has, on average, a shorter lead time.

Features :

- Die cast aluminium housing with powder coated for corrosion resistance.
- Lamp compartment fastened by eyelet bolt for easy maintenance.
- Prismatic tempered glass lens.

Applications :

Power generator station, steel work, water treatment plant and building.

Product codes – *please choose your specifications*

Model	Product code
Hazardous 07	HZ07

Lamp / Power (W)	Product code
HALO:40W	H040
HALO:55W	H055
HALO:70W	H070
HALO:80W	H080

Colour temperature	Product code
3000K	3
4000K	4
5000K	5
6500K	6

Mounting	Product code
Surface Mount: Down Lighting	SMD

Control	Product code
Mains	M

Dimming	Product code
Fixed	F
Analogue (0-10V)	A

Lens type	Product code
Curved Glass	CG

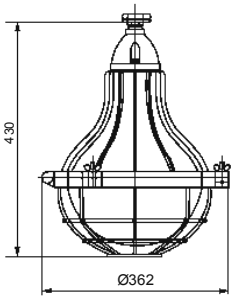
Luminaire colour (RAL)	Product code
RAL7038 Agate Grey	7038

Product specifications

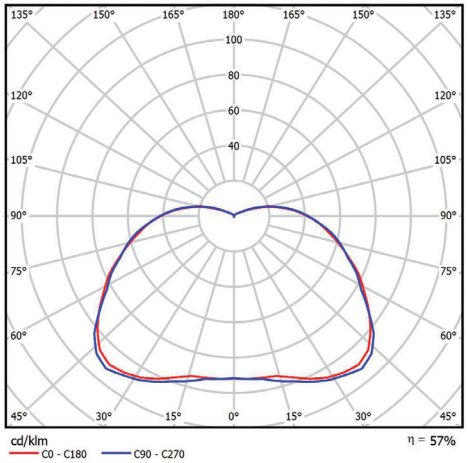
Voltage (V)
120-277
Ambient Temperature (ºC)
-20 ºC / +40 ºC
IP Class
IP65
Weight (Kg)
6.8
Cable Specification
Φ10 - Φ14mm

Dimensions

Unit: mm



Photometry



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INDO Products - Interior Specifications

IN01

INDO code explained

IN01 • S055 • 4 • REC • M • F • NL • NOTA

Model	Lamp / Power (W)	Colour Temperature	Mounting	Control	Dimming	Lens Type	Luminaire colour

Stocked product code

IN01 • S055 • 4 • REC • M • F • NL • NOTA

This product code is held in stock and has, on average, a shorter lead time.

Features :

- Steel housing with powder coated finish for corrosion resistance and durable use.
- Hydroformed aluminium reflector for good lighting distribution and anti-glare.
- Spring steel fastening design for convenient installation and maintenance.

Applications :

Hotel, shopping mall, supermarket, museum, airport, station, office.

Product codes – *please choose your specifications*

Model	Product code
Interior 01	IN01

Lamp / Power (W)	Product code
SUDO:12W	S012
SUDO:15W	S015
SUDO:18W	S018
SUDO: 20W	S020
SUDO: 23W	S023
SUDO: 35W	S035
SUDO: 55W	S055
SUDO: 85W	S085

Colour temperature	Product code
3000K	3
4000K	4
5000K	5
6500K	6

Mounting	Product code
Recessed	REC

Control	Product code
Mains	M

Dimming	Product code
Fixed	F
Analogue (0-10V)	A

Lens type	Product code
No Lens	NL

Luminaire colour (RAL)	Product code
N/A	NOTA

Product specifications

Voltage (V)
120-277

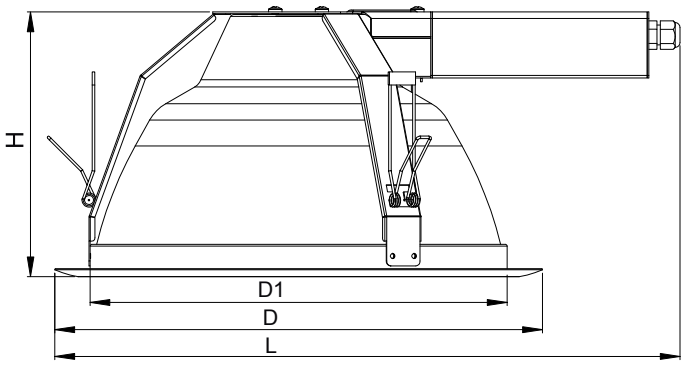
Ambient Temperature (ºC)
0 ºC / +40 ºC

Wattage (W)	Weight (Kg)
<15	0.87
18 - 23	0.98
35	1.85
55	1.92
85	2.12

INDO Products - Interior Specifications

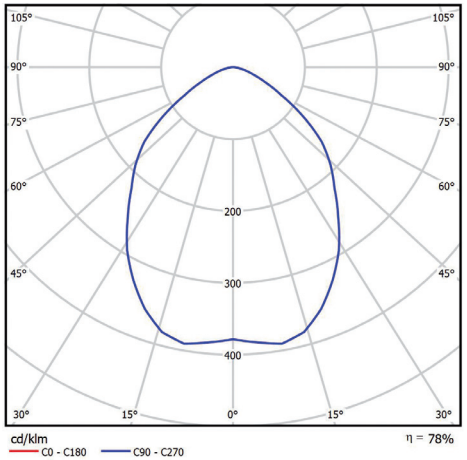
Dimensions

Unit: mm



Wattage	D (mm)	D1 (mm)	H (mm)	L (mm)	Perforated Dimension
12W	193	153	110	269	175
15W					
18W	243	203	123	293	225
23W					
35W	295	254	163	378	270
55W					
85W				403	

Photometry



INDO Products - Interior Specifications

IN02

INDO code explained

IN02 • S055 • 4 • SMD • M • F • NL • 9017

Model	Lamp / Power (W)	Colour Temperature	Mounting	Control	Dimming	Lens Type	Luminaire colour
IN02	S055	4	SMD	M	F	NL	9017

Stocked product code

IN02 • S055 • 4 • SMD • M • F • NL • 9017

This product code is held in stock and has, on average, a shorter lead time.

Features :

- Steel housing with powder coated finish for enhanced corrosion resistance and durability
- Hydroformed aluminium reflector for good light distribution

Applications :

Hotel, shopping mall, exhibition hall, supermarket, museum.

Product codes – *please choose your specifications*

Model	Product code
Interior 02	IN02

Lamp / Power (W)	Product code
SUDO:12W	S012
SUDO:15W	S015
SUDO:18W	S018
SUDO: 20W	S020
SUDO: 23W	S023
SUDO: 35W	S035
SUDO: 55W	S055

Colour temperature	Product code
3000K	3
4000K	4
5000K	5
6500K	6

Mounting	Product code
Surface Mount: Down Lighting	SMD
Rod Mounted	RDM

Control	Product code
Mains	M

Dimming	Product code
Fixed	F
Analogue (0-10V)	A

Lens type	Product code
No Lens	NL

Luminaire colour (RAL)	Product code
RAL9017 Traffic Black	9017

Product specifications

Voltage (V)
120-277

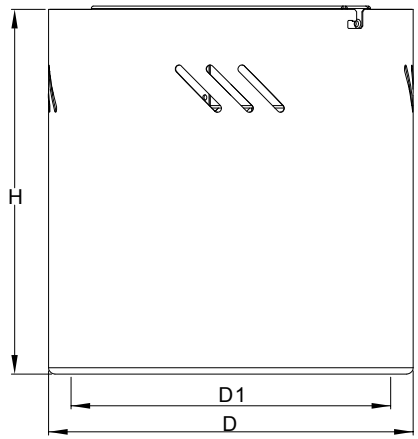
Ambient Temperature (ºC)
0 ºC / +40 ºC

Wattage (W)	Weight (Kg)
<35	1.6
35	2.42
55	2.5

INDO Products - Interior Specifications

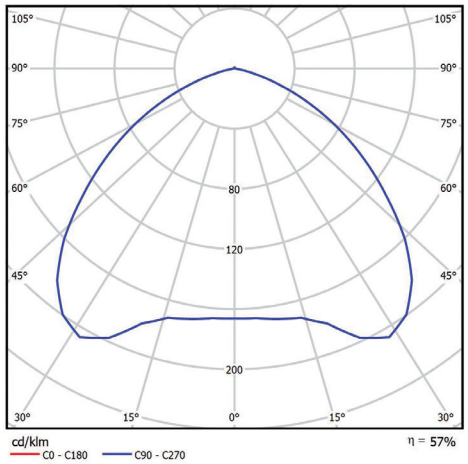
Dimensions

Unit: mm



Wattage	D (mm)	D1 (mm)	H (mm)
12W	195	153	187
23W			
35W	230	188	232
55W			

Photometry



INDO Products - Interior Specifications

INCP

INDO code explained

INCP	0042	5	6X6	M	F	NL	NOTA
Model	Lamp / Power (W)	Colour Temperature	Dimensions	Control	Dimming	Lens Type	Luminaire colour

Stocked product code

INCP • 0042 • 5 • 6X6 • M • F • NL • NOTA

This product code is held in stock and has, on average, a shorter lead time.

Product codes – *please choose your specifications*

Model	Product code
INCP	**IN03**

Colour temperature	Product code
3000K	**3**
4000K	**4**
5000K	**5**
6500K	**6**

Lamp / Power (W)	Product code	Dimensions (mm)	Product code
22	**22W**	30 x 30cm Area	**30X**
		60 x 30cm Area	**6X3**
42	**42W**	60 x 60cm Area	**60X**
		62 x 62cm Area	**62x**
60	**60W**	120 x 30cm Area	**123**
83	**83W**	120 x 60cm Area	**126**

These powers come in specific sizes – please read across the table above.

Product specifications

Voltage (V)
85-265

Ambient Temperature (ºC)
0 ºC / +40 ºC

IP Class
IP44

Features :

- Uniform light output.
- No dark zone, no black/white spot.
- Low decay with 0.5% in 10,000H
- Excellent thermal management using SAMSUNG LEDs
- High efficiency MEANWELL driver >86%
- High heat dissipation factor >1.5

Applications :

Hotel, shopping mall, exhibition hall, supermarket, museum.

Control	Product code
Mains	**M**

Dimming	Product code
Fixed	**F**
Analogue (0-10V)	**A**

Lens type	Product code
No Lens	**NL**

Luminaire colour (RAL)	Product code
N/A	**NOTA**

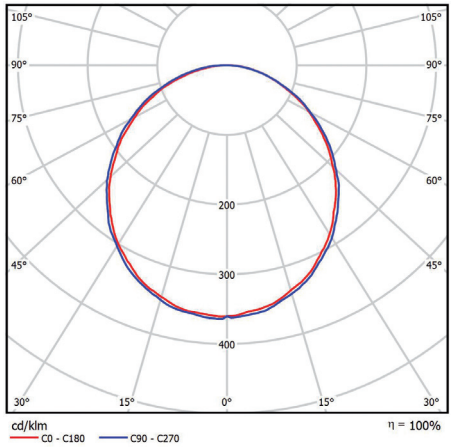
Interior

INDO Products - Interior Specifications

Dimensions

Wattage (W)	Size (mm)	Lm/W	LEDs(pcs)
22	300 x 300	68	60
22	600 x 300	68	60
42	600 x 600	80	96
60	600 x 600	80	108
42	620 x 620	80	96
56	620 x 620	80	108
42	1200 x 300	72	96
83	1200 x 600	70	192

Photometry



Facilities

INDO Products - Facilities Specifications

FCA4

INDO code explained

FCA4 • Q100 • 5 • SMD • M • F • PG • 9017

Model	Lamp / Power (W)	Colour Temperature	Mounting	Control	Dimming	Lens Type	Luminaire colour

Stocked product code

FCA4 • Q100 • 5 • SMD • M • F • PG • 9017

This product code is held in stock and has, on average, a shorter lead time.

Features :

- Powder coated die cast aluminium casing.
- Anodized aluminium reflector and prismatic glass lens.
- IP54 rated.

Applications :

Parks, shopping centres, outlets, plazas, city halls, historic areas.

Product codes – *please choose your specifications*

Model	Product code
Facilities Bulk Head 4	FCA4

Lamp / Power (W)	Product code
QUDO:40W ø38mm	QL4C
QUDO:55W	Q055
QUDO:70W	Q070
QUDO:80W	Q080
QUDO:100W	Q100

Colour temperature	Product code
3000K	3
4000K	4
5000K	5
6500K	6

Mounting	Product code
Surface Mount: Down Lighting	SMD

Control	Product code
Mains	M
NEMA	N

Dimming	Product code
Fixed	F
Analogue (0-10V)	A

Lens type	Product code
Prismatic Glass	PG

Luminaire colour (RAL)	Product code
RAL9017 Traffic Black	9017

Product specifications

Voltage (V)
120-277

Ambient Temperature (ºC)
-20 ºC / +40 ºC

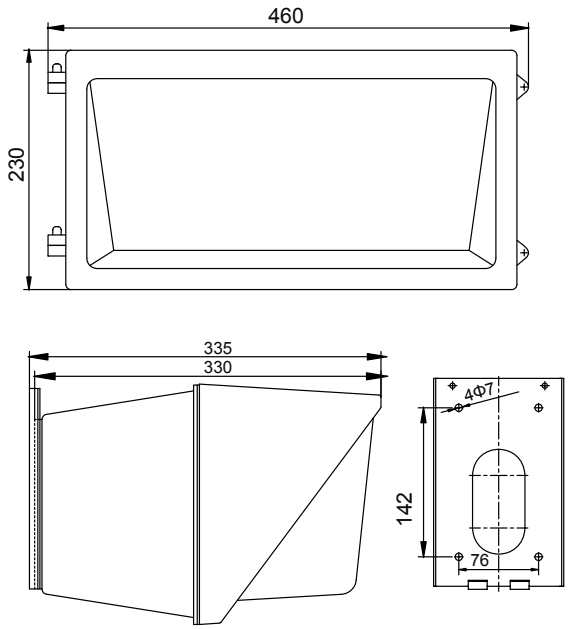
IP Class
IP54

Facilities

INDO Products - Facilities Specifications

Dimensions

Unit: mm



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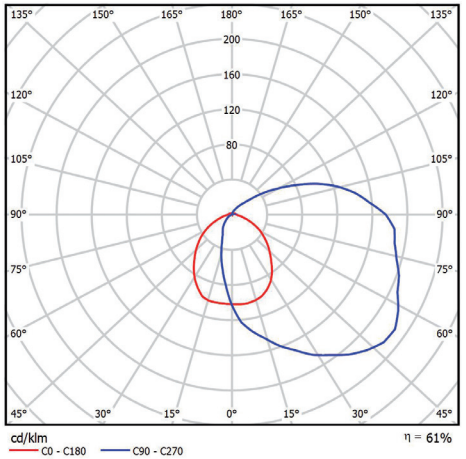

Facilities

INDO Products - Facilities Specifications

FCA5

INDO code explained

FCA5 • Q100 • 5 • SMD • M • F • FG • 9017

Model	Lamp / Power (W)	Colour Temperature	Mounting	Control	Dimming	Lens Type	Luminaire colour

Stocked product code

FCA5 • Q100 • 5 • SMD • M • F • FG • 9017

This product code is held in stock and has, on average, a shorter lead time.

Features :

- Die cast aluminum housing with powder coated finish for corrosion resistance.
- Anodized aluminum reflector and tempered glass lens.
- Gas tight silicone rubber sealing.

Applications :

Park, shopping mall, outlet, plaza, city hall, historical area.

Product codes – *please choose your specifications*

Model	Product code
Facilities Bulk Head 5	FCA5

Lamp / Power (W)	Product code
QUDO:40W ø38mm	QL4C
QUDO:55W	Q055
QUDO:70W	Q070
QUDO:80W	Q080
QUDO:100W	Q100

Colour temperature	Product code
3000K	3
4000K	4
5000K	5
6500K	6

Mounting	Product code
Surface Mount: Down Lighting	SMD

Control	Product code
Mains	M
NEMA	N

Dimming	Product code
Fixed	F
Analogue (0-10V)	A

Lens type	Product code
Flat Glass	FG

Luminaire colour (RAL)	Product code
RAL9017 Traffic Black	9017

Product specifications

Voltage (V)
120-277
Ambient Temperature (ºC)
-20 ºC / +40 ºC
IP Class
IP54
Package size (LxWxH) mm
520 x 280 x 495
Net weight (Kg)
8.5

INDO

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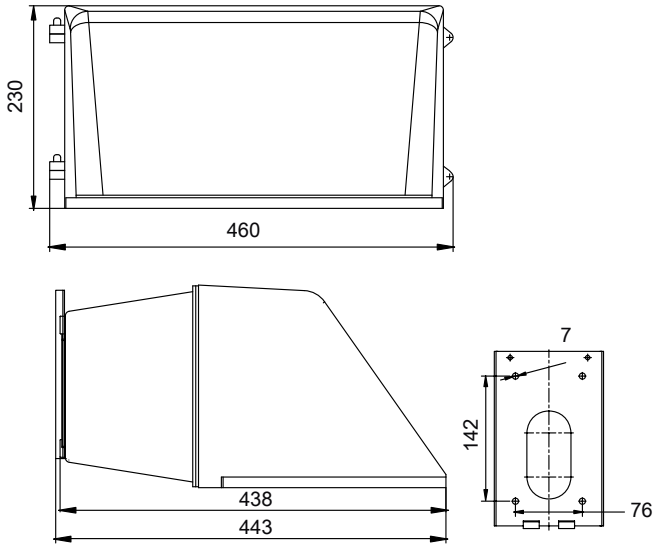
Facilities

INDO Products - Facilities Specifications

Dimensions

Unit: inches (mm)



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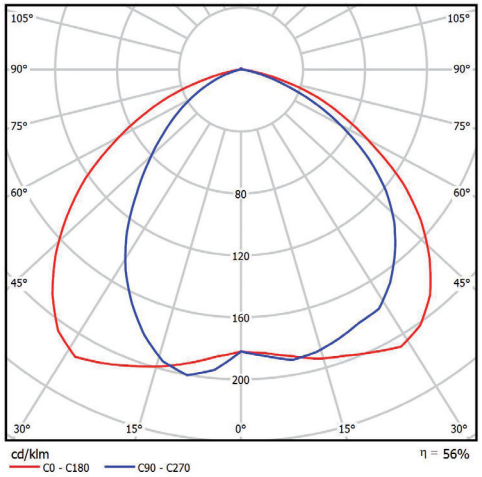


Facilities

INDO Products - Facilities Specifications

FCA6

INDO code explained

FCA6	Q055	5	SMD	M	F	PP	9017
Model	Lamp / Power (W)	Colour Temperature	Mounting	Control	Dimming	Lens Type	Luminaire colour

Stocked product code

FCA6 • Q055 • 5 • SMD • M • F • PP • 9017

This product code is held in stock and has, on average, a shorter lead time.

Features :

- Powder coated aluminium alloy housing
- Heat resistant polycarbonate lens
- Anodized or vacuum coated aluminium reflector

Applications :

Car parks, plazas, shopping centres, tennis courts.

Product codes – *please choose your specifications*

Model	Product code
Facilities Bulk Head 6	FCA6

Lamp / Power (W)	Product code
QUDO:40W ø38mm	QL4C
QUDO:55W	Q055

Colour temperature	Product code
3000K	3
4000K	4
5000K	5
6500K	6

Mounting	Product code
Surface Mount: Down Lighting	SMD

Control	Product code
Mains	M
NEMA	N

Dimming	Product code
Fixed	F
Analogue (0-10V)	A

Lens type	Product code
Prismatic Polycarbonate	PP

Luminaire colour (RAL)	Product code
RAL9017 Traffic Black	9017

Product specifications

Voltage (V)
120-277

Ambient Temperature (ºC)
-20 ºC / +40 ºC

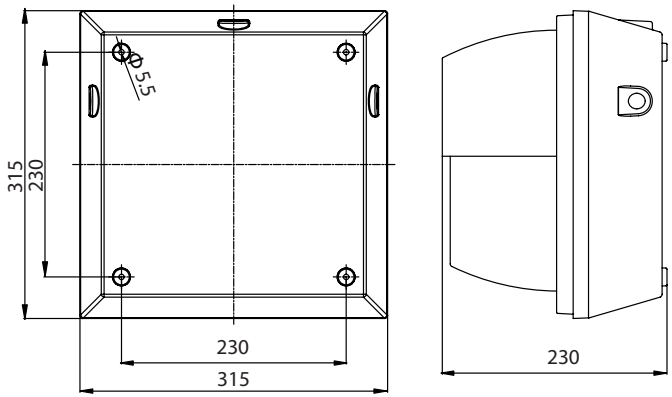
IP Class
IP54

Facilities

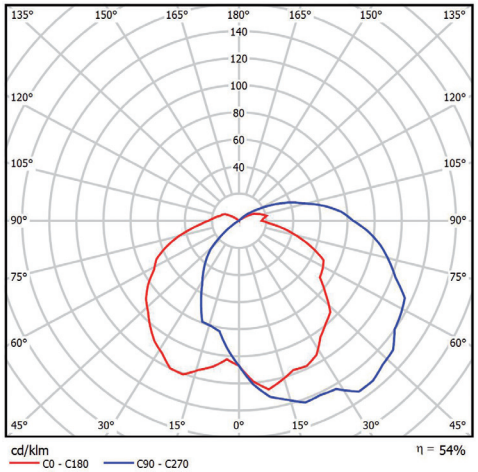
INDO Products - Facilities Specifications

Dimensions

Unit: mm



Photometry



Facilities

INDO Products - Facilities Specifications

FCCP

INDO code explained

FCCP	H100	5	SMD	M	F	PP	9017
Model	Lamp / Power (W)	Colour Temperature	Mounting	Control	Dimming	Lens Type	Luminaire colour

Stocked product code

FCCP • H100 • 5 • SMD • M • F • PP • 9017

This product code is held in stock and has, on average, a shorter lead time.

Features :

- Powder coated die cast aluminium case.
- Heat resistant polycarbonate lens.

Applications :

Car parks, plazas, shopping centres, tennis courts.

Product codes – *please choose your specifications*

Model	Product code
Facilities Multi Storey Car Park	FCCP

Lamp / Power (W)	Product code
HALO:40W	H040
HALO:70W	H070
HALO:80W	H080
HALO:100W	H100

Colour temperature	Product code
3000K	3
4000K	4
5000K	5
6500K	6

Mounting	Product code
Surface Mount: Down Lighting	SMD
Rod Mounted	RDM

Control	Product code
Mains	M

Dimming	Product code
Fixed	F
Analogue (0-10V)	A

Lens type	Product code
Prismatic Polycarbonate	PP

Luminaire colour (RAL)	Product code
RAL9017 Traffic Black	9017

Product specifications

Voltage (V)
120-277

Ambient Temperature (ºC)
-20 ºC / +40 ºC

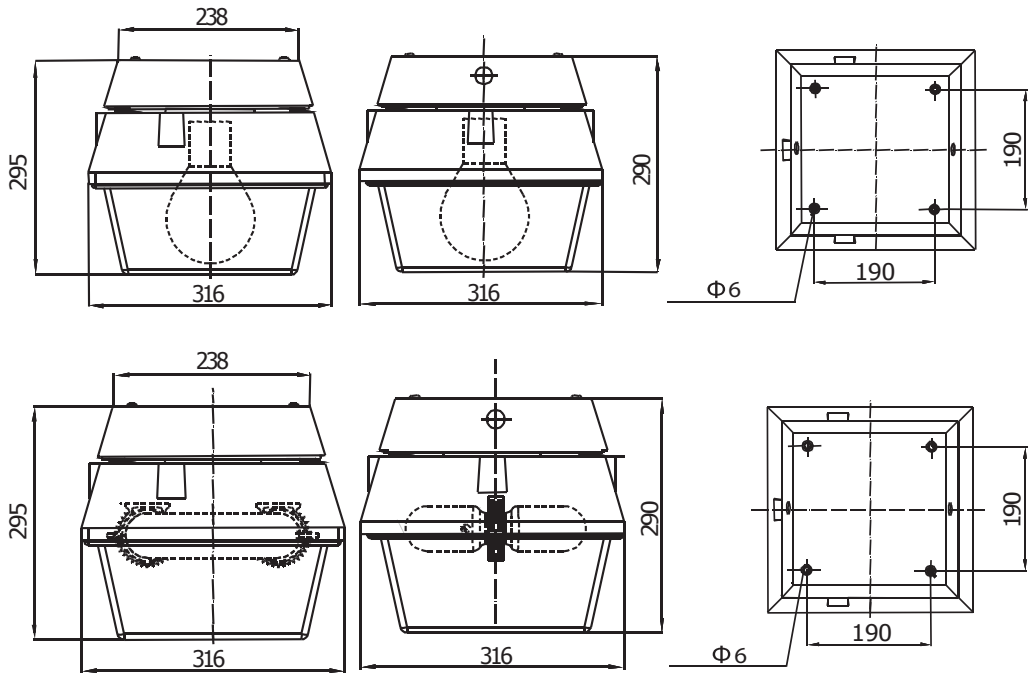
IP Class
IP43

Facilities

INDO Products - Facilities Specifications

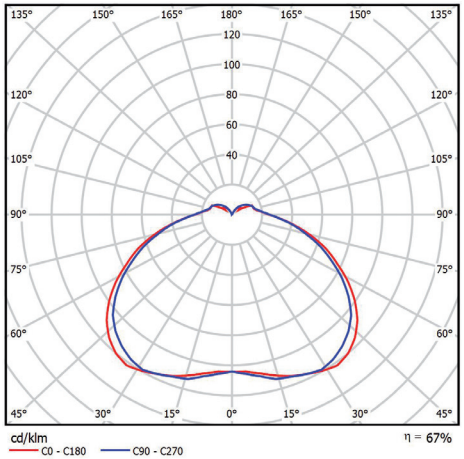
Dimensions

Unit: mm



Recommended position and diameter of mounting holes are shown above.

Photometry



Facilities

INDO Products - Facilities Specifications

FCSB

INDO code explained

FCSB	H300	5	SMD	M	F	CG	9017
Model	Lamp / Power (W)	Colour Temperature	Mounting	Control	Dimming	Lens Type	Luminaire colour

Stocked product code

FCSB • H300 • 5 • SMD • M • F • CG • 9017

This product code is held in stock and has, on average, a shorter lead time.

Features :

- Powder coated aluminium alloy housing.
- Clear tempered glass lens or heat resistant polycarbonate lens.
- Anodized or vacuum coated aluminium reflector.

Applications :

Car parks, plazas, shopping centres, tennis courts.

Product codes – *please choose your specifications*

Model	Product code
Facilities Exterior Car Park	FCSB

Lamp / Power (W)	Product code
HALO:70W	H070
HALO:80W	H080
HALO:100W	H100
HALO:120W	H120
HALO:150W	H150
HALO:200W	H200
HALO:250W	H250
HALO:300W	H300

Colour temperature	Product code
3000K	3
4000K	4
5000K	5
6500K	6

Mounting	Product code
Surface Mount: Down Lighting	SMD

Control	Product code
Mains	M
NEMA	N

Dimming	Product code
Fixed	F
Analogue (0-10V)	A

Lens type	Product code
Flat Polycarbonate	FP
Curved Glass	CG

Luminaire colour (RAL)	Product code
RAL9017 Traffic Black	9017

Product specifications

Voltage (V)
120-277

Ambient Temperature (ºC)
-20 ºC / +40 ºC

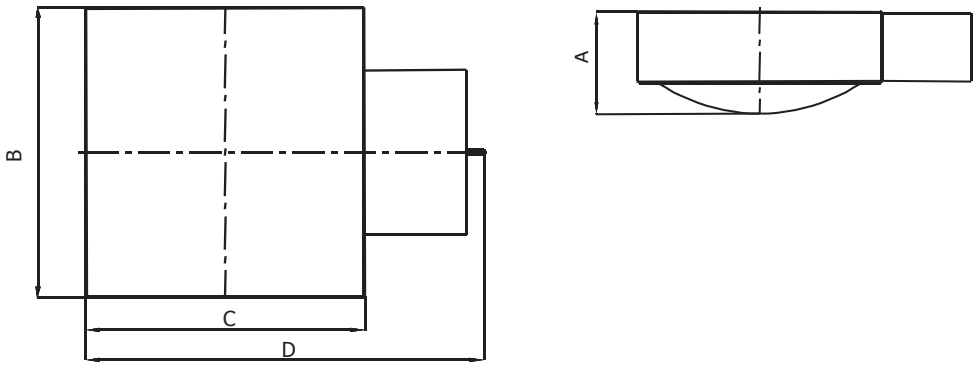
IP Class
IP54

Facilities

INDO Products - Facilities Specifications

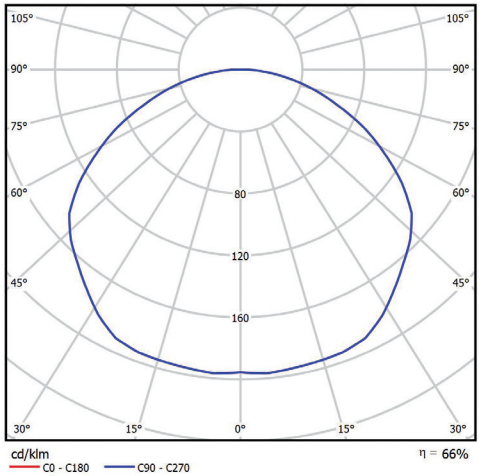
Dimensions

Unit: mm



Wattage	A (mm)	B	C	D
70W - 200W	225	548	551	795
250W - 300W	235	578	581	825

Photometry



Flood

INDO Products - Flood Specifications

FL01

INDO code explained

FL01 • Q100 • 5 • SMD • M • F • FG • 9017

Model	Lamp / Power (W)	Colour Temperature	Mounting	Control	Dimming	Lens Type	Luminaire colour

Stocked product code

FL01 • Q100 • 5 • SMD • M • F • FG • 9017

This product code is held in stock and has, on average, a shorter lead time.

Features :

- Powder coated, die cast aluminium housing
- Anodized aluminium reflector
- Clear tempered glass lens
- Fully sealed IP65 rated luminaire

Applications :

Signage, buildings, parks, swimming pool, tennis courts, sports facilities, shopping centres, car parks.

Product codes – *please choose your specifications*

Model	Product code
Flood 01	FL01

Lamp / Power (W)	Product code
QUDO:40W ø42mm	QL4S
QUDO:70W	Q070
QUDO:80W	Q080
QUDO:100W	Q100

Colour temperature	Product code
3000K	3
4000K	4
5000K	5
6500K	6

Mounting	Product code
Surface Mount: Down Lighting	SMD
Surface Mount: Up Lighting	SMU

Control	Product code
Mains	M

Dimming	Product code
Fixed	F
Analogue (0-10V)	A

Lens type	Product code
Flat Glass	FG

Luminaire colour (RAL)	Product code
RAL9017 Traffic Black	9017

Product specifications

Voltage (V)
120-277

Ambient Temperature (ºC)
-20 ºC / +40 ºC

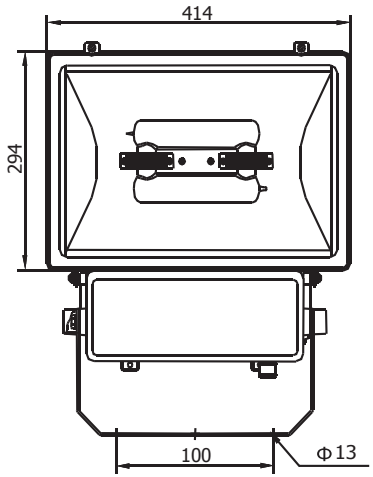
IP Class
IP65

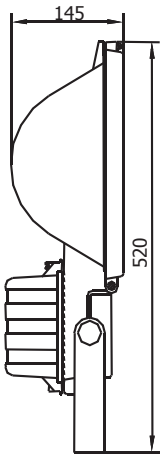
Flood

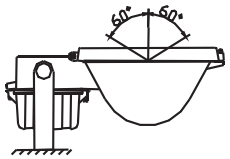
INDO Products - Flood Specifications

Dimensions

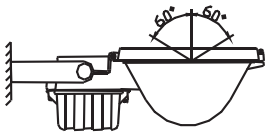
Unit: mm





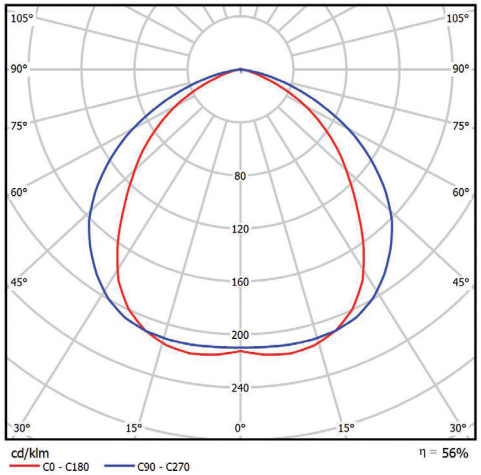


Mounted on horizontal surface



Mounted on vertical surface

Photometry



Flood

INDO Products - Flood Specifications

FL02

INDO code explained

FL02	Q150	5	PTD	M	F	FG	9017
Model	Lamp / Power (W)	Colour Temperature	Mounting	Control	Dimming	Lens Type	Luminaire colour

Stocked product code

FL02 • Q150 • 5 • PTD • M • F • FG • 9017

This product code is held in stock and has, on average, a shorter lead time.

Features :

- Die cast aluminum housing with powder coated finish for corrosion resistance
- Anodized aluminum reflector and clear tempered glass lens for good light distribution
- Gas tight silicone rubber sealing
- Separated ballast for improved thermal performance and increased product life

Applications :

Signage, buildings, parks, swimming pool, tennis courts, sports facilities, shopping centres, car parks.

Product codes – *please choose your specifications*

Model	Product code
Flood 02	FL02

Lamp / Power (W)	Product code
QUDO:120W	Q120
QUDO:150W	Q150
QUDO:200W ø58mm	Q2LL

Colour temperature	Product code
3000K	3
4000K	4
5000K	5
6500K	6

Mounting	Product code
Surface Mount: Down Lighting	SMD
Surface Mount: Up Lighting	SMU
Post Top: Up Lighting	PTU
Post Top: Down Lighting	PTD

Control	Product code
Mains	M

Dimming	Product code
Fixed	F
Analogue (0-10V)	A

Lens type	Product code
Flat Glass	FG

Luminaire colour (RAL)	Product code
RAL9017 Traffic Black	9017

Product specifications

Voltage (V)
120-277

Ambient Temperature (ºC)
-20 ºC / +40 ºC

IP Class
IP65

INDO

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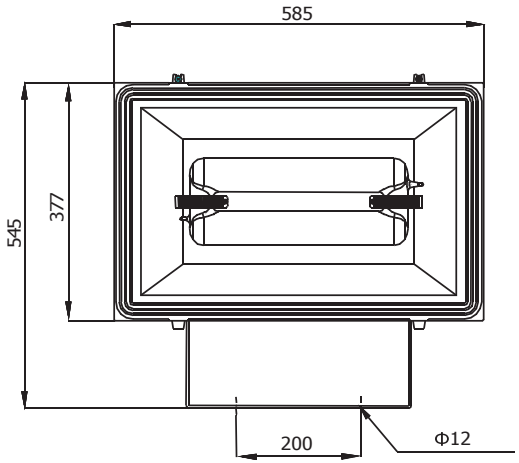
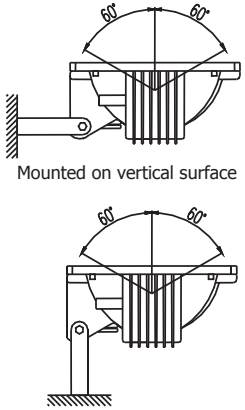
Flood

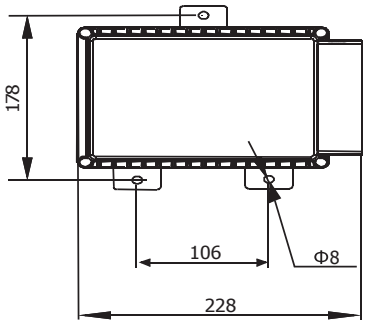
INDO Products - Flood Specifications

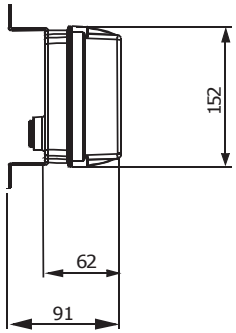
Dimensions

Unit: mm



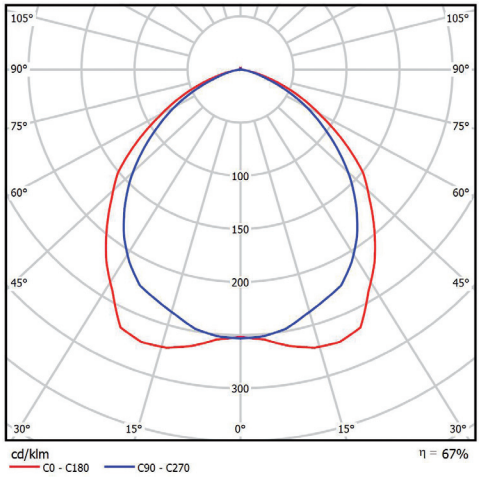






Ballast with die cast casing

Photometry



Flood

INDO Products - Flood Specifications

FL03

INDO code explained

FL03	Q25L	5	PTD	M	F	FG	9017
Model	Lamp / Power (W)	Colour Temperature	Mounting	Control	Dimming	Lens Type	Luminaire colour

Stocked product code

FL03 • Q25L • 5 • PTD • M • F • FG • 9017

This product code is held in stock and has, on average, a shorter lead time.

Features :

- Die cast aluminum housing with powder coated finish for enhanced corrosion resistance
- Anodized aluminum reflector and clear tempered glass lens
- Temperature resistant gaskets
- Seperately lamp and ballast compartments for improved thermal performance

Applications :

Signage, buildings, parks, swimming pool, tennis courts, sports facilities, shopping centres, car parks.

Product codes – *please choose your specifications*

Model	Product code
Flood 03	FL03

Lamp / Power (W)	Product code
QUDO:40W ø42mm	QL4S
QUDO:70W	Q070
QUDO:80W	Q080
QUDO:100W	Q100
QUDO:120W	Q120
QUDO:150W	Q150
QUDO:200W ø58mm	Q2LL
QUDO:250W ø58mm	Q25L

Colour temperature	Product code
3000K	3
4000K	4
5000K	5
6500K	6

Mounting	Product code
U Bracket: Up Lighting	UBU
U Bracket: Down Lighting	UBD
Post Top: Up Lighting	PTU
Post Top: Down Lighting	PTD

Control	Product code
Mains	M

Dimming	Product code
Fixed	F
Analogue (0-10V)	A

Lens type	Product code
Flat Glass	FG

Luminaire colour (RAL)	Product code
RAL9017 Traffic Black	9017

Product specifications

Voltage (V)
120-277

Ambient Temperature (ºC)
-20 ºC / +40 ºC

IP Class
IP65

INDO

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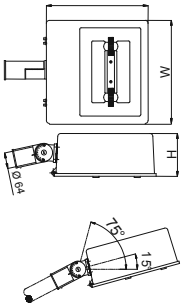
Flood

INDO Products - Flood Specifications

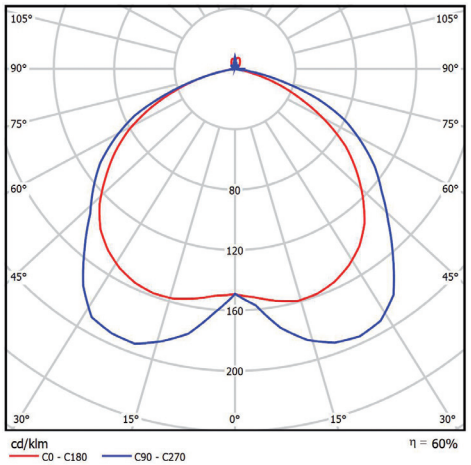
Dimensions

Unit: mm



Wattage	L	W	H
40W - 100W	**418**	**417**	**173**
120W - 300W	**605**	**605**	**260**

Photometry



Tunnel

INDO Products - Tunnel Specifications

TLEX

INDO code explained

TLEX • Q2LM • 5 • UBD • M • F • FG • 9016

Model	Lamp / Power (W)	Colour Temperature	Mounting	Control	Dimming	Lens Type	Luminaire colour

Stocked product code

TLEX • Q2LM • 5 • UBD • M • F • FG • 9016

This product code is held in stock and has, on average, a shorter lead time.

Features :

- IP65 rated, powder coated extruded aluminium alloy
- Anodised aluminium reflector and clear tempered glass lens
- Lamp/ballast access from the front of the luminaire
- Emergency Lighting: DC 24V for two hours dimmed to 25W in the event of power failure

Applications :

Tunnels, motorways, car parks, amenity lighting, off-street areas.

Product codes – *please choose your specifications*

Model	Product code
Tunnel Internal Ballast	TLEX

Lamp / Power (W)	Product code
QUDO:70W	Q070
QUDO:80W	Q080
QUDO:100W	Q100
QUDO:120W	Q120
QUDO:150W	Q150
QUDO:200W ø54mm	Q2LM

Colour temperature	Product code
3000K	3
4000K	4
5000K	5
6500K	6

Mounting	Product code
U Bracket: Up Lighting	UBU
U Bracket: Down Lighting	UBD
L Bracket: Up Lighting	LBU
L Bracket: Down Lighting	LBD

Control	Product code
Mains	M

Dimming	Product code
Fixed	F
Analogue (0-10V)	A

Lens type	Product code
Flat Glass	FG

Luminaire colour (RAL)	Product code
RAL9017 Traffic Black	9017
RAL9016 White	9016

Product specifications

Voltage (V)
120-277

Ambient Temperature (ºC)
-20 ºC / +40 ºC

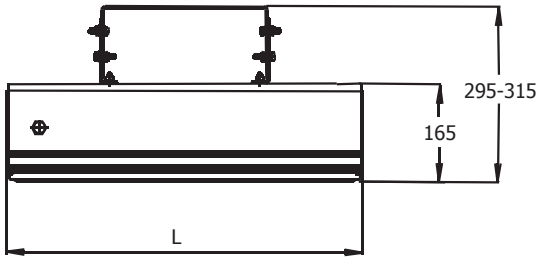
IP Class
IP65

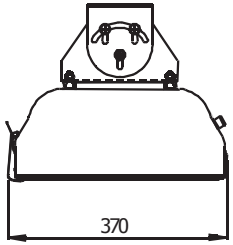
Tunnel

INDO Products - Tunnel Specifications

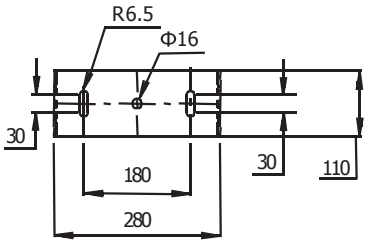
Dimensions

Unit: mm



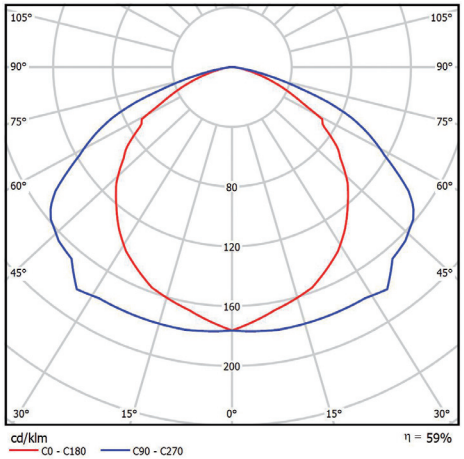


U Bracket Mounting dimensions



Wattage	L
70W - 100W	**600**
120W - 150W	**680**
200W	**840**

Photometry



Tunnel

INDO Products - Tunnel Specifications

TLS1

INDO code explained

TLS1 • Q4LM • 5 • UBD • M • F • FG • 9016

Model	Lamp / Power (W)	Colour Temperature	Mounting	Control	Dimming	Lens Type	Luminaire colour

Stocked product code

TLS1 • Q4LM • 5 • UBD • M • F • FG • 9016

This product code is held in stock and has, on average, a shorter lead time.

Features :

- IP65 rated, powder coated extruded aluminium alloy
- Anodised aluminium reflector and clear tempered glass lens
- Lamp access from the front of the luminaire
- IP65 sealed ballast mounted externally for enhanced thermal performance

Applications :

Tunnels, motorways, car parks, amenity lighting, off-street areas.

Product codes – *please choose your specifications*

Model	Product code
Tunnel External Ballast	TLS1

Lamp / Power (W)	Product code
QUDO:70W	Q070
QUDO:80W	Q080
QUDO:100W	Q100
QUDO:120W	Q120
QUDO:150W	Q150
QUDO:200W ø54mm	Q2LM
QUDO:250W ø54mm	Q25M
QUDO:300W ø54mm	Q3LM
QUDO:400W ø54mm	Q4LM

Colour temperature	Product code
3000K	3
4000K	4
5000K	5
6500K	6

Mounting	Product code
U Bracket: Up Lighting	UBU
U Bracket: Down Lighting	UBD
L Bracket: Up Lighting	LBU
L Bracket: Down Lighting	LBD

Control	Product code
Mains	M

Dimming	Product code
Fixed	F
Analogue 0-10V	A

Lens type	Product code
Flat Glass	FG

Luminaire colour (RAL)	Product code
RAL9017 Traffic Black	9017
RAL9016 White	9016

Product specifications

Voltage (V)
120-277

Ambient Temperature (ºC)
-20 ºC / +40 ºC

IP Class
IP65

INDO

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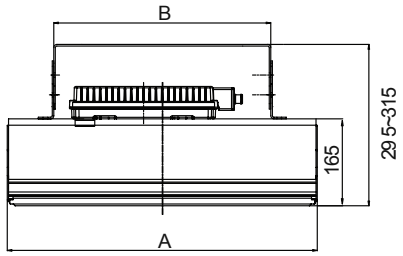
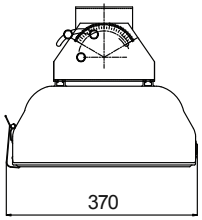
Tunnel

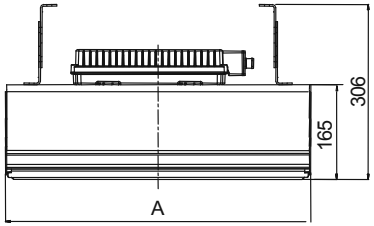
INDO Products - Tunnel Specifications

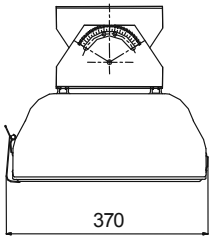
Dimensions

Unit: mm



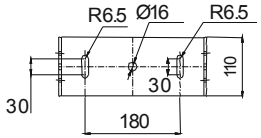




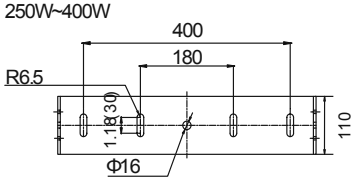


U Bracket Dimensions:

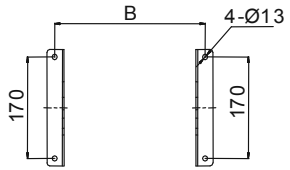
70W~200W



250W~400W



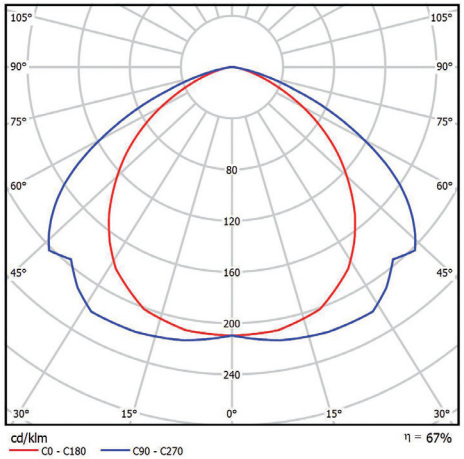
L Bracket Dimensions:



Dimension B is adjustable

Wattage	A	B
100W	470	320
150W	550	320
200W	710	420
250W	835	500
300W	960	500
400W	1220	500

Photometry



Tunnel

INDO Products - Tunnel Specifications

TLCM

INDO code explained

TLCM	Q25L	5	UBD	M	F	FG	9016
Model	Lamp / Power (W)	Colour Temperature	Mounting	Control	Dimming	Lens Type	Luminaire colour

Stocked product code

TLCM • Q25L • 5 • UBD • M • F • FG • 9016

This product code is held in stock and has, on average, a shorter lead time.

Product codes – *please choose your specifications*

Model	Product code
Tunnel External Compact	TLCM

Lamp / Power (W)	Product code
QUDO:250W ø58mm	Q25L
QUDO:300W ø58mm	Q3LL
QUDO:400W ø58mm	Q4LL

Colour temperature	Product code
3000K	3
4000K	4
5000K	5
6500K	6

Mounting	Product code
U Bracket: Up Lighting	UBU
U Bracket: Down Lighting	UBD
L Bracket: Up Lighting	LBU
L Bracket: Down Lighting	LBD

Control	Product code
Mains	M

Dimming	Product code
Fixed	F
Analogue 0-10V	A

Lens type	Product code
Flat Glass	FG

Luminaire colour (RAL)	Product code
RAL9017 Traffic Black	9017
RAL9016 White	9016

Product specifications

Voltage (V)
120-277

Ambient Temperature (ºC)
-20 ºC / +40 ºC

IP Class
IP65

Features :

- IP65 rated, powder coated extruded aluminium alloy
- Anodised aluminium reflector and clear tempered glass lens
- Lamp access from the front of the luminaire
- IP65 sealed ballast mounted externally for enhanced thermal performance

Applications :

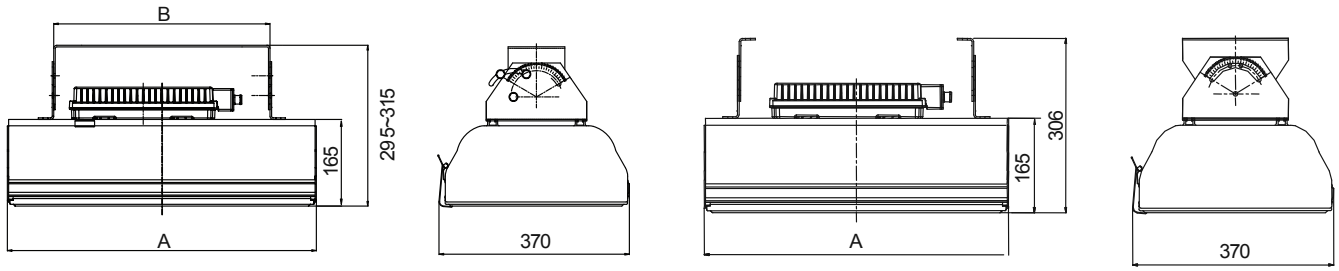
Tunnels, motorways, car parks, amenity lighting, off-street areas.

Tunnel

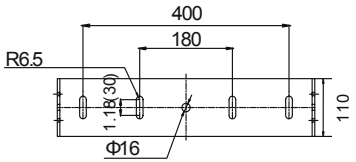
INDO Products - Tunnel Specifications

Dimensions

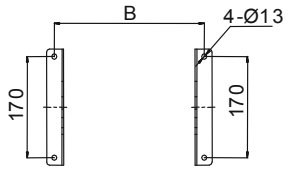
Unit: mm



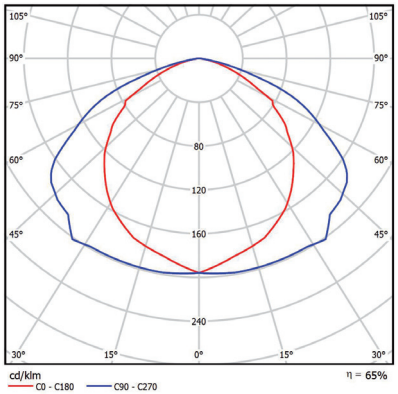
U Bracket Dimensions:



L Bracket Dimensions:



Dimension B is adjustable

Wattage	A	B
250W	760	500
300W	860	600
400W	1060	600

Photometry