





































Havells

Item Code Logic

Lighting	Havells	Application Type	Lamp Source	Product Version	No. Of Lamp	Lamp Wattage	Mounting Type ignitor Type	Ballast Type
L	H	C	C	N 1	3	3 6	1	1 1
<div> <div> <p>B = Ballast</p> <p>C = Commercial</p> <p>D = Domestic</p> <p>E = Emergency</p> <p>F = Flood Light</p> <p>G = Control</p> <p>I = Industrial</p> <p>R = Roadway</p> <p>S = Sources</p> <p>V = Vapour Proof</p> <p>W = Well Glass</p> <p>Y = Spare Parts</p> </div> <div> <p>B = Blended MV</p> <p>C = CFL</p> <p>F = Fluorescent</p> <p>G = HPMV</p> <p>H = Tungsten</p> <p>L = GLS</p> <p>M = Metal Halide</p> <p>S = Sodium Vapour</p> <p>T = T5 FTL</p> <p>W = Elliptical HID only</p> <p>Y = Tubular HID only</p> <p>Z = Both E/T HID</p> </div> <div> <p>A = MS white painted</p> <p>B = Specular finish Al.</p> <p>C = Specular finish Al.</p> <p>N = Non Category Louvre</p> <p>P = Polycarbonate Louvre</p> </div> <div> <p>1 = 1 Lamp</p> <p>2 = 2 Lamp</p> <p>3 = 3 Lamp</p> <p>4 = 4 Lamp</p> </div> <div> <p>CFL Lamps</p> <p>09 = 9W CFL</p> <p>11 = 11W CFL</p> <p>13 = 13W CFL</p> <p>18 = 18W CFL/FPL/FTL</p> <p>26 = 26W CFL</p> <p>36 = 36W FPL/FTL</p> <p>FTL / T5 Lamps</p> <p>02 = 20W FTL</p> <p>04 = 40W FTL</p> <p>14 = 14W T5 FTL</p> <p>21 = 21W T5 FTL</p> <p>28 = 28W T5 FTL</p> <p>54 = 54W T5 FTL</p> <p>HID Lamps</p> <p>70 = 70W SV/MH</p> <p>80 = 80W MV</p> <p>12 = 125W MV</p> <p>15 = 150W SV/MH</p> <p>25 = 250W MV/SV/MH</p> <p>40 = 400W MV/SV/MH</p> <p>60 = 600W SV</p> <p>10 = 1000W SV/MH</p> </div> <div> <p>For Commercial Fixture</p> <p>1 = Armstrong ceiling</p> <p>2 = Gypsum Board</p> <p>3 = Recess mounting</p> <p>4 = Surface mounting</p> <p>6 = Luxion ceiling</p> <p>7 = Pendant mounting</p> <p>For HID Luminaires</p> <p>A = Short distance Ignitor suitable for SV only</p> <p>B = Long distance Ignitor suitable for SV/MH</p> <p>C = Super Imposed Ignitor suitable for SV/MH</p> <p>D = Short distance Ignitor suitable for SV/MH</p> <p>For Fixture Fitted With Lamp</p> <p>3 = 2700K</p> <p>4 = 4000K</p> <p>5 = 5000K</p> <p>6 = 6500K</p> </div> <div> <p>FTL/ FPL OCB</p> <p>07 = 230V, 18/20W FTL/FPL OCB</p> <p>09 = 230V, 36/40W FTL/FPL OCB</p> <p>11 = 240V, 36/40W FTL/FPL OCB</p> <p>15 = 240V, 18/20W FTL/FPL OCB</p> <p>CFL OCB</p> <p>17 = 7/9/11W CFL OCB</p> <p>18 = 13W CFL OCB</p> <p>20 = 18W CFL OCB</p> <p>21 = 26W CFL OCB</p> <p>Electronic Ballasts</p> <p>26 = 1X36/40W FTL EB THD<33%</p> <p>27 = 2X36/40W FTL EB THD<33%</p> <p>32 = 1X28W T5 FTL EB THD<33%</p> <p>33 = 2X28W T5 FTL EB THD<33%</p> <p>28 = 1X36/40W FTL DB THD<10%</p> <p>29 = 2X36/40W FTL DB THD<10%</p> <p>50 = 1X28W T5 FTL DB THD<10%</p> <p>51 = 2X28W T5 FTL DB THD<10%</p> </div> </div>								
Specification Variables				Ordering Code				
Non Category louvres, Normal EM Ballast				LHCCN1336111				
Non Category louvres, 6.0W EM Ballast				LHCCN1336113				
L1 Category Louvres, 6.0W EM Ballast				LHCCB1336113				
L2 Category louvres, HF individual Ballast < 33%				LHCCC1336126				
L2 Category louvres, HF individual Ballast < 10%				LHCCC1336128				

To Choose from Commercial range mirror optic AS series 36W with multiple variables.

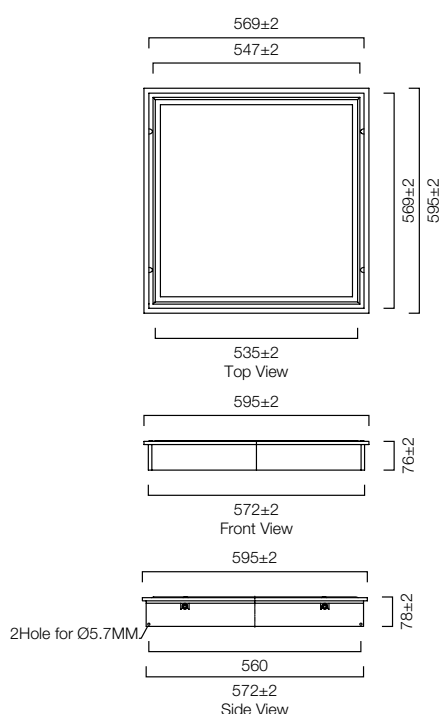
Guide to Symbols

	Wide Beam		Domestic Places
	Symmetric Wide Beam		Schools/ Public Building
	Symmetric Narrow Beam		Stadium
	Updown Lighter		Major Roads
	Assymmetric Wall Washer		Local Roads
	Small Office		Toll Areas
	Auditorium		Retro CFL
	Cini Hall		GLS
	Book Shop		MHDE Lamp
	Departmental Store		MHSET
	Factories		SON T
	Super Market		Elliptical Lamp
	Hotel/ Restaurants		G12
	Shipyards		CFL 4 Pin
	Parks		CFL 2 Pin
	Classical & Modern Building		FTL
	Market Places		Halogen Lamp

Commercial Lighting



T5 Flat Panel



Cutout size : 580 x 580
All dimensions are in mm

Exclusive premium range recess mounting mirror optic luminaire suitable for 4x14W/ 4x24W T5 FTL for Modular/ Armstrong/ POP/ Gypsum board false ceiling.

Specification

Housing

Made up of CRCA sheet steel.

Finish

Epoxy powder coated white after phosphochromate treatment.

Optics

High quality Methacrylate, UV stabilised milky-white acrylic cover for glare free uniform light distribution.

Lamp Holder

Push fit type white polycarbonate/ ABS with electrical grade brass contacts.

Electric gear

Pre-wired with HF high performance electronic ballast (THD<33%) upto terminal block.

Option with high frequency digital ballast (THD<10%) available on request.

Mounting

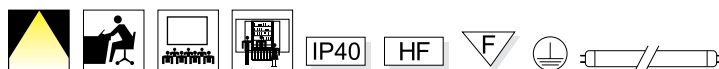
Knock-out provision for suspension through Ø19mm conduit for traditional mounting.

Applications

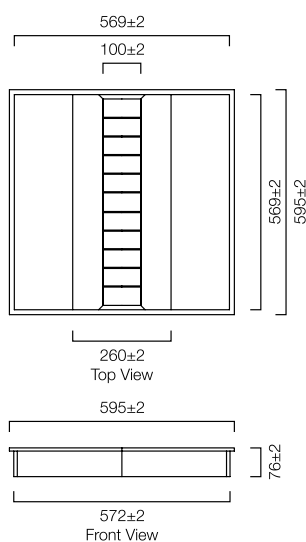
Airport lounges
Corporate offices
Banks & ATM outlets
Modern work spaces
Hospital premises
Software development centers

Ordering Code	Optics	Lamp Type	Nominal Voltage (V)	Mains Current (A)	Lamp Socket	Power Factor*
LHCT13414340	Diffused	4x14W T5 FTL HE	240	0.280	G5	≥0.95
LHCT13424334	Diffused	4x24W T5 FTL HO	240	0.440	G5	≥0.95

* With HF digital ballast option power factor ≥0.98



Wingo Lite CM



Cutout size : 580 x 580
All dimensions are in mm

Recess mounting direct/indirect decorative mirror optics luminaire with central mirror & specially designed anodized aluminium wings suitable for 4x14W/ 4x24W FTL for modular/Armstrong/POP/Gypsum board false ceiling.

Specification

Housing

Made up of CRCA sheet steel.

Finish

Epoxy powder coated white after phosphochromate treatment.

Optics

Reflector made up of high purity pre-anodised aluminium sheet. Specially designed anodized louvres for smooth and glare free lighting.

CM: Central mirror louvres and wing shape reflector for wider & better light distribution on working areas.

L2 Category (Cat 2) : High-gloss , improved efficiency mirror optic of high quality parabolic aluminium side reflectors with aluminium in-fill panel and back folded double parabolic cross louvres.

Lamp Holders

Push fit type white polycarbonate/ ABS with electrical grade brass contacts.

Electric gear

Pre-wired with HF high performance electronic ballast (THD<33%) as a standard.

Option of high frequency digital ballast (THD<10%) available on request.

Mounting

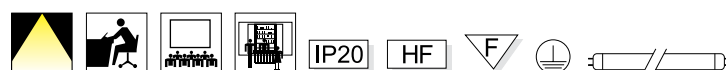
Provision for suspension through Ø19 mm conduit or on ceiling with 4 nos holes of Ø6 mm.

Applications

Small offices
Conference rooms
Shops & boutiques
Departmental stores
Reception & Public service areas

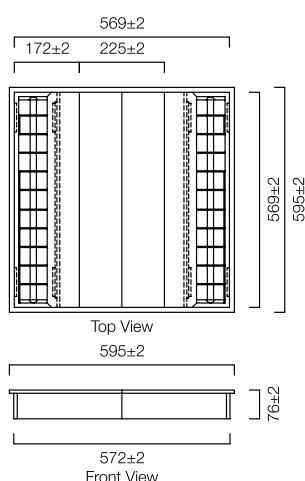
Ordering Code	Optics	Lamp Type	Nominal Voltage (V)	Mains Current (A)	Lamp Socket	Power Factor*
LHCTD2414340	L2 Cat.	4x14W FTL T5 HE	240	0.280	G5	≥0.95
LHCTD2424334	L2 Cat.	4x24W FTL T5 HO	240	0.440	G5	≥0.95

* With HF digital ballast option power factor ≥0.98



Commercial
Lighting

Wingo Lite SM



Cutout size : 580 x 580
All dimensions are in mm

Recess mounting direct/indirect decorative mirror optics luminaire with side mirror & specially designed anodized aluminium wings suitable for 4x14W/ 4x24W FTL for modular/Armstrong/POP/Gypsum board false ceiling.

Specification

Housing

Made up of CRCA sheet steel.

Finish

Epoxy powder coated white after phosphochromate treatment.

Optics

Reflector made up of high purity pre-anodised aluminium sheet. Specially designed anodized louvres for smooth and glare free lighting.

SM: Side mirror louvres and wing shape central reflector for wider & better light distribution in office areas lighting.

L2 Category (Cat 2) : High-gloss , improved efficiency mirror optic of high quality parabolic aluminium side reflectors with aluminium in-fill panel and back folded double parabolic cross louvres.

Lamp Holder

Push fit type white polycarbonate/ ABS with electrical grade brass contacts.

Electric gear

Pre-wired with HF high performance electronic ballast (THD<33%) as a standard.

Option of high frequency digital ballast (THD<10%) available on request.

Mounting

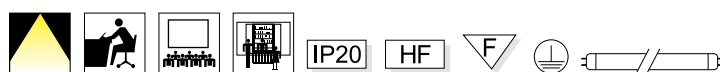
Provision for suspension through Ø19 mm conduit or on ceiling with 4 nos holes of Ø6 mm.

Applications

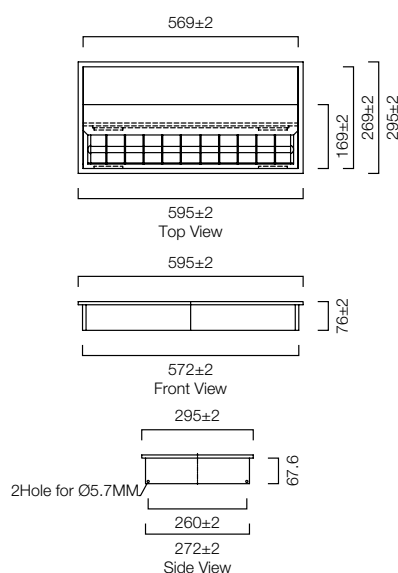
Small offices
Conference rooms
Shops & boutiques
Departmental stores
Reception & Public service areas

Ordering Code	Optics	Lamp Type	Nominal Voltage (V)	Mains Current (A)	Lamp Socket	Power Factor*
LHCTD3414340	L2 Cat.	4x14W T5 FTL HE	240	0.280	G5	≥0.95
LHCTD3424334	L2 Cat.	4x24W T5 FTL HO	240	0.440	G5	≥0.95

* With HF digital ballast option power factor ≥0.98



Wingo Wall Washer 1x2



Cutout size : 580 x 280
All dimensions are in mm

Recess mounted decorative mirror optics Wall Washer luminaire with specially designed anodized aluminium wing suitable for 2x14W/ 2x24W linear fluorescent lamp for modular/Armstrong/POP/Gypsum board false ceiling.

Specification

Housing

Made up of CRCA sheet steel.

Finish

Epoxy powder coated white after phosphochromate treatment.

Optics

Reflector made up of high purity pre-anodised aluminium sheet. Specially designed anodized louvres for smooth and glare free lighting.

L2 Category (Cat 2) : High-gloss, improved efficiency mirror optic of high quality parabolic aluminium side reflectors with aluminium in-fill panel and back folded double parabolic cross louvres.

Lamp Holders

Push fit type white polycarbonate/ ABS with electrical grade brass contacts.

Electric gear

Pre-wired with HF high performance electronic ballast (THD<33%) as a standard. Option of high frequency digital ballast (THD<10%) available on request.

Mounting

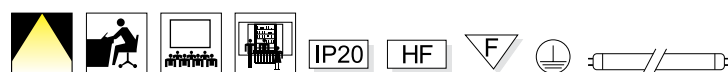
Provision for suspension through Ø19 mm conduit or on ceiling with 4 nos holes of Ø6 mm.

Applications

Small offices
Conference rooms
Shops & boutiques
Departmental stores
Reception & Public service areas

Ordering Code	Optics	Lamp Type	Nominal Voltage (V)	Mains Current (A)	Lamp Socket	Power Factor*
LHCTD4214340	L2 Cat.	2x14W FTL T5 HE	240	0.140	G5	≥0.95
LHCTD4224334	L2 Cat.	2x24W FTL T5 HO	240	0.220	G5	≥0.95

* With HF digital ballast option power factor ≥0.98



Commercial
Lighting

Ivy Mirror Optics (Crystal)



Exclusive premium range recess mounting mirror optic luminaire suitable for 14W/ 28W T5 compact linear fluorescent lamps for Modular/ Armstrong ceiling.

Specification

Housing

Made up of CRCA sheet steel.

Finish

Epoxy powder coated white after phosphochromate treatment.

Optics

Reflector made up of high purity pre-anodised aluminium sheet. Iridescence free, MIRO imported aluminium reflector with polycarbonate translucent cross louvre assembly & in-fill panel for wide batwing distribution & dispersive lighting. Reflector fixed to the housing with two spring loaded toggles and hinged by twin wire straps for re-lamping/ easy maintenance.

Lamp Holder

Push fit type white polycarbonate/ ABS with electrical grade brass contacts.

Electric gear

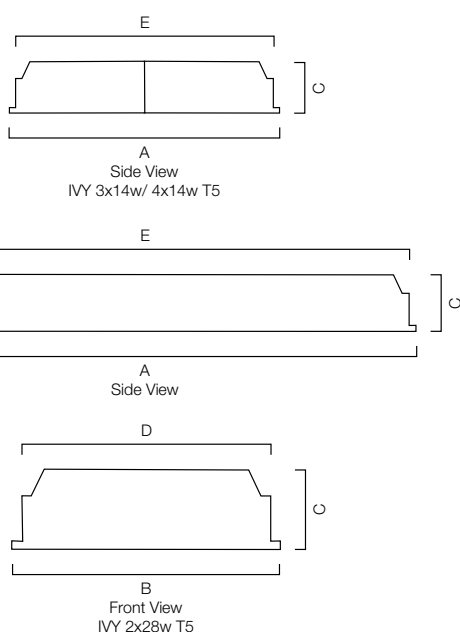
Pre-wired with HF high performance electronic ballast (THD<33%) upto terminal block.

Mounting

Knock-out provision for suspension through Ø19mm conduit for traditional mounting.

Applications

Airport lounges
Corporate offices
BPOs & call centers
Modern work spaces
Banks & commercial offices
Software development centers



Cutout size : D x E

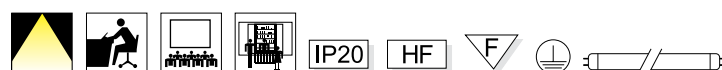
Reference No.	A	B	C	D	E
4x14W T5	595±2	595±2	52±2	580±2	580±2
2x24W T5	595±2	296±2	52±2	280±2	580±2
3x14W T5	595±2	595±2	52±2	580±2	580±2
2x14W T5	595±2	296±2	52±2	280±2	580±2
4x24W T5	595±2	595±2	52±2	580±2	580±2
2x28W T5	1196±2	296±2	52±2	280±2	1180±2

All dimensions are in mm

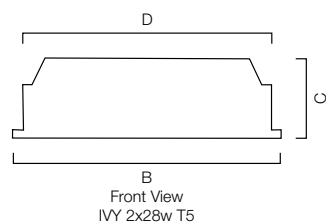
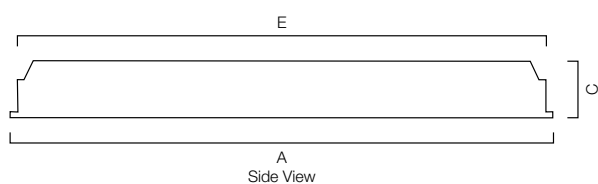
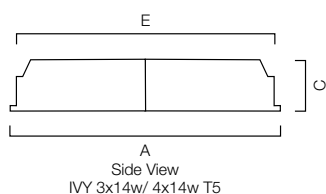
Ordering Code	Optics	Lamp Type	Nominal Voltage (V)	Mains Current (A)	Lamp Socket	Power Factor
LHCTP8214340	Polycarbonate	2x14W T5 FTL HE	240	0.140	G5	≥0.95
LHCTP8224334	Polycarbonate	2x24W T5 FTL HO	240	0.220	G5	≥0.95
LHCTP8314331	Polycarbonate	3x14W T5 FTL HE	240	0.210	G5	≥0.95
LHCTP8414340	Polycarbonate	4x14W T5 FTL HE	240	0.280	G5	≥0.95
LHCTP8424334	Polycarbonate	4x24W T5 FTL HO	240	0.440	G5	≥0.95
LHCTP8228333	Polycarbonate	2x28W T5 FTL	240	0.280	G5	≥0.95

Option to use 24W/ 54W T5 HO fluorescent lamp available on request.

* With HF digital ballast option power factor ≥0.98, THD ≤10% available on request.



Ivy Mirror Optics (Classic)



Exclusive premium range recess mounting mirror optic luminaire suitable for 14W/28W T5 linear fluorescent lamps for Modular/ Armstrong ceiling.

Specification

Housing

Made up of CRCA sheet steel.

Finish

Epoxy powder coated white after phosphochromate treatment.

Optics

Reflector made up of high purity pre-anodised aluminium sheet. Iridescence free, MIRO imported aluminium reflector with back folded double parabolic cross louvre assembly & in-fill panel for wide batwing distribution & good glare control. Reflector fixed to the housing with two spring loaded toggles and hinged by twin wire straps for re-lamping/ easy maintenance.

Lamp Holder

Push fit type white polycarbonate/ ABS with electrical grade brass contacts.

Electric gear

Pre-wired with HF high performance electronic ballast (THD<33%) upto terminal block.

Mounting

Knock-out provision for suspension through Ø19mm conduit for traditional mounting.

Applications

Airport lounges
Corporate offices
BPOs & call centers
Modern work spaces
Banks & commercial offices
Software development centers

Cutout size : D x E

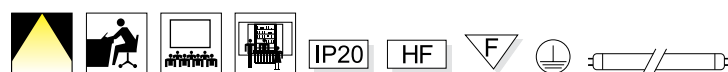
Reference No.	A	B	C	D	E
4x14W T5	595±2	595±2	52±2	580±2	580±2
3x14W T5	595±2	595±2	52±2	580±2	580±2
2x28W T5	1195±2	295±2	52±2	280±2	1180±2

All dimensions are in mm

Ordering Code	Optics	Lamp Type	Nominal Voltage (V)	Mains Current (A)	Lamp Socket	Power Factor
LHCTD7314331	L2 Cat.	3x14W T5 FTL HE	240	0.210	G5	≥0.95
LHCTD7414340	L2 Cat.	4x14W T5 FTL HE	240	0.280	G5	≥0.95
LHCTD7228333	L2 Cat.	2x28W T5 FTL	240	0.280	G5	≥0.95

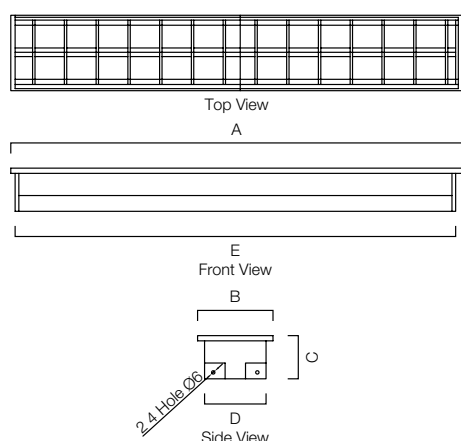
Option to use 24W/ 54W T5 HO fluorescent lamp available on request.

* With HF digital ballast option power factor ≥0.98, THD ≤10% available on request.



Commercial
Lighting

Mirror Optic T5



Cutout size : D x E

Reference No.	A	B	C	D	E
1x28W FTL T5	1195	135	95	120	1180
2x28W FTL T5	1195	225	95	210	1180

All dimensions are in mm

Recess mounting compact mirror optic luminaire suitable for 28W linear fluorescent lamps designed for modular/ Gypsum board false ceiling.

Specification

Housing

Made up of CRCA sheet steel.

Finish

Epoxy powder coated white after phosphochromate treatment.

Optics

Reflector made up of high purity pre-anodised aluminium sheet.

Non-Category (Non-cat) : High-efficiency, high quality mirror optics with aluminium faceted side reflectors and serated cross louvres.

Reflector fixed to the housing with four SS latches.

Lamp Holder

Push fit type white polycarbonate/ ABS with electrical grade brass contacts.

Electric gear

Pre-wired with single high performance electronic ballast (THD<33%) as a standard.

Option with high frequency digital ballast (THD<10%) available on request.

Mounting

Provision for suspension through Ø19 mm conduit or on ceiling with 4 nos. holes of Ø5 mm.

Applications

Hospitals

Corridors & lobbies

Departmental stores

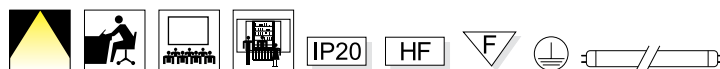
Banks & small offices

Reception & public service areas

Ordering Code	Optics	Lamp Type	Nominal Voltage (V)	Mains Current (A)	Lamp Socket	Power Factor
LHCTN3128332	Non-category	1x28W FTL T5	240	0.140	G5	≥0.95
LHCTN3228333	Non-category	2x28W FTL T5	240	0.280	G5	≥0.95

Option to use 24W/ 54W T5 HO fluorescent lamp available on request.

* With HF digital ballast option power factor ≥0.98, THD ≤10% available on request.



Mirror Optics T5 SR Series



Surface cum recess mounting decorative mirror optic luminaire suitable for 28W T5 linear fluorescent lamps designed for Modular/ Gypsum board false ceiling.

Specification

Housing

Made up of CRCA sheet steel.

Finish

Epoxy powder coated white after phosphochromate treatment.

Optics

Reflector made up of high purity pre-anodised aluminium sheet.

Non-Category (Non-cat) : High-efficiency, high quality mirror optics with aluminium faceted side reflectors and serated cross louvres.

Reflector fixed to the housing with four SS latches.

Lamp Holder

Push fit type white polycarbonate/ ABS with electrical grade brass contacts.

Electric gear

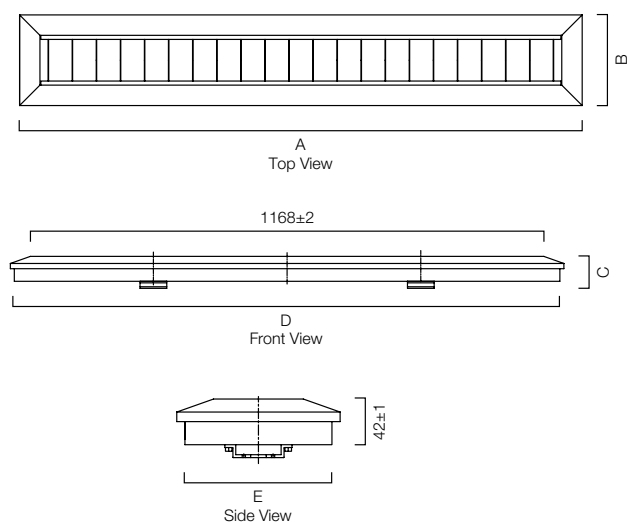
Pre-wired with single high performance electronic ballast (THD<33%) upto the terminal block.

Mounting

Provision for suspension through Ø19 mm conduit or on ceiling with 4 nos. holes of Ø5 mm.

Applications

Hospitals
Corridors & lobbies
Departmental stores
Banks & small offices
Reception & public service areas



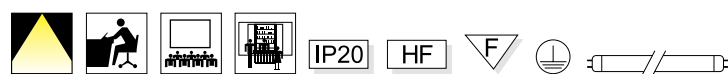
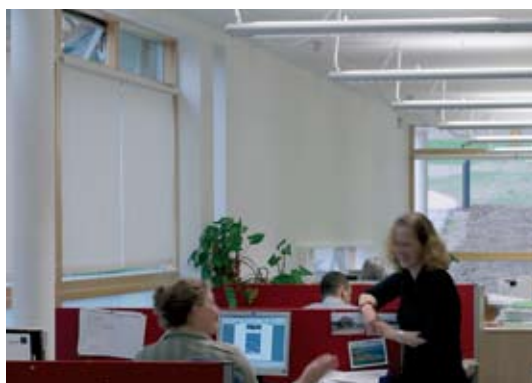
Cutout size : D x E

Reference No.	A	B	C	D	E
1x28W T5	1240±2	165±2	52±2	1230±2	155±2
2x28W T5	1240±2	200±2	52±2	1230±2	190±2

All dimensions are in mm

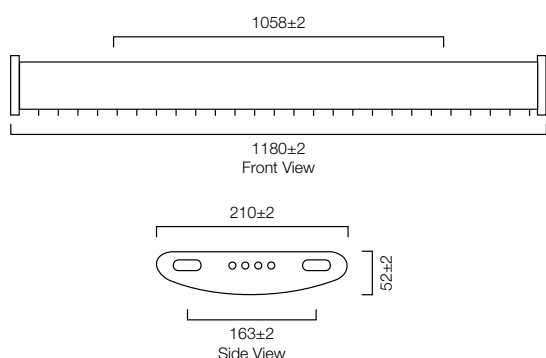
Ordering Code	Optics	Lamp Type	Nominal Voltage (V)	Mains Current (A)	Lamp Socket	Power Factor
LHCT71128432	Non-Cat	1x28W T5 FTL	240	0.140	G5	≥0.95
LHCT71228433	Non-Cat	2x28W T5 FTL	240	0.280	G5	≥0.95

* With HF digital ballast option power factor ≥0.98, THD ≤10% available on request.



Commercial
Lighting

Compact Optics



Compact surface mounting decorative mirror optic luminaire suitable for twin 28W T5 linear fluorescent lamps.

Specification

Housing

Made up of sturdy extruded aluminium very sleek body.

Finish

Anode oxidized for corrosion prevention with smooth rich matt finish.

Optics

Reflector made up of high purity pre-anodised aluminium sheet.

Non-Category (Non-cat) : High-efficiency, high quality mirror optics with aluminium faceted side reflectors and matt finish cross louvres.

Reflector fixed to the housing with four SS latches and hinged by twin strings for re-lamping/ easy maintenance.

Lamp Holder

Push fit type white polycarbonate/ ABS with electrical grade brass contacts.

Electric gear

Pre-wired with single high performance electronic ballast (THD<33%) upto terminal block.

Mounting

Suspend by means of chains through 4 nos. slots.

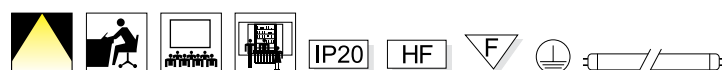
Applications

Libraries
Waiting rooms
Banks & offices
Computer centers
School class rooms
Reception & public service areas

All dimensions are in mm

Ordering Code	Optics	Lamp Type	Nominal Voltage (V)	Mains Current (A)	Lamp Socket	Power Factor
LHCTN2228433	Non-Cat	2x28W T5 FTL	240	0.280	G5	≥0.95

* With HF digital ballast option power factor ≥0.98, THD ≤10% available on request.



Mirror Optics P5 AS Series



Recess mounting decorative luminaire with Paralite P5 louvre suitable for 2x36W FP-L designed for Modular/ Armstrong/ POP/ Gypsum board false ceiling.

Specification

Housing

Made up of CRCA sheet steel.

Finish

Epoxy powder coated white after phosphochromate treatment.

Optics

Optic assembly made up of high purity pre-anodised aluminium reflector with specially designed precision injection moulded square type metalised Fire Retardant Polystyrene (FRP) louvres. Decorative pattern of perforation on front cover improves aesthetic. Frame held to the housing with four SS spring clips, acting as a hinge during re-lamping/ maintenance by pulling downwards.

Lamp Holder

White polycarbonate/ ABS with electrical grade brass contacts.

Electric gear

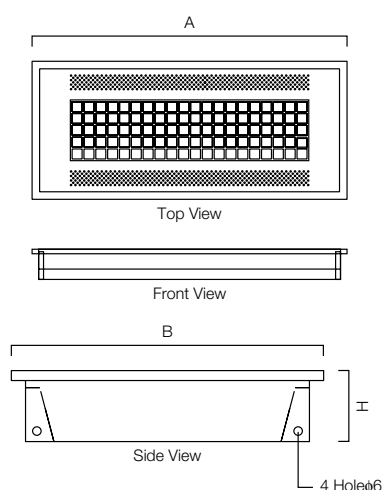
Pre-wired with high frequency electronic ballast (THD<33%) upto terminal block.

Mounting

Provision for suspension through Ø19 mm conduit or with chain/ hooks through 4 nos holes of Ø6 mm.

Applications

Call centers & small offices
Shops & boutiques
Conference rooms
Departmental stores
Reception & public service areas



Cutout size :
1x36W FP-L: 490x210
2x36W FP-L: 580x280
All dimensions are in mm

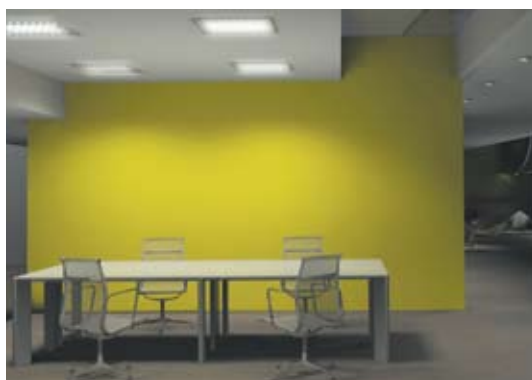
Reference No.	A (Length)	B (Width)	H (Height)
1x36W FP-L (HF)	502±2	220±2	55±2
2x36W FP-L (HF)	595±2	295±2	55±2

All dimensions are in mm

Ordering Code	Optics	Lamp Type	Nominal Voltage (V)	Mains Current (A)	Lamp Socket	Power Factor*
LHCC21136325	Paralite P5	1x36W FP-L (HF)	240	0.160	2G11	≥0.95
LHCC20236327	Paralite P5	2x36W FP-L (HF)	240	0.320	2G11	≥0.95

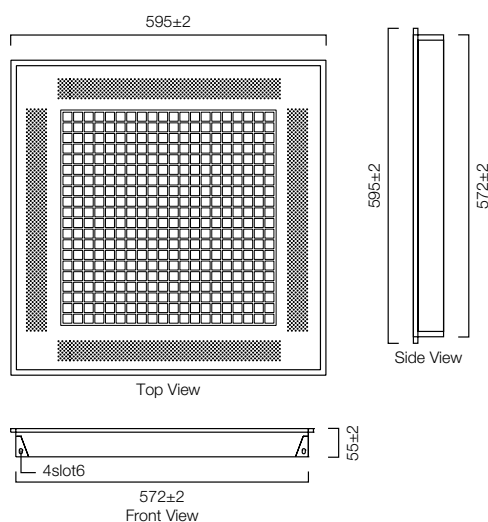
* With open construction ballast also available.

* With HF digital ballast option power factor ≥0.98, THD ≤10% available on request.



Commercial
Lighting

Mirror Optics P5 AS Series



Cutout size : 580 x 580
All dimensions are in mm

Recess mounting decorative luminaire with Paralite P5 louvre suitable for 2x36W FP-L or 3x36W FP-L designed for Modular/ Armstrong/ POP/ Gypsum board false ceiling.

Specification

Housing

Made up of CRCA sheet steel.

Finish

Epoxy powder coated white after phosphochromate treatment.

Optics

Optic assembly made up of high purity pre-anodised aluminium reflector with specially designed precision injection moulded square type metalised Fire Retardant Polystyrene (FRP) louvres.

Decorative pattern of perforation on front cover improves aesthetic.

Frame held to the housing with four SS spring clips, acting as a hinge during re-lamping/ maintenance by pulling downwards.

Lamp Holder

White polycarbonate/ ABS with electrical grade brass contacts.

Electric gear

Pre-wired with high frequency electronic ballast (THD<33%) upto terminal block.

Mounting

Provision for suspension through Ø19 mm conduit or with chain/ hooks through 4 nos holes of Ø6 mm.

Applications

Small offices
Conference rooms
Shops & boutiques
Departmental stores
Reception & public service areas

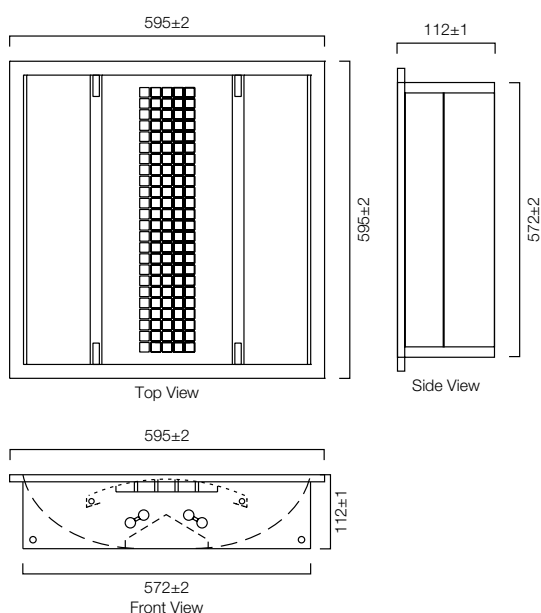
Ordering Code	Optics	Lamp Type	Nominal Voltage (V)	Mains Current (A)	Lamp Socket	Power Factor*
LHCC22236127	Paralite P5	2x36W FP-L (HF)	240	0.320	2G11	≥0.95
LHCC22336127	Paralite P5	3x36W FP-L (HF)	240	0.480	2G11	≥0.95

* With open construction ballast also available.

* With HF digital ballast option power factor ≥0.98, THD ≤10% available on request.



Softline New Direct AS Series



Cutout size : 580 x 580
All dimensions are in mm

Recess mounting decorative luminaire with Paralite P5 louvre suitable for 2x36W FP-L designed for Modular/ Armstrong/ POP/ Gypsum board false ceiling.

Specification

Housing

Made up of CRCA sheet steel.

Finish

Epoxy powder coated white after phosphochromate treatment.

Optics

Optic assembly made up white powder coated reflector with specially designed precision injection moulded square type metalised Fire Retardant Polystyrene (FRP) louvres.

Lamp cover fixed to the housing with "clip-on" arrangement and hinged during re-lamping/ maintenance by pulling downwards.

Lamp Holder

White polycarbonate/ ABS with electrical grade brass contacts.

Electric gear

Pre-wired with high frequency electronic ballast (THD<33%) upto terminal block.

Mounting

Provision for suspension with chain/ hooks through 4 nos holes of Ø6 mm.

Applications

Small offices
Conference rooms
Shops & boutiques
Departmental stores
Reception & public service areas

Ordering Code	Optics	Lamp Type	Nominal Voltage (V)	Mains Current (A)	Lamp Socket	Power Factor*
LHCC58236127	Paralite P5	2x36W FP-L (HF)	240	0.320	2G11	≥0.95

* With open construction ballast also available for 36W FPL.

* With HF digital ballast option power factor ≥0.98, THD ≤10% available on request.



Commercial
Lighting

Softline New AS Series



Recess mounting decorative luminaire with perforated lamp shield suitable for 2x36W FP-L designed for Modular/Armstrong/POP/Gypsum board false ceiling.

Specification

Housing

Made up of CRCA sheet steel.

Finish

Epoxy powder coated white after phosphochromate treatment.

Optics

Optic assembly made up white powder coated perforated reflector with precised round holes ensuring comfortable & relaxing glare free illumination offering softlight.

Lamp cover fixed to the housing with "clip-on" arrangement and hinged during re-lamping/ maintenance by pulling downwards.

Lamp Holder

White polycarbonate/ ABS with electrical grade brass contacts.

Electric gear

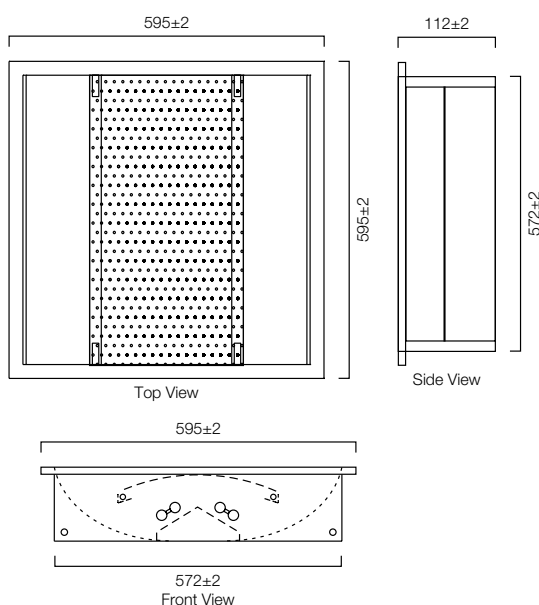
Pre-wired with high frequency electronic ballast (THD<33%) upto terminal block.

Mounting

Provision for suspension with chain/ hooks through 4 nos holes of Ø6 mm.

Applications

Small offices
Conference rooms
Shops & boutiques
Departmental stores
Reception & public service areas



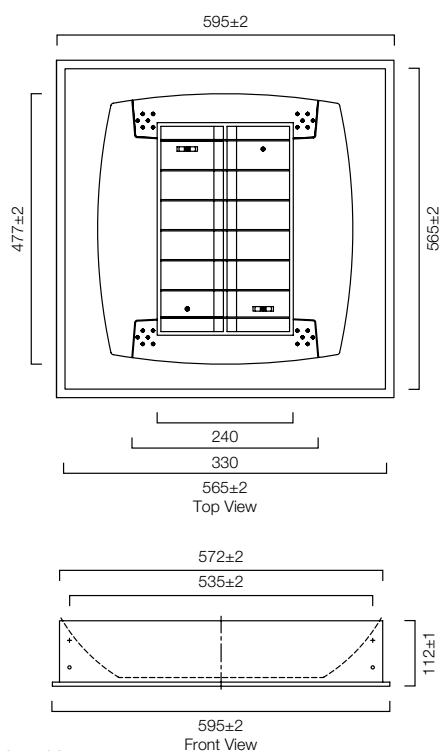
Cutout size : 580 x 580
All dimensions are in mm

Ordering Code	Optics	Lamp Type	Nominal Voltage (V)	Mains Current (A)	Lamp Socket	Power Factor*
LHCC59236127	Perforated	2x36W FP-L (HF)	240	0.320	2G11	≥0.95

* With HF digital ballast option power factor ≥0.98, THD ≤10% available on request.



Decora



Cutout size : 580 x 580
All dimensions are in mm

Recess mounting decorative mirror optic luminaire suitable for 2x36W FP-L designed for Modular/ Armstrong/ POP/ Gypsum board false ceiling.

Specification

Housing

Made up of CRCA sheet steel.

Finish

Powder coated white after phosphochromate treatment.

Optics

Louvres & side reflectors are made up of pre-anodised aluminium. The blue tinge translucent refractors given on both the sides and the decorative side caps are made up of engineering plastic. The back reflectors are powder coated to give soothing light effect.

Lamp Holder

White polycarbonate/ABS with electrical grade brass contacts.

Electric gear

Pre-wired with high frequency electronic ballast (THD<33%) upto terminal block.

Mounting

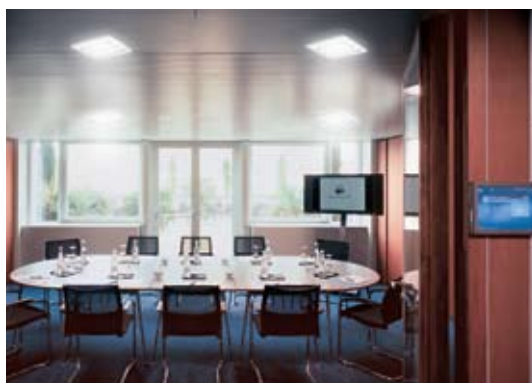
Provision for suspension with chain/hooks through 4nos. holes of Ø6 mm.

Applications

BPOs
Lobbies
Hospitals
Modern offices
Reception areas
Conference rooms
Software companies

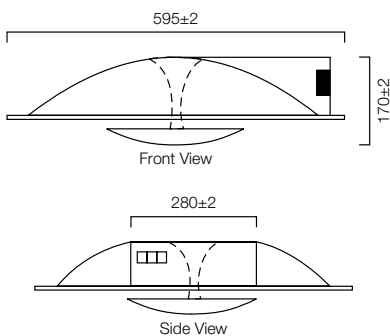
Ordering Code	Optics	Lamp Type	Nominal Voltage (V)	Mains Current (A)	Lamp Socket	Power Factor*
LHCC70236127	Non-Cat.	2x36W FP-L (HF)	240	0.320	2G11	≥0.95

* With HF digital ballast option power factor ≥0.98, THD ≤10% available on request.



Commercial
Lighting

Casper



Exclusive premium range soft optics made up of single piece deep drawn luminaire. Suitable for single 2D 28W/38W/55W lamp. Suitable for Armstrong/ Gypsum Board/ POP ceiling.

Specification

Housing
Single piece Hydro formed body from EDD grade sheet steel.

Finish
Epoxy powder coated snow white after phosphochromate treatment.

Optics
Sagged embedded reflector for glare-free light distribution.

Lamp Holders
GR10q base white polycarbonate with electrical grade copper contacts.

Electric gear
Pre-wired with HF high performance electronic ballast (THD<33%) upto the terminal block.

Mounting
Provision for suspension with chain/hooks by means of SS thread provided for GB/POP ceiling.

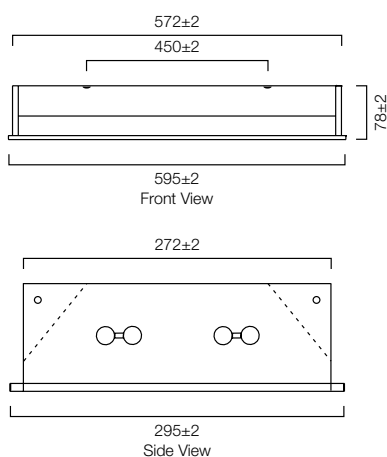
- Applications**
- Airport lounges
 - Corporate offices
 - BPOs & Call centers
 - Modern work spaces
 - Banks & commercial offices
 - Software development centers

Cutout size : 580 x 580
All dimensions are in mm

Ordering Code	Optics	Lamp Type	Nominal Voltage (V)	Mains Current (A)	Lamp Socket	Power Factor*
LHCC60155134	Indirect	1x55W 2D CFL	240	0.230	GR10q	≥0.95



Mirror Optics AS Series



Cutout size : 580 x 280
All dimensions are in mm

Recess mounting decorative mirror optic luminaire suitable for 2x36W FP-L designed for Modular/ Armstrong/ POP/ Gypsum board false ceiling.

Specification

Housing

Made up of CRCA sheet steel.

Finish

Epoxy powder coated white after phosphochromate treatment.

Optics

Reflector made up of high purity pre-anodised aluminium sheet.

Non-Category (Non-cat) : High-efficiency, high quality mirror optics with aluminium faceted side reflectors and serrated cross louvers. L2 Category (Cat 2) : High-gloss, improved efficiency mirror optic of high quality aluminium with double parabolic side reflectors and parabolic cross louvers. Reflector fixed to the housing with four SS latches and hinged by twin nylon strings for re-lamping / easy maintenance.

Lamp Holder

White polycarbonate/ ABS with electrical grade brass contacts.

Electric gear

Pre-wired with high frequency electronic ballast (THD<33%) upto terminal block.

Mounting

Provision for suspension through Ø19 mm conduit or with chain/ hooks through 4 nos holes of Ø6 mm.

Applications

Libraries
Conference rooms
Shops & boutiques
Departmental stores
Reception & public service areas

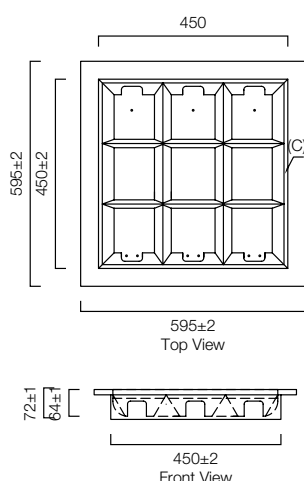
Ordering Code	Optics	Lamp Type	Nominal Voltage (V)	Mains Current (A)	Lamp Socket	Power Factor*
LHCCN1236127	Non-Cat.	2x36W FP-L (HF)	240	0.320	2G11	≥0.95

* With HF digital ballast option power factor ≥0.98, THD ≤10% available on request.



Commercial
Lighting

Mirror Optics AS Series



Cutout size : 455 x 455
All dimensions are in mm

Recess mounting decorative mirror optic luminaire suitable for 3x36W FP-L designed for Modular/ Armstrong/ POP/ Gypsum board false ceiling.

Specification

Housing

Made up of CRCA sheet steel.

Finish

Epoxy powder coated white after phosphochromate treatment.

Optics

Reflector made up of high purity pre-anodised aluminium sheet.
L2 Category (Cat 2) : High-gloss, improved efficiency mirror optic of high quality aluminium with double parabolic side reflectors and parabolic cross louvres.
Reflector fixed to the housing with four SS latches and hinged by twin nylon strings for re-lamping/ easy maintenance.

Lamp Holder

White polycarbonate/ ABS with electrical grade brass contacts.

Electric gear

Pre-wired with high frequency electronic ballast (THD<33%) upto terminal block.

Mounting

Provision for suspension through Ø19 mm conduit or with chain/ hooks through 4 nos holes of Ø6 mm.

Applications

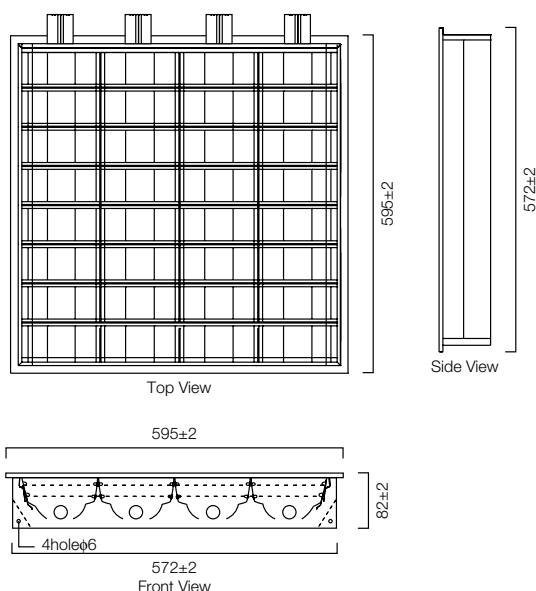
Airport lounges
Conference rooms
Recreational areas
Departmental stores
Banks & small offices
Reception & public service areas

Ordering Code	Optics	Lamp Type	Nominal Voltage (V)	Mains Current (A)	Lamp Socket	Power Factor*
LHCCC2336127	L2-Cat.	3x36W FPL HF	240	0.480	2G11	≥0.95

* With HF digital ballast option power factor ≥0.98, THD ≤10% available on request.



Mirror Optics AS Series



Cutout size : 580 x 580
All dimensions are in mm

Recess mounting decorative mirror optic luminaire suitable for 4x18/20W linear fluorescent lamps designed for Modular/ Armstrong/ POP/ Gypsum board false ceiling.

Specification

Housing

Made up of CRCA sheet steel.

Finish

Epoxy powder coated white after phosphochromate treatment.

Optics

Reflector made up of high purity pre-anodised aluminium sheet.

Non-Category (Non-cat) : High-efficiency, high quality mirror optics with aluminium faceted side reflectors and serated cross louvres.

L2 Category (Cat 2) : High-gloss, improved efficiency mirror optic of high quality aluminium with double parabolic side reflectors and parabolic cross louvres. Reflector fixed to the housing with four SS latches and hinged by twin nylon strings for re-lamping / easy maintenance.

Lamp Holder

Push fit type white polycarbonate/ ABS with electrical grade brass contacts.

Electric gear

- Pre-wired with open construction copper wound ferromagnetic ballast, 110V starter (FS2) and power factor improvement capacitor upto terminal block.
- Pre-wired with high frequency electronic ballast (THD<33%) upto terminal block.

Mounting

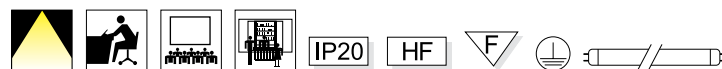
Provision for suspension through Ø19 mm conduit or with chain/ hooks through 4 nos holes of Ø6 mm.

Applications

Airport lounges
Computer centers
Conference rooms
Banks & small offices

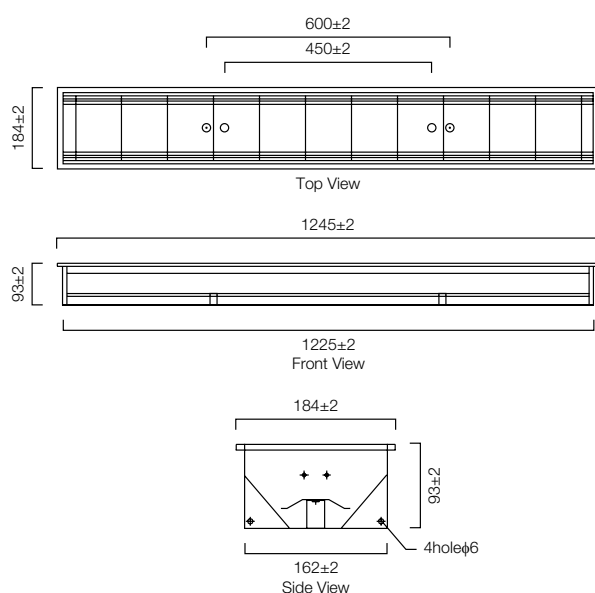
Ordering Code	Optics	Lamp Type	Nominal Voltage (V)	Mains Current (A)	Lamp Socket	Power Factor*	Capacitor Value
LHCFN3402111	Non-Cat.	4x18W/ 20W FTL	240	0.420	G13	≥0.85	8 mfd
LHCFC3402111	L2-Cat.	4x18W/ 20W FTL	240	0.420	G13	≥0.85	8 mfd
LHCFN3402139	Non-Cat.	4x18W/ 20W FTL (HF)	240	0.320	G13	≥0.90	-
LHCFC3402139	L2-Cat.	4x18W/ 20W FTL (HF)	240	0.320	G13	≥0.90	-

* With HF digital ballast option power factor ≥0.98, THD ≤10% available on request.



Commercial
Lighting

Mirror Optics LX Series



Cutout size : 1230 x 170
All dimensions are in mm

Recess mounting decorative mirror optic luminaire suitable for 1x36/40W linear fluorescent lamp designed for Luxlon strip (84-R) false ceiling.

Specification

Housing

Made up of CRCA sheet steel.

Finish

Epoxy powder coated white after phosphochromate treatment.

Optics

Reflector made up of high purity pre-anodised aluminium sheet.

Non-Category (Non-cat) : High-efficiency, high quality mirror optics with aluminium faceted side reflectors and serated cross louvres. Reflector fixed to the housing with four SS latches and hinged by twin nylon strings for re-lamping/ easy maintenance.

Lamp Holder

White polycarbonate/ ABS with electrical grade brass contacts.

Electric gear

- Pre-wired with open construction copper wound ferromagnetic ballast, universal starter (FSU) and power factor improvement capacitor upto terminal block.
- Pre-wired with high frequency electronic ballast (THD<33%) upto terminal block.

Mounting

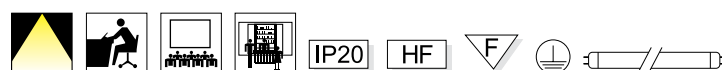
Provision for suspension through Ø19 mm conduit or with chain/ hooks through 4 nos holes of Ø6 mm.

Applications

Airport lounges
Conference rooms
Recreational areas
Departmental stores
Banks & small offices
Reception & public service areas

Ordering Code	Optics	Lamp Type	Nominal Voltage (V)	Mains Current (A)	Lamp Socket	Power Factor*	Capacitor Value
LHCFN1104611	Non-Cat.	1x36/40W FTL	240	0.210	G13	≥0.85	4 mfd
LHCFN1104625	Non-Cat.	1x36/40W FTL (HF)	240	0.160	G13	≥0.95	-

* With HF digital ballast option power factor ≥0.98, THD ≤10% available on request.



Mirror Optics LX (ECO) Series



Recess mounting decorative mirror optic luminaire suitable for 2x36W linear fluorescent lamp designed for Luxlon strip (84-R) false ceiling.

Specification

Housing

Made up of CRCA sheet steel.

Finish

Epoxy powder coated white after phosphochromate treatment.

Optics

Reflector made up of high purity pre-anodised aluminium sheet.

Non-Category (Non-cat) : High-efficiency, high quality mirror optics with aluminium faceted side reflectors and serated cross louvres.

Reflector fixed to the housing with four SS latches and hinged by twin nylon strings for re-lamping/ easy maintenance.

Lamp Holder

Push fit type white polycarbonate/ ABS with electrical grade brass contacts.

Electric gear

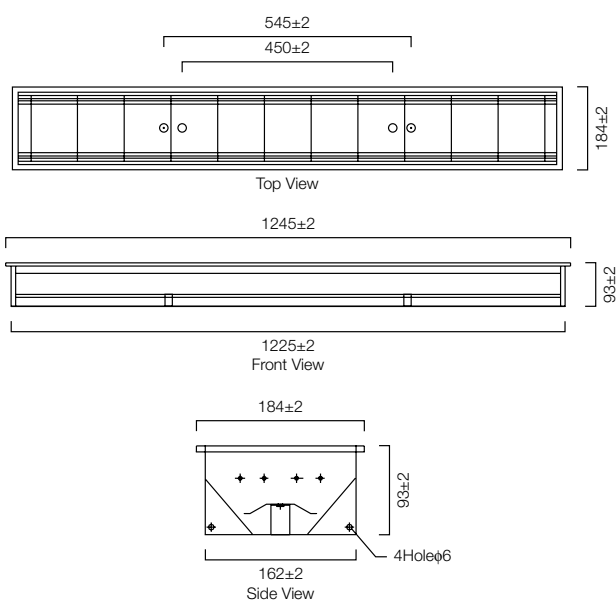
- Pre-wired with open construction copper wound ferromagnetic ballast, universal starter (FSU) and power factor improvement capacitor upto terminal block.
- Pre-wired with high frequency electronic ballast (THD<33%) upto terminal block.

Mounting

Provision for suspension through Ø19 mm conduit or with chain/ hooks through 4 nos holes of Ø6 mm.

Applications

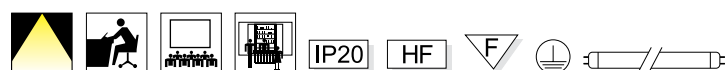
Waiting rooms
Banks & offices
Department stores
Shops & boutiques
Reception & public service areas



Cutout size : 1230 x 170
All dimensions are in mm

Ordering Code	Optics	Lamp Type	Nominal Voltage (V)	Mains Current (A)	Lamp Socket	Power Factor*	Capacitor Value
LHCFN2236611	Non-Cat.	2x36W FTL	240	0.420	G13	≥0.85	8 mfd
LHCFN2236627	Non-Cat.	2x36W FTL (HF)	240	0.320	G13	≥0.95	-

* With HF digital ballast option power factor ≥0.98, THD ≤10% available on request.



Commercial
Lighting

Mirror Optics SR Series



Recess cum surface mounting decorative mirror optic luminaire suitable for 2x36/40W linear fluorescent lamps designed for Modular/ POP/ Gypsum board false ceiling.

Specification

Housing

Made up of CRCA sheet steel.

Finish

Epoxy powder coated white after phosphochromate treatment.

Optics

Reflector made up of high purity pre-anodised aluminium sheet.

Non-Category (Non-cat) : High-efficiency, high quality mirror optics with aluminium faceted side reflectors and serated cross louvres.

Reflector fixed to the housing with four SS latches and hinged by twin nylon strings for re-lamping/ easy maintenance.

Option with acrylic cover available on request.

Lamp Holder

Push fit type white polycarbonate/ ABS with electrical grade brass contacts.

Electric gear

- Pre-wired with open construction copper wound ferromagnetic ballast, universal starter (FSU) and power factor improvement capacitor upto terminal block.
- Pre-wired with high frequency electronic ballast (THD<33%) upto terminal block.

Mounting

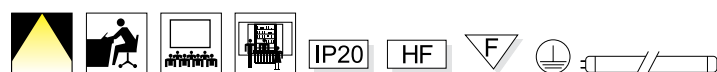
Provision for suspension through Ø19 mm conduit or on ceiling with 2 nos. holes of Ø8 mm.

Applications

Hospitals
Corridors & lobbies
Departmental stores
Banks & small offices
Reception & public service areas

Ordering Code	Optics	Lamp Type	Nominal Voltage (V)	Mains Current (A)	Lamp Socket	Power Factor*	Capacitor Value
LHCFN1204811	Non-Cat.	2x36/40W FTL	240	0.420	G13	≥0.85	8 mfd
LHCFN1204827	Non-Cat.	2x36/40W FTL (HF)	240	0.320	G13	≥0.95	-
With Acrylic Cover LHCFN2204911	Non-Cat.	2x36/40W FTL	240	0.420	G13	≥0.85	8 mfd

* With HF digital ballast option power factor >0.96, THD ≤10% available on request.



Cutout size : 1230 x 200
All dimensions are in mm



Mirror Optics T8 SR Series



Recess mounting decorative slim mirror optic luminaire suitable for 1x36W/ 2x36W linear fluorescent lamp designed for Luxlon strip (84-R) false ceiling.

Specification

Housing

Made up of CRCA sheet steel.

Finish

Epoxy powder coated white after phosphochromate treatment.

Optics

Reflector made up of high purity pre-anodised aluminium sheet.

Non-Category (Non-cat) : High-efficiency, high quality mirror optics with aluminium faceted side reflectors and serated cross louvres. Reflector fixed to the housing with four SS latches.

Lamp Holder

Push fit type white polycarbonate/ ABS with electrical grade brass contacts.

Electric gear

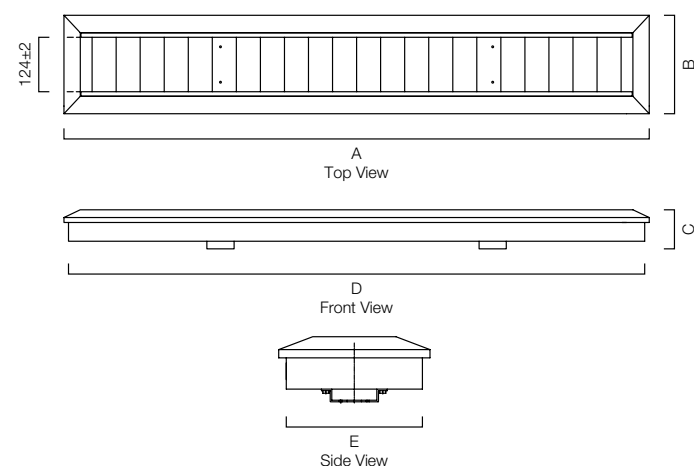
- Pre-wired with open construction copper wound ferromagnetic ballast, universal starter (FSU) and power factor improvement capacitor upto terminal block.
- Pre-wired with high frequency electronic ballast (THD<33%) upto terminal block.

Mounting

Provision for suspension through Ø19 mm conduit or on ceiling with 4 nos. holes of Ø5 mm.

Applications

Hospitals
Corridors & lobbies
Departmental stores
Banks & small offices
Reception & public service areas



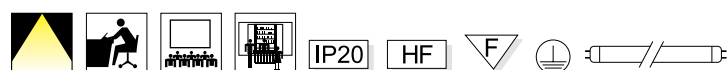
Cutout size : D x E

Reference No.	A	B	C	D	E
1x36W T8	1290±2	177±2	62±2	1280±2	165±2
2x36W T8	1290±2	217±2	62±2	1280±2	205±2

All dimensions are in mm

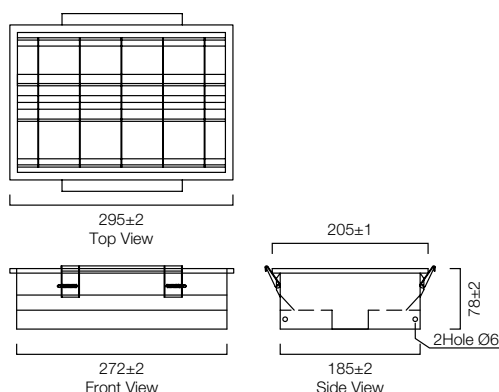
Ordering Code	Optics	Lamp Type	Nominal Voltage (V)	Mains Current (A)	Lamp Socket	Power Factor*	Capacitor Value
LHCF71136811	Non-Cat.	1x36W FTL	240	0.210	G13	≥0.85	4 mfd
LHCF71136825	Non-Cat.	1x36W FTL (HF)	240	0.160	G13	≥0.95	-
LHCF71236811	Non-Cat.	2x36W FTL	240	0.420	G13	≥0.85	8 mfd
LHCF71236827	Non-Cat.	2x36W FTL (HF)	240	0.320	G13	≥0.95	-

* With HF digital ballast option power factor >0.98, THD ≤10% available on request.



Commercial
Lighting

Recess Mounting CFL/FP-L Mirror Optics



Cutout size : 280 x 195
All dimensions are in mm

Compact recess mounting decorative mirror optic luminaire suitable for twin 9/11W CFL (PL-S) or 18W CFL designed for POP/ Gypsum board false ceiling.

Specification

Housing

Made up of CRCA sheet steel.

Finish

Epoxy powder coated white after phosphochromate treatment.

Optics

Reflector made up of high purity pre-anodised aluminium sheet.

Non-Category (Non-cat) : High-efficiency, high quality mirror optics with aluminium faceted side reflectors and serated cross louvres.

Reflector fixed to the housing with four SS latches and hinged by 2 nos. nylon strings for re-lamping / easy maintenance.

Lamp Holder

White polycarbonate/ ABS with electrical grade brass contacts.

Electric gear

For 2x9/11/18W CFL : Pre-wired with twin 240V rated 1x9/11/18W CFL open construction copper wound ferromagnetic ballast upto terminal block.

Option to use high frequency electronic ballast available on request.

Mounting

With the help of twin spring loaded mounting brackets provided.

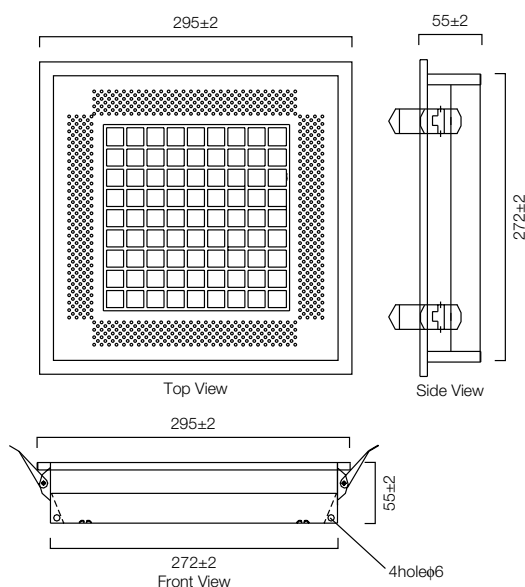
Applications

Small offices
Conference rooms
Recreational areas
Corridors and staircases
Reception & public service areas

Ordering Code	Optics	Lamp Type	Nominal Voltage (V)	Mains Current (A)	Lamp Socket	Power Factor
LHCCN3218311	Non-Cat.	2x18W DU (PLC)	240	0.440	G24 d2	≥0.50
LHCCN3218354	Non-Cat.	2x18W DU (PLC) HF	240	0.290	G24 d2	≥0.55
LHCCN2211317	Non-Cat.	2x11W PL-S	240	0.300	2G7	≥0.50
LHCCN2211354	Non-Cat.	2x11W PL-S HF	240	0.190	2G7	≥0.55



Mirror Optics Cabin Lite



Cutout size : 280 x 280
All dimensions are in mm

Compact recess mounting decorative luminaire with paralite P5 Louvres suitable for 2x11W/ 2x18W FP-L. Designed for POP/ Gypsum board false ceiling.

Specification

Housing

Made up of CRCA sheet steel.

Finish

Epoxy powder coated white after phosphochromate treatment.

Optics

Optic assembly made up of high purity pre-anodised aluminium reflector with specially designed precision injection moulded square type metalised fire.

Retardent Polystyrene (FRP) louvres.

Decorative pattern of perforation on front cover improves aesthetic.

Frame held to the housing with four SS spring clips, acting as a hinge during re-lamping/ maintenance by pulling downwards.

Lamp Holder

White polycarbonate/ ABS with electrical grade brass contacts.

Electric gear

- For 2x9/11W CFL: Pre-wired with twin 240V rated 1x9/11W CFL open construction copper wound ferromagnetic ballast upto terminal block.
- For 2x18W FP-L (4 Pin): Pre-wired with single 240V rated 36/40W FTL open construction copper wound ferromagnetic ballast & 110V starters (FS2) upto terminal block.

Mounting

With the help of 2 nos. spring loaded mounting brackets provided as standard.

Applications

Small offices
Conference rooms
Shops & boutiques
Departmental stores
Reception & public service areas

Ordering Code	Optics	Lamp Type	Nominal Voltage (V)	Mains Current (A)	Lamp Socket	Power Factor*
LHCC25211317	Paralite P5	2x11W CFL	240	0.300	G23	≥0.50
LHCC25218311	Paralite P5	2x18W FP-L	240	0.410	2G11	≥0.50

* Ensure applied voltage to 2x18W FP-L fitting not below 210V for reliable & flickerless continuous operation.

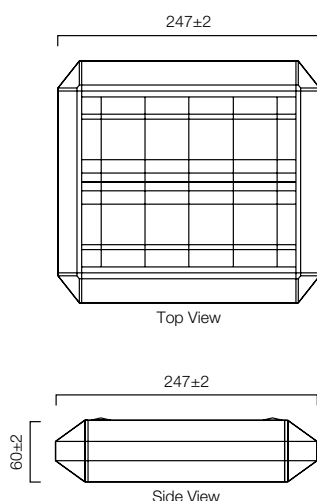
* Option to use high frequency electronic ballast available on request.



Commercial
Lighting

Mirror Optics OS Series

Slim Cabin Lite



All dimensions are in mm

Surface mounting decorative mirror optic luminaire suitable for twin compact fluorescent lamps 18W PL-C.

Specification

Housing

Made up of CRCA sheet steel with white coloured ABS plastic corners.

Finish

Epoxy powder coated white after phosphochromate treatment.

Optics

Reflector made up of high purity pre-anodised aluminium sheet.

Non-Category (Non-cat) : High-efficiency, high quality mirror optics with aluminium faceted side reflectors and serrated cross louvres.

Reflector fixed to the housing with four SS latches and hinged by twin nylon strings for re-lamping/ easy maintenance.

Lamp Holder

White polycarbonate/ ABS with electrical grade brass contacts.

Electric gear

For 2x18W PL-C : Pre-wired with twin open construction copper wound ferromagnetic ballast upto terminal block.

Option to use high frequency ballast available on request.

Mounting

On ceiling with 4 nos holes of Ø5 mm.

Applications

Libraries

Waiting rooms

Banks & offices

Computer centers

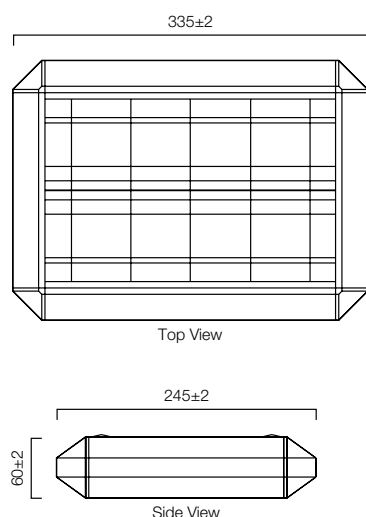
Reception & public service areas

Ordering Code	Optics	Lamp Type	Nominal Voltage (V)	Mains Current (A)	Lamp Socket	Power Factor*
LHCCN4218411	Non-Cat.	2x18W PL-C	240	0.440	G24 d-2	≥0.50
LHCCN4218454	Non-Cat.	2x18W PL-C (HF)	240	0.300	G24 d-2	≥0.55



Mirror Optics OS Series

Slim Cabin Lite



Surface mounting decorative mirror optic luminaire suitable for twin compact fluorescent lamps 9/11W CFL (PL-S) or 18W FP-L.

Specification

Housing

Made up of CRCA sheet steel with white coloured ABS plastic corners.

Finish

Epoxy powder coated white after phosphochromate treatment.

Optics

Reflector made up of high purity pre-anodised aluminium sheet.

Non-Category (Non-cat) : High-efficiency, high quality mirror optics with aluminium faceted side reflectors and serrated cross louvres.

Reflector fixed to the housing with four SS latches and hinged by twin nylon strings for re-lamping/ easy maintenance.

Lamp Holder

White polycarbonate/ ABS with electrical grade brass contacts.

Electric gear

- For 2x9/11W CFL: Pre-wired with twin 240V rated 1x9/11W CFL open construction copper wound ferromagnetic ballast upto terminal block.
- For 2x18W FP-L (4 Pin): Pre-wired with single* 240V rated 36/40W FTL open construction copper wound ferromagnetic ballast & 110V starters (FS2) upto terminal block.

Mounting

On ceiling with 4 nos holes of Ø5 mm.

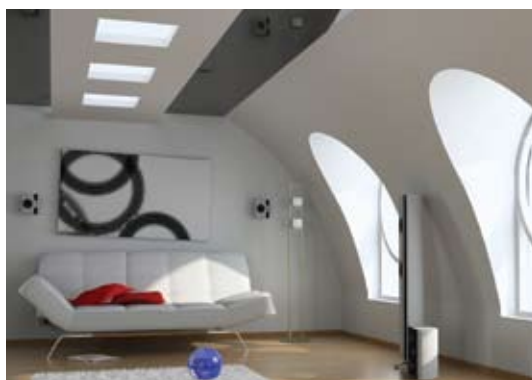
Applications

Libraries
Waiting rooms
Banks & offices
Computer centers

All dimensions are in mm

Ordering Code	Optics	Lamp Type	Nominal Voltage (V)	Mains Current (A)	Lamp Socket	Power Factor
LHCCN2211417	Non-Cat.	2x9/11W CFL	240	0.300	G23	≥0.50
LHCCN2211454	Non-Cat.	2x9/11W CFL (HF)	240	0.180	G23	≥0.55
LHCCN2218411	Non-Cat.	2x18W FP-L	240	0.410	2G11	≥0.50

Option to use high frequency electronic ballast available on request for 9/ 11W



Commercial
Lighting

Mirror Optics OS Series Slim



Surface mounting decorative mirror optic luminaire suitable for 2x36W fluorescent parallel lamps (FP-L).

Specification

Housing

Made up of CRCA sheet steel with white coloured ABS plastic corners.

Finish

Epoxy powder coated white after phosphochromate treatment.

Optics

Reflector made up of high purity pre-anodised aluminium sheet.

Non-Category (Non-cat) : High-efficiency, high quality mirror optics with aluminium faceted side reflectors and serated cross louvres.

Reflector fixed to the housing with four SS latches and hinged by twin nylon strings for re-lamping/ easy maintenance.

Lamp Holder

White polycarbonate/ ABS with electrical grade brass contacts.

Electric gear

- Pre-wired with open construction copper wound ferromagnetic ballast, universal starter (FSU) and power factor improvement capacitor upto terminal block.
- Pre-wired with high frequency electronic ballast (THD<33%) upto terminal block.

Mounting

Provision for suspension through Ø19 mm conduit or on ceiling with 2nos. holes of Ø6 mm.

Applications

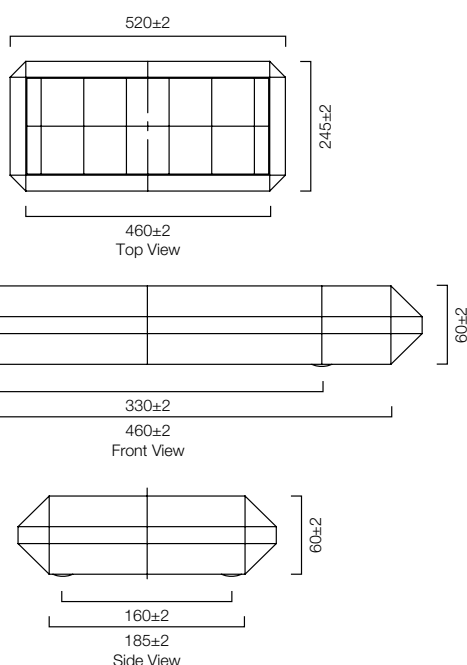
Libraries

Waiting rooms

Banks & offices

Computer centers

Reception & public service areas



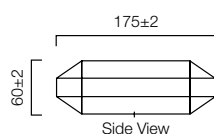
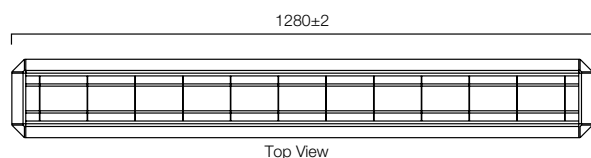
All dimensions are in mm

Ordering Code	Optics	Lamp Type	Nominal Voltage (V)	Mains Current (A)	Lamp Socket	Power Factor*	Capacitor Value
LHCCN2236411	Non-Cat.	2x36W FP-L	240	0.420	2G11	≥0.85	8 mfd
LHCCN2236427	Non-Cat.	2x36W FP-L (HF)	240	0.320	2G11	≥0.95	-

* With HF digital ballast option power factor ≥0.98, THD ≤10% available on request.



Mirror Optic OS Series Slim



Surface mounting decorative mirror optic luminaire suitable for 1x36W (T8) linear fluorescent lamp.

Specification

Housing

Made up of CRCA sheet steel.

Finish

Epoxy powder coated white after phosphochromate treatment.

Optics

Reflector made up of high purity pre-anodised aluminium sheet.

Non-Category (Non-cat) : High-efficiency, high quality mirror optics with aluminium faceted side reflectors and serated cross louvres.

Reflector fixed to the housing with four SS latches and hinged by 2 nos. nylon strings for re-lamping / easy maintenance.

Lamp Holder

Push fit type white polycarbonate/ ABS with electrical grade brass contacts.

Electric gear

- Pre-wired with open construction copper wound ferromagnetic ballast, universal starter (FSU) and power factor improvement capacitor upto terminal block.
- Pre-wired with high frequency electronic ballast (THD<33%) upto terminal block.

Mounting

Provision for suspension through Ø19 mm conduit or on ceiling with 2nos. holes of Ø6 mm.

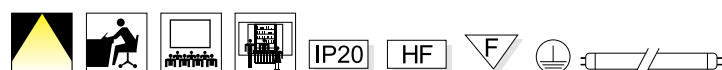
Applications

Libraries
Waiting rooms
Banks & offices
Computer centers

All dimensions are in mm

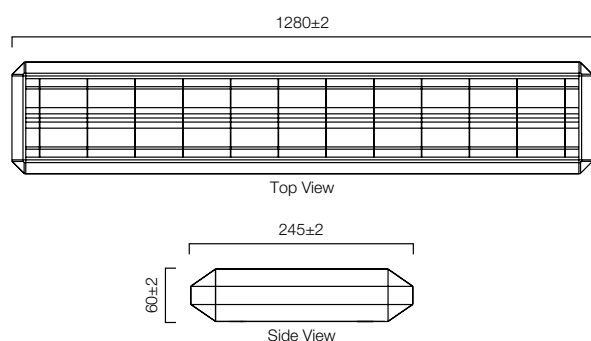
Ordering Code	Optics	Lamp Type	Nominal Voltage (V)	Mains Current (A)	Lamp Socket	Power Factor*	Capacitor Value
LHCFN2136411	Non-Cat.	1x36W FTL	240	0.210	G13	≥0.85	4 mfd
LHCFN2136425	Non-Cat.	1x36W FTL (HF)	240	0.160	G13	≥0.95	-

* With HF digital ballast option power factor ≥0.98, THD ≤10% available on request.



Commercial
Lighting

Mirror Optic OS Series Slim



Surface mounting decorative mirror optic luminaire suitable for 2x36W (T8) linear fluorescent lamps.

Specification

Housing

Made up of CRCA sheet steel with white coloured ABS plastic corners.

Finish

Epoxy powder coated white after phosphochromate treatment.

Optics

Reflector made up of high purity pre-anodised aluminium sheet.

Non-Category (Non-cat) : High-efficiency, high quality mirror optics with aluminium faceted side reflectors and serated cross louvres.

Reflector fixed to the housing with four SS latches and hinged by 2 nos. nylon strings for re-lamping / easy maintenance.

Lamp Holder

Push fit type white polycarbonate/ ABS with electrical grade brass contacts.

Electric gear

- Pre-wired with open construction copper wound ferromagnetic ballast, universal starter (FSU) and power factor improvement capacitor upto terminal block.
- Pre-wired with high frequency electronic ballast (THD<33%) upto terminal block.

Mounting

Provision for suspension through Ø19 mm conduit or on ceiling with 2nos. holes of Ø6 mm.

Applications

Libraries
Waiting rooms
Banks & offices
Computer centers
Reception & public service areas

All dimensions are in mm

Ordering Code	Optics	Lamp Type	Nominal Voltage (V)	Mains Current (A)	Lamp Socket	Power Factor*	Capacitor Value
LHCFN2236411	Non-Cat.	2x36W FTL	240	0.420	G13	≥0.85	8 mfd
LHCFN2236427	Non-Cat.	2x36W FTL (HF)	240	0.320	G13	≥0.95	-

* With HF digital ballast option power factor ≥0.98, THD ≤10% available on request.

